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Plant Breeder's Rights

Plant Varieties
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This part of the Plant Varieties Journal provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Public Notices of Plant Varieties Journal (Volume 38 Number 3) are listed below:

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Acceptances

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

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Acceptance Date
2025/168	YUMICE	Lettuce	Not Applicable	*Lactuca*	*sativa*	Syngenta Crop Protection AG	09/09/2025
2025/150	SIMLOPS	wild rocket	Not Applicable	*Diplotaxis*	*tenuifolia*	Vilmorin-Mikado	12/09/2025
2025/164	SMNLCIBF	Crape Myrtle	Not Applicable	*Lagerstroemia*	*indica*	Spring Meadow Nursery Inc	03/10/2025
2025/117	HCP-10	Tangor	Not Applicable	*Citrus*	*reticulata x Citrus sinensis*	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	19/11/2025
2025/154	E20PX-B	Persian clover	Not Applicable	*Trifolium*	*resupinatum*	Barenbrug Australia PTY. LTD.	16/10/2025
2025/081	Renon	Hydrangea	Not Applicable	*Hydrangea*	*macrophylla*	Shinsuke Tanaka	22/09/2025
2025/192	Libra	Potato	Not Applicable	*Solanum*	*tuberosum L.*	IPR B.V.	19/11/2025
2025/086	Stealth	Italian Ryegrass	Not Applicable	*Lolium*	*multiflorum*	Grasslands Innovation Ltd	09/09/2025
2025/101	KPER01		Not Applicable	*Eremophila*	*nivea*	Botanic Gardens and Parks Authority	22/09/2025
2025/167	EXCELLIO	Lettuce	Not Applicable	*Lactuca*	*sativa*	Syngenta Crop Protection AG	17/10/2025
2025/169	LOLLOPIO	Lettuce	Not Applicable	*Lactuca*	*sativa*	Syngenta Crop Protection AG	20/11/2025
2025/040	AUSERNIE	Rose	Not Applicable	*Rosa*	*hybrid*	David Austin Roses Limited	17/09/2025
2025/166	JURmag9	Magnolia	Not Applicable	*Magnolia*	*hybrid*	Mark Jury	30/10/2025
2025/039	AUSMAJESTY	Rose	Not Applicable	*Rosa*	*hybrid*	David Austin Roses Limited	17/09/2025
2025/144	OrangeFountain		Not Applicable	*Acer*	*palmatum*	Steven Boekel	13/10/2025
2025/077	ACB22T150	Cannabis	Not Applicable	*Cannabis*	*sativa*	Aurora Cannabis Enterprises Inc.	24/11/2025

2025/199	Myrtle Rainbow	Lemon Scented Tea Tree	Not Applicable	*Leptospermum*	*petersonii*	Greg Trevena	21/11/2025
2025/211	SUGRA62	Grape vine	SUGRASIXTYTWO	*Vitis*	*vinifera*	Sun World International, LLC	21/11/2025
2025/180	KISMET	Cucumber	Not Applicable	*Cucumis*	*sativus*	Seminis Vegetable Seeds, Inc.	20/10/2025
2025/111	712-92s	Tangor	Not Applicable	*Citrus*	*reticulata x Citrus sinensis*	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	20/10/2025
2025/182	SRAW46	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Wilmar Sugar Pty Ltd, SUGAR RESEARCH AUSTRALIA	22/09/2025
2025/195	Sky1	Papaya	Not Applicable	*Carica*	*papaya*	Skybury Coffee Pty Ltd	19/11/2025
2025/171	Sienna		Not Applicable	*x Semponium*		Surreal Succulents	15/10/2025
2025/212	SUGRA63	Grape vine	SUGRASIXTYTHREE	*Vitis*	*vinifera*	SUN WORLD INTERNATIONAL, LLC	21/11/2025
2025/183	SRA45	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	SUGAR RESEARCH AUSTRALIA	12/09/2025
2025/074	SUGRA61	Grape	Sugrasixtyone	*Vitis*	*vinifera*	Sun World International LLC	10/09/2025
2025/124	CHANTUS	Tomato	Not Applicable	*Solanum*	*lycopersicum*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	15/10/2025
2025/198	G804a	Grevillea	Dezire	*Grevillea*	*hybrid*	Peter Ollerenshaw	24/11/2025
2024/263	MYIPB001	batatas	Not Applicable	*Ipomoea*	*batatas*	MIYOSHI & CO., LTD.	17/09/2025
2025/123	Sunpa 4351	Mandevilla	Not Applicable	*Mandevilla*	*hybrid*	Suntory Flowers Limited	09/09/2025
2025/178	FL 2512	Potato	Not Applicable	*Solanum*	*tuberosum L.*	Frito-Lay North America, Inc.	31/10/2025
2024/221	TitanGold	Mango	Not Applicable	*Mangifera*	*indica*	David Eddison	17/09/2025

2025/132	Totem	Apricot	Not Applicable	*Prunus*	*armeniaca L.*	PSB Producción Vegetal S.L.	23/09/2025
2023/110	Jagg	Italian Ryegrass	Not Applicable	*Lolium*	*multiflorum*	Cropmark Seeds Australia Pty Ltd	12/09/2025
2025/159	PARISETTO	Tomato, cherry tomato	Not Applicable	*Solanum*	*lycopersicum*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	27/10/2025
2023/227	PFS200		Not Applicable	*Scaevola*	*hybrid*	SUZANNE KATHLEEN PRYOR	24/11/2025
2025/153	ET CRX 904	Sedge	Moon Falls	*Carex*	*oshimensis*	Eternal Plant Boijl B.V	18/09/2025
2025/075	ANGELLORO		Not Applicable	*Capsicum*	*annuum*	Syngenta Crop Protection AG	19/09/2025
2025/181	SRA43	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	SUGAR RESEARCH AUSTRALIA	12/09/2025
2021/022	H213	Hydrangea	Not Applicable	*Hydrangea*	*macrophylla*	Ryoji Irie	24/09/2025
2025/193	Cleo	Potato	Not Applicable	*Solanum*	*tuberosum L.*	Caithness Potato Breeders Ltd	18/11/2025
2025/105	K358	Lucerne	SARDI 7 Series 3	*Medicago*	*sativa*	Minister for Primary Industries and Regional Development (Acting through the South Australian Research and Development Institute)	10/11/2025
2025/104	Spring Blaze	Nectarine tree	Not Applicable	*Prunus*	*persica var. nucipersica*	Zaiger's Inc. Genetics	18/09/2025
2025/185	SRA48	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	SUGAR RESEARCH AUSTRALIA	12/09/2025
2025/107	39-16-06-03-W6	Grapevine	Not Applicable	*Vitis*	*vinifera*	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH	22/09/2025

						ORGANISATION, Wine Australia	
2025/184	SRA47	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	SUGAR RESEARCH AUSTRALIA	12/09/2025
2024/274	KARIKAZO	Lettuce	Not Applicable	*Lactuca*	*sativa*	Vilmorin-Mikado	17/09/2025
2024/270	DECIBEL	Potato	Not Applicable	*Solanum*	*tuberosum*	GERMICOPA BREEDING	19/09/2025
2025/128	Cupla	Blueberries	Not Applicable	*Vaccinium*	*corymbosum L.*	Moguer Cuna de Platero, Sociedad Cooperativa Andaluza (S.C.A)	08/10/2025
2025/109	Hamlin Russet	Potato	Not Applicable	*Solanum*	*tuberosum*	University of Maine System Board of Trustees	16/09/2025
2025/085	Hammer	Hybrid Ryegrass	Not Applicable	*Lolium*	*x hybridum*	Grasslands Innovation Ltd	08/09/2025
2025/083	Forge	Hybrid ryegrass	Not Applicable	*Lolium*	*x hybridum Hausskn*	Barenbrug New Zealand Ltd	15/09/2025
2025/137	Buralmsix	Almond	Not Applicable	*Prunus*	*dulcis*	BURCHELL BREEDING, INC.	11/09/2025
2025/189	PROCURIO	Lettuce	Not Applicable	*Lactuca*	*sativa*	Syngenta Crop Protection AG	21/11/2025
2025/108	39-11-10-01-W17	Grapevine	Not Applicable	*Vitis*	*vinifera*	Wine Australia, COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	22/09/2025
2025/138	Buralmfive	Almond	Not Applicable	*Prunus*	*dulcis*	BURCHELL BREEDING, INC.	11/09/2025
2025/121	Sunpa 201	Mandevilla	Not Applicable	*Mandevilla*	*hybrid*	Suntory Flowers Limited	09/09/2025
2025/145	Melodie	Tibouchina	Not Applicable	*Tibouchina*	*heteromalla*	Green Voice Pty Ltd trading as Lakewood Propagation	13/10/2025

2025/156	PUKAPUKA	Spinach	Not Applicable	*Spinacia*	*oleracea*	Seminis Vegetable Seeds, Inc.	19/09/2025
2025/158	BALTHASETTO	Tomato, cherry tomato	Not Applicable	*Solanum*	*lycopersicum*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	17/10/2025
2025/224	QUIRINE	Cucumber, Gherkin	Not Applicable	*Cucumis*	*sativus*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	21/11/2025
2025/146	IB106-1		Raspberry Truffle	*Hebe*	*hybrid*	Hy-BredX	22/09/2025
2025/170	GIA Colombo	Lentil	Colombo	*Lens*	*culinaris*	Materne Family Trust	08/11/2025

Rejections

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Rejected Date

Variety Descriptions

Application Number	Botanical Name	Proposed Variety Name
2016/097	*Agapanthus praecox*	'KEK 5006'
2016/222	*Begonia boliviensis* A. DC *x tuberhybrida* Voss	'KROUTOR01'
2017/158	*Fragaria x ananassa*	'MallingCentenary'
2017/251	*Lactuca sativa*	'KAY-009'
2017/252	*Lactuca sativa* L.	'KAY-010'
2018/101	*Prunus avium*	'Glensweet II'
2018/102	*Prunus avium*	'Glensweet I'
2018/274	*Coleonema pulchrum*	'Brilliant White'
2019/004	*Prunus salicina*	'SUPLUMFORTYNINE'
2019/073	*Lolium perenne*	'Centenario'
2020/116	*Prunus persica*	'Glacier Queen'
2020/117	*Prunus persica* var. *nucipersica*	'Candysweet X'
2020/118	*Prunus salicina*	'Plumsweet XVI'
2020/119	*Prunus salicina*	'Plumcandy XI'
2020/159	*Trifolium repens*	'Attribute'
2020/181	*Lens culinaris*	'PBA Kelpie'
2020/193	*Vitis vinifera*	'SUGRAFIFTYTWO'
2020/194	*Vitis vinifera*	'SUGRAFIFTYTHREE'
2020/195	*Vitis vinifera*	'SUGRAFIFTYFOUR'
2020/196	*Vitis vinifera*	'SUGRAFIFTYFIVE'
2020/312	*Vaccinium* hybrid	'BB05-251MI-14'
2020/313	*Vaccinium* hybrid	'BB06-540FL-12'
2021/085	*Alstroemeria* hybrid	'Zapriyen'
2021/108	*Lactuca sativa*	'FIRECUT'
2021/127	*Lolium multiflorum*	'Arise'
2021/128	*Lolium perenne*	'Maxsyn'
2021/238	*Anigozanthos* hybrid	'Rambocora'
2021/243	*Trifolium repens*	'Frodo'

2021/288	*Triticum aestivum*	'Brumby'
2021/292	*Gossypium hirsutum*	'Sicot 619B3XF'
2022/028	*Lens culinaris*	'GIA Metro'
2022/029	*Lens culinaris*	'GIA Lightning'
2022/030	*Lens culinaris*	'GIA Thunder'
2022/042	*Brassica rapa* subsp. *Chinensis*	'Maroon Spoon'
2022/210	*Malus domestica*	'GS 66'
2022/222	*Gossypium hirsutum*	'Sicot 743B3XF'
2022/223	*Gossypium hirsutum*	'Sicot 761B3XF'
2022/224	*Gossypium hirsutum*	'Siokra 253B3XF'
2022/225	*Gossypium hirsutum*	'Sicot 724XF'
2023/034	*Triticum aestivum*	'LONGREACH SOAKER'
2023/215	*Mandevilla* hybrid	'Manburg'
2024/035	*Vigna radiata*	'Brolga'
2024/036	*Vigna radiata*	'Kookaburra'
2024/097	*Vitis vinifera*	'IFG Thirty'
2024/167	*Hordeum vulgare*	'Bigfoot CL'
2024/168	*Cucumis melo*	'ZANAZ'
2024/174	*Boronia pulchella X Boronia heterophylla*	'KPB29'
2024/175	*Boronia* hybrid	'KPB 134'
2024/177	*Boronia* hybrid	'KPB 144'
2024/181	*Fragaria x ananassa*	'FL 17 15 86'
2024/182	*Fragaria x ananassa*	'FL 16 78 109'
2024/183	*Fragaria x ananassa*	'FL 16 30 128'
2024/251	*Brassica oleracea* L. var. *botrytis* L.	'ALDERAN'
2024/255	*Malus domestica*	'PETITGOLD'
2024/265	*Citrus reticulata x unshiu*	'S 102-45'
2024/268	*Fragaria x ananassa* Duchesne ex Rozier	'Lady Isabella'
2024/269	*Fragaria x ananassa* Duchesne ex Rozier	'Lady Emma'

Details of Application

Application Number	2016/097
Variety Name	'KEK 5006'
Genus Species	*Agapanthus praecox*
Common Name	African Lily
Synonym	'Zambezi'
Accepted Date	04-Aug-2017
Applicant	Keith Kirsten Horticulture International Pty Ltd, Lanseria, South Africa
Agent	Sprint Horticulture Pty Ltd, Peats Ridge, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	*US PP27,700*
Location	Peats Ridge, NSW
Descriptor	TG/266/1 Rev
Period	Summer 2019-summer 2020
Conditions	Trial conducted in open beds, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Twelve plants of each variety arranged in a completely randomised design.
Measurements	From ten plants at random
RHS Chart - edition	2015

Origin and Breeding

Spontaneous mutation: parent *Agapanthus praecox* in 2000. The parent is characterised by an absence of leaf variegation. Selection took place in Lanseria, South Africa in 2000. Selection criteria: presence of leaf variegation and stable propagation. Propagation: vegetative divisions and micropropagation are found to be uniform and stable. Breeder: Keith Kirsten, Lanseria, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	evergreen
Leaf	variegation	present
Leaf	disappearance of variegation with development	absent
Leaf	anthocyanin coloration at base	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tinkerbell'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hinag'	Plant height	medium - tall	very short	
'Golden Drop'	Plant height	medium - tall	very short	

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

Organ/Plant Part: Context	'KEK 5006'	'Tinkerbell'
☐ Plant: type	evergreen	evergreen
☐ Plant: density of foliage	medium	medium
☐ Plant: number of leaves per shoot	many	many
☒ Leaf: length	medium	short
☒ Leaf: width	medium	narrow
☐ Leaf: curvature	moderately recurved	absent or slightly recurved
☐ Leaf: variegation	present	present
☐ Leaf: disappearance of variegation with development	absent or weak	absent or weak
☒ Leaf: green colour of upper side (excluding variegation)	dark green	grey green
☒ Leaf: colour of variegation of upper side	yellow	yellow white
☐ Leaf: anthocyanin coloration at base	absent	absent
☐ Inflorescence bract: length of tip relative to total length of bract	short	
☐ Inflorescence bract: anthocyanin coloration	absent or weak	
☐ Peduncle: length	medium	
☐ Peduncle: thickness	medium	
☐ Peduncle: shape in cross section	medium elliptic	
☐ Peduncle: anthocyanin coloration	absent or weak	
☐ Inflorescence: number of flowers	few	
☐ Inflorescence: diameter	medium	
☐ Inflorescence: shape in lateral view	circular	
☐ Flower bud: main colour	91A-B	
☐ Pedicel: length	medium	
☐ Pedicel: anthocyanin coloration	absent or weak	
☐ Flower: shape	funnel	

☐ Flower: type	single
☐ Perianth: length	medium
☐ Perianth: diameter	medium
☐ Perianth: overlapping of tepal lobes	incomplete
☐ Perianth tube: length	medium
☐ Perianth tube: main colour of outer side	91B
☐ Tepal lobe: ratio length/width	slightly elongated
☐ Tepal lobe: colour of marginal zone of inner side	91C
☐ Tepal lobe: colour of midrib zone of inner side	91A
☐ Tepal lobe: transparency of midrib zone of inner side	absent or weak
☐ Tepal lobe: undulation of margin	weak
☐ Flower: tepal-like staminodes and pistillodes	absent
☐ Flower: extrusion of stamens	medium
☐ Filament: colour	violet blue
☐ Anther: colour	blue grey
☐ Style: colour	violet blue
☐ Time of: beginning of flowering	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'KEK 5006'	'Tinkerbell'
☐ **Peduncle: variegation**	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
SA	2015	Pending	'KEK 5006'
USA	2015	Granted	'KEK 5006'

No prior sale.

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

African Lily (Agapanthus praecox) variety 'KEK 5006' with comparator 'Tinkerbell'

Details of Application

Application Number	2016/222
Variety Name	'KROUTOR01'
Genus Species	*Begonia boliviensis* A. DC *x tuberhybrida* Voss
Common Name	Begonia
Accepted Date	02-Nov-2016
Applicant	Koppe Royalty B.V., Putten, The Netherlands
Agent	Crop & Nursery Services, Macmasters Beach, NSW 2251
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Protection Office, Intellectual Property Division, Export and International Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries, Japan
Overseas Data Reference Number	Application No. 31117 (Registration No. 27376)
Location	Yatsugatake Station, Centre for Seeds and Seedlings, National Agriculture and Food Research Organization, Nagano, Japan
Descriptor	TG/107/3
Period	2018
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: seed parent *Begonia boliviensis* Bonfire 'NZCONE' x pollen parent "Proprietary breeding selection KV02K0352-013 (complex Begonia tuberose hybrid)" in March 2006 in Ermelo, The Netherlands. The seed parent is characterised by a very short plant height, narrow flower width and small leaf size. The pollen parent is characterised by a semi-double flower type and a broad leaf width. February 2007: single seedling selection made with desirable traits. As a result it was concluded to be a distinct and viable commercial variety and named 'KROUTOR01'. Selection took place in Ermelo, The Netherlands in 2007. Selection criteria: excellent outdoor performance. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Lubbertus H. Koppe, Putten, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	very short to short
Stem	attitude	not pendulous
Inflorescence	attitude	pendulous
Flower	type	single
Flower	diameter	medium
Tepal	number of colours on upper side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fire Cracker Orange'	

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

Organ/Plant Part: Context	'KROUTOR01'	'Fire Cracker Orange'
☐ *Plant: height	very short to short	
☐ Plant: width	narrow	
☐ Plant: density	dense	
☐ Plant: number of basal shoots	few to medium	
☐ Stem: length of internodes	short to medium	
☐ Stem: thickness	thin	
☐ Stem: colour	reddish brown	
☐ *Stem: attitude	not pendulous	
☐ Stem: pubescence	very weak to weak	
☐ *Leaf blade: length of apical part	very short to short	
☐ *Leaf blade: length of basal part	short to medium	
☐ *Leaf blade: width of left part	narrow	
☐ *Leaf blade: width of right part	narrow	
☐ *Leaf blade: variegation of upper side	absent	
☐ Leaf blade: colour of upper side	dark green	
☐ Leaf blade: glossiness of upper side	absent	
☐ *Leaf blade: variegation of lower side	absent	
☐ Leaf blade: colour of lower side	medium green	
☐ Leaf blade: pubescence of lower side	weak	
☐ *Leaf blade: overlapping of lobes	absent	
☐ *Leaf blade: angle of apex	small to medium	
☒ Leaf blade: type of incisions of margin	crenate	serrate
☐ Leaf blade: depth of incisions of margin	shallow to medium	
☐ *Leaf blade: anthocyanin colouration of margin	present	
☐ Petiole: length	very short	
☐ *Petiole: thickness	thin	
☐ Petiole: colour	brownish red	

☐ Petiole: pubescence	weak	
☐ Bract: size	small to medium	
☐ Bract: cross section	slightly concave	
☐ Bract: shape of apex	round	
☐ Bract: colour of apex	red	
☐ *Inflorescence: attitude	pendulous	
☐ Inflorescence: position relative to foliage	partly below	
☐ Peduncle: colour	light brownish	
☐ Peduncle: pubescence	very weak to weak	
☐ *Flower: type	single	
☐ *Flower: diameter	medium	
☐ *Tepal: number of colours on upper side	one	
☐ *Tepal: main colour on upper side (RHS colour chart)	N30A	
☐ Tepal: colour of lower side of outer one (one coloured varieties only) (RHS colour chart)	N30A	
☒ *Tepal: shape of apex	rounded	acute
☐ *Tepal: incisions	absent	
☐ *Tepal: undulation	present	
☐ Tepal: intensity of undulation	weak	

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2013	Granted	'KROUTOR01'
EU	2013	Granted	'KROUTOR01'
Canada	2012	Granted	'KROUTOR01'
Japan	2013	Granted	'KROUTOR01'
Norway	2013	Granted	'KROUTOR01'

First sold as 'Florencio Orange' on 2nd Nov 2015 in Australia and 30th Jan 2015 in Lithuania

Description: **Ian Paananen**, Crop and Nursery Services, Macmasters Beach, NSW 2251

Begonia boliviensis A. DC x *tuberhybrida* Voss (Begonia) variety 'KROUTOR01'

Details of Application

Application Number	2017/158
Variety Name	'MallingCentenary'
Genus Species	*Fragaria x ananassa*
Common Name	Strawberry
Synonym	
Accepted Date	21-Jun-2017
Applicant	Seminis Vegetable Seeds, Inc. St. Louis, USA
Agent	Sheldon Agri Pty Ltd, Tooma, NSW
Qualified Person	Ian Paananen
Author of Description	Ian Paananen, Crop & Nursery Services, Central Coast, NSW

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Germany
Overseas Data Reference Number	EDB 549
Location	Prufstelle Wursen
Descriptor	TG/22/10 Rev 2012-03-28
Period	2013-2014
Conditions	as per TG/22/10
Trial Design	as per TG/22/10
Measurements	as per TG/22/10
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'SDBL/102' seed parent x 'EM1315' pollen parent in a planned breeding program at NIAB EMR, East Malling, Kent, UK in 2004. Both parents are non-commercial varieties within the breeding programme. The seed parent is characterised by a dark red fruit colour and caylx size similar to the fruit. The pollen parent is characterised by a medium time of fruit ripening and weak to medium fruit sweetness. Selection took place at East Malling, Kent, UK in 2006. Selection criteria: desirable commercial fruit quality, large fruit size. Propagation: vegetative by runners and micropropagation. Breeders: Adam Whitehouse, Abigail Johnson and David Simpson, NIAB EMR, East Malling, Kent, UK.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Fruit	size	large
Fruit	shape	conical
Fruit	colour	medium red
Plant	Type of bearing	not remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments

'Cupid'	
'Darselect'	'Darselect' also has shorter fruit length, firmer fruit firmness and stronger plant growth vigour
'Deluxe'	
'Vivaldi'	'Darselect' also has shorter fruit length, firmer fruit firmness and stronger plant growth vigour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Elsanta'	Fruit attitude of calyx	reflexed	clasping	Elsanta also has a lower, medium plant growth vigour

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

Organ/Plant Part: Context	'MallingCentenary'	'Cupid'	'Deluxe'	'Darselect'	'Vivaldi'
☐ *Plant: growth habit	semi-upright				
☐ Plant: density of foliage	medium to dense				
☐ Plant: vigour	strong				
☐ *Plant: position of inflorescence in relation to foliage	same level				
☐ *Plant: number of stolons	medium				
☐ Stolon: anthocyanin colouration	medium to strong				
☐ Stolon: density of pubescence	medium				
☐ Leaf: size	large				
☐ Leaf: colour of upper side	dark green				
☐ *Leaf: blistering	strong				
☐ *Leaf: glossiness	strong				
☐ Leaf: variegation	absent				
☐ *Terminal leaflet:: length in relation to width	moderately longer				
☐ *Terminal leaflet: shape of base	obtuse				
☒ Terminal leaflet: margin	serrate to crenate			serrate	serrate
☐ Terminal leaflet: shape in cross section	concave				

☐ Petiole: length	medium to long		
☐ Petiole: attitude of hairs	horizontal		
☐ Stipule: anthocyanin colouration	medium to strong		
☐ Inflorescence: number of flowers	few		
☐ Pedicel: attitude of hairs	slightly outwards		
☐ Flower: diameter	medium		
☐ *Flower: arrangement of petals	overlapping		
☐ *Flower: size of calyx in relation to corolla	larger		
☐ *Flower: stamen	present		
☐ Petal: length in relation to width	equal		
☐ *Petal: colour of upper side	white		
☒ *Fruit: length in relation to width	moderately longer	moderatel y shorter	
☐ *Fruit: size	large		
☐ *Fruit: shape	conical		
☐ Fruit: difference in shape of terminal and other fruits	very slight to slight		
☐ *Fruit: colour	medium red		
☐ Fruit: evenness of colour	slightly uneven		
☐ Fruit: glossiness	strong		
☐ Fruit: evenness of surface	even or very slightly uneven		
☐ Fruit: width of band without achenes	narrow to medium		
☐ *Fruit: position of achenes	level with surface		
☐ Fruit: position of calyx attachment	raised		
☐ Fruit: attitude of sepals	outwards		
☐ Fruit: diameter of calyx in relation to diameter of fruit	same size		
☐ Fruit: adherence of calyx	medium to strong		
☐ Fruit: firmness	firm		

☐ Fruit: colour of flesh (excluding core)	medium red	
☐ Fruit: colour of core	medium red	
☐ Fruit: cavity	absent or small	
☐ *Time of: beginning of flowering	medium	
☒ Time of: beginning of fruit ripening	early	medium to late
☐ *Type of: bearing	not remontant	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2012	Granted	'Malling Centenary'
Switzerland	2015	Granted	'Malling Centenary'
Norway	2015	Granted	'Malling Centenary'

First sold on 31st May 2013 in UK as 'Malling Centenary''.

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

Fragaria x ananassa (Strawberry) variety 'MallingCentenary'

Details of Application

Application Number	2017/251
Variety Name	'KAY-009'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Accepted Date	29-Sep-2017
Applicant	Kaneko Seeds Co. Ltd., 1-50-12, Furuichi-cho, Maebashi, Gumma, Japan
Agent	FB Rice, Level 23, 44 Market Street, Sydney, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	PVPO, Japan
Overseas Data Reference Number	30981 (Grant no. 30486)
Location	Ibaraki, Japan
Descriptor	TG/13/10
Period	2018
Conditions	As according UPOV test guidelines
Trial Design	as per Japanese Test report Application No. 30981
Measurements	as per Japanese Test report Application No. 30981
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination followed by generation line selection: seed parent 'SID' x pollen parent 'PRN' in 2006. The seed parent is characterised by a medium density of margin incisions on apical part, medium harvest timing and strong to very strong degree of overlapping of upper leaves of the head. The pollen parent is characterised by a medium density of margin incisions on apical part and medium degree of overlapping of upper leaves of the head. Selection took place in Isesaki, Gunma Prefecture, Japan in 2007. Selection criteria: crisphead type with desirable density of head formation and leaf shape and late time of maturity. Propagation: OP seed are found to be uniform and stable. Breeder: Itsuki Kubota, Maebashi, Gunma, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black
Leaf	hue of green colour of outer leaves	absent
Leaf	anthocyanin colouration	absent
Leaf blade	incisions of margin on apical part	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'TLE437'	
'Salinas 88'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Trigger'	Head	degree of overlapping of upper part of leaves	strong	strong to very strong	'Trigger' also has an earlier time of harvest and less density of incisions on leaf margin apical part
'TLE451'	Plant	time of harvest maturity	early to medium	very late	'TLE451' also has a stronger degree of overlapping of upper part of leaves on head

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

Organ/Plant Part: Context	'KAY-009'	'Salinas 88'	'TLE437'
☐ *Seed: colour	black		
☐ *Seedling: anthocyanin colouration	absent		
☐ Seedling: size of cotyledon	small to medium		
☐ Seedling: shape of cotyledon	medium elliptic		
☐ Leaf: attitude at 10-12 leaf stage	semi-erect		
☐ Leaf blade: division	entire		
☐ *Plant: diameter	medium		
☐ *Plant: head formation	closed head		
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	strong		
☐ Head: density	medium		
☐ Head: size	medium		
☐ *Head: shape in longitudinal section	broad elliptic		
☐ Leaf: thickness	thin to medium		
☐ Leaf: attitude at harvest maturity	semi-erect		
☐ *Leaf: shape	transverse broad elliptic		
☐ Leaf: shape of tip	rounded		
☐ *Leaf: hue of green colour of outer leaves	absent		
☐ *Leaf: intensity of colour of outer leaves	medium		
☐ *Leaf: anthocyanin colouration	absent		
☐ Leaf: glossiness of upper side	medium		
☐ *Leaf: blistering	weak		

☐ Leaf: size of blisters	small to medium		
☐ *Leaf blade: degree of undulation of margin	weak		
☐ Leaf blade: incisions of margin on apical part	present		
☐ *Leaf blade: depth of incisions on margin on apical part	shallow		
☒ Leaf blade: density of incisions on margin on apical part	medium	sparse	sparse
☐ Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate		
☐ Leaf blade: venation	flabellate		
☐ Axillary: sprouting	very weak to weak		
☐ Time of: harvest maturity	early to medium		

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'KAY-009'	'Salinas 88'	'TLE437'
☐ **Leaf: width of petiole at base**	narrow to medium		
☐ **Stem: size**	small to medium		
☐ **Seedling: anthocyanin coloration of hypocotyl**	absent		
☐ **Head: weight**	light		
☐ **Head: number of leaves**	medium		
☐ **Leaf: length**	medium to long		
☐ **Leaf: width**	broad		

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	**2016**	**Granted**	'KAY-009'
Japan	**2017**	**Granted**	'KAY-009'

First sold in Japan in September 2016

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

Lettuce (*Lactuca sativa*) 'KAY-009'

Details of Application

Application Number	2017/252
Variety Name	'KAY-010'
Genus Species	*Lactuca sativa* L.
Common Name	Lettuce
Accepted Date	29-Sep-2017
Applicant	Kaneko Seeds Co. Ltd., 1-50-12, Furuichi-cho, Maebashi, Gumma, Japan
Agent	FB Rice, Level 23, 44 Market Street, Sydney, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	PVPO, Japan
Overseas Data Reference Number	31325 (Grant no. 30578)
Location	Ibaraki, Japan
Descriptor	TG/13/10
Period	2018
Conditions	As according UPOV test guidelines
Trial Design	as per Japanese Test report Application No. 31325
Measurements	as per Japanese Test report Application No. 31325
RHS Chart - edition	n/a

Origin and Breeding

Open pollination followed by generation line selection: seed parent 'AKPO mutant KA-1227' (Black Rose) in 2013. The seed parent is characterised by a medium head weight, medium plant height, medium number of leaves and broad obtrullate leaf shape. Selection took place in Isesaki, Gunma Prefecture, Japan in 2016. Selection criteria: fast growing cutting type with attractive leaf colour and desirable size and yield traits. Propagation: OP seed are found to be uniform and stable. Breeder: Itsuki Kubota, Maebashi, Gunma, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black
Leaf	hue of green colour of outer leaves	reddish
Leaf	anthocyanin colouration	present
Leaf blade	incisions of margin on apical part	present
Plant	beginning of bolting under long day conditions	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Genta'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments

'Kalbee Red'	Seed	colour	black	white	Kalbee Red also has a broad obtrullate leaf shape

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

Organ/Plant Part: Context	'KAY-010'	Red Genta
☐ *Seed: colour	black	
☐ *Seedling: anthocyanin colouration	present	
☐ Seedling: size of cotyledon	medium	
☐ Seedling: shape of cotyledon	broad elliptic	
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	
☐ Leaf blade: division	entire	
☐ *Plant: diameter	medium	
☐ *Plant: head formation	no head	
☐ Leaf: thickness	thin	
☐ Leaf: attitude at harvest maturity	semi-erect	
☒ *Leaf: shape	medium elliptic	obovate
☐ Leaf: shape of tip	rounded	
☐ *Leaf: hue of green colour of outer leaves	reddish	
☐ *Leaf: intensity of colour of outer leaves	very dark	
☐ *Leaf: anthocyanin colouration	present	
☐ *Leaf: intensity of anthocyanin colouration	very strong	
☐ Leaf: distribution of anthocyanin	localised	
☐ Leaf: kind of anthocyanin distribution	diffused only	
☐ Leaf: glossiness of upper side	strong	
☐ *Leaf: blistering	strong to very strong	
☐ Leaf: size of blisters	medium	
☐ *Leaf blade: degree of undulation of margin	weak	
☐ Leaf blade: incisions of margin on apical part	present	
☐ *Leaf blade: depth of incisions on margin on apical part	very shallow	
☐ Leaf blade: density of incisions on margin on apical part	very sparse	
☐ Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	sinuate	
☒ Leaf blade: venation	not flabellate	flabellate
☐ Axillary: sprouting	absent or very weak	

Time of: harvest maturity	early
*Time of: beginning of bolting under long day conditions	early to medium
Plant: height	medium to tall
Plant: fasciation	absent

Characteristics Additional to the Descriptor/TG

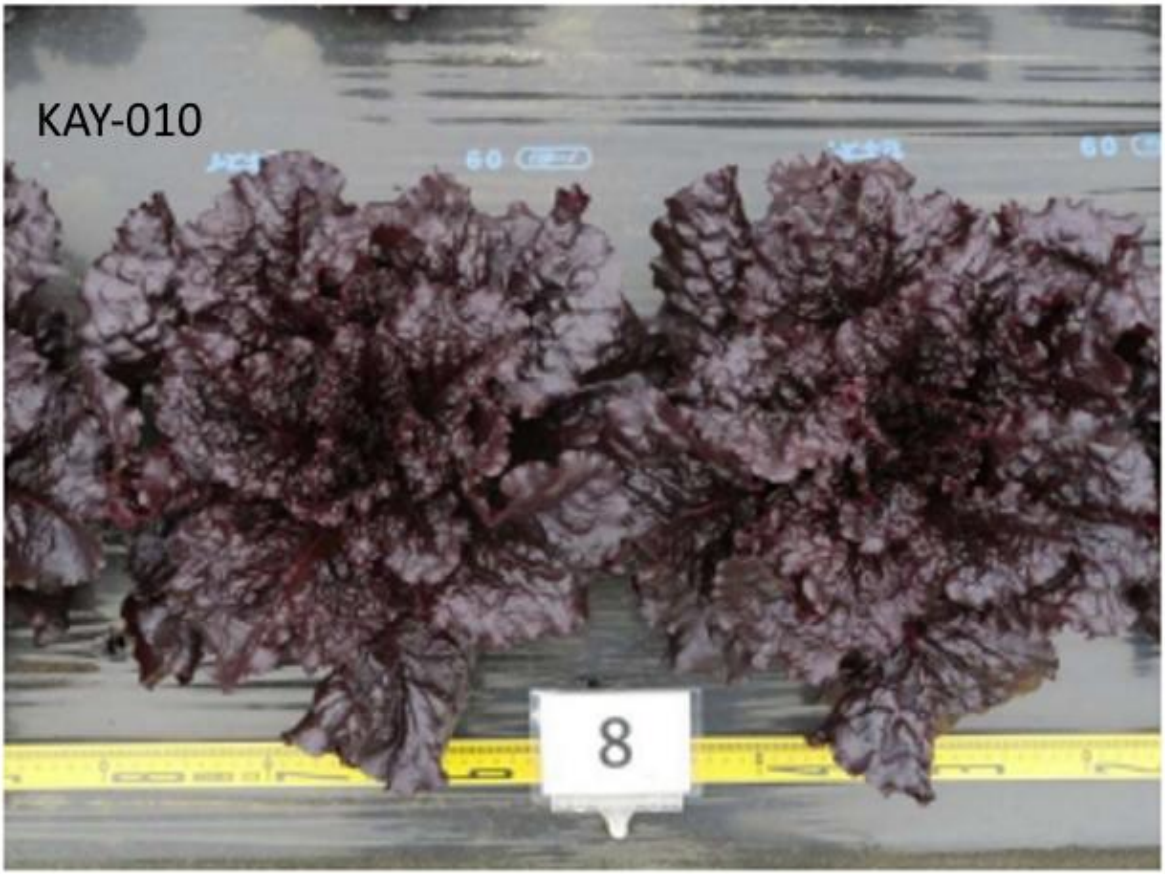
Organ/Plant Part: Context	'KAY-010'	'Red Genta'
Leaf: number of developed leaves	medium	
Leaf: width of petiole at base	narrow	
Stem: size	small to medium	
Seedling: anthocyanin coloration of hypocotyl	present	
Leaf: length	medium	
Leaf: width	narrow	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	**2017**	**Granted**	KAY-010'
Japan	**2016**	**Granted**	KAY-010'

First sold in Japan on 16 September 2016

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



Lettuce *Lactuca sativa* 'KAY-010'

Details of Application

Application Number	2018/101
Variety Name	'Glensweet II'
Genus Species	*Prunus avium*
Common Name	Sweet Cherry
Accepted Date	17-Oct-2022
Applicant	Lowell Glen Bradford, Le Grand California, USA
Agent	Montague Fresh, Narre Warren North, VIC
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	*USPTO*
Overseas Data Reference Number	US PP30, 229 P2
Location	Le Grand, California, Merced County (San Joaquin Valley)
Descriptor	TG/35/7
Period	2001-2007
Conditions	As per US plant patent
Trial Design	As per USDA requirements
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Open Pollination: During a typical blooming season individual cherry trees were isolated as seed parents by covering them with screen houses. A hive of bees is placed inside each house, and bouquets to provide pollen from different cherry trees are placed in buckets near the trees approximately every two days for the duration of the bloom. During 2001 one such house containing 'Glenred' (USPP #12859) cherry tree was crossed in this manner. To pollinate this cherry, bouquets were selected from several sources of cherry trees. Upon reaching maturity the fruit from this cherry tree was harvested and the seeds were removed, cracked, stratified and germinated as a group with the label 'Cherry House'. They were grown as seedling on their own root in a greenhouse and upon reaching dormancy transplanted to a cultivated area of the experimental orchard located near Le Grand, California in Merced County (San Joaquin Valley). During the Summer of 2007 the claimed variety was selected as a single tree from the group of seedlings described above. Subsequent to origination of the present variety of cherry tree, it was asexually reproduced by budding and grafting in the experimental orchard described above, and such reproductions were true to the original tree in all respects. The reproduction of the variety included the use of 'Colt' (USPP 4059) rootstock, upon which the present variety was compatible and true to type. Breeder: Lowell Glen Bradford, Le Grand California, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flowering	bloom	heavy
Tree	size	medium
Tree	vigour	vigorous
Leaf glands	shape	oval to reinform
Fruit	production	productive

Fruit	shape	oblate
Stone	type	somewhat freestone
Fruit	stem	strongly attached
Tree	fertility	self-unfruitful

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Glencrest'	USPP #27369

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

Organ/Plant Part: Context	'Glensweet II'	'Glencrest'
☐ Tree: vigour	medium	medium
☒ *Tree: habit	spreading	upright
☐ *Tree: branching	medium	medium
☐ *One-year-old shoot: length of internode	normal	normal
☐ Leaf blade: length	medium	medium
☐ Leaf blade: width	medium	medium
☐ *Leaf blade: ratio length/width	medium	medium
☐ *Leaf: length of petiole	medium	medium
☐ *Leaf: presence of nectaries	present	present
☐ Nectaries: colour	greenish yellow	greenish yellow
☐ Flower: diameter	medium	medium
☐ Flower: shape of petal	medium obovate	circular
☐ Flower: arrangement of petals	overlapping	overlapping
☐ *Fruit: size	large	medium
☐ *Fruit: shape	oblate	reniform
☐ Fruit: suture	absent or very weakly conspicuous	weakly conspicuous
☐ *Fruit: length of stalk	long	short
☐ Fruit: thickness of stalk	medium	medium
☐ *Fruit: colour of skin	dark red	red
☐ Fruit: size of lenticels on skin	medium	medium
☐ Fruit: number of lenticels on skin	many	medium
☐ Fruit: thickness of skin	intermediate	intermediate
☐ *Fruit: colour of flesh	yellow	dark red
☐ Fruit: colour of juice	pink	red
☐ *Fruit: firmness	firm	firm
☐ Fruit: acidity	low	medium

☐	Fruit: sweetness	very high	medium
☐	Fruit: juiciness	medium to strong	medium to strong
☐	*Stone: size	medium	medium
☐	*Stone: shape in ventral view	broad elliptic	broad elliptic
☒	*Time of: beginning of flowering	early	early to medium
☒	*Time of: beginning of fruit ripening	early to medium	medium

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	'Glensweet II'	'Glencrest'
☒	**Stem: length**	long	short
☒	**Bloom: timing of bloom**	four days earlier	four days later
☒	**Fruit: maturity**	five days earlier	five days later
☒	**Fruit: size**	larger	smaller
☒	**Fruit: flesh Colour**	yellow	red
☒	**Fruit: skin colour**	red and yellow (two-tone)	full red
☒	**Fruit: sweetness**	sweeter	less sweet

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	**2017**	**Pending**	**'Glensweet II'**

No prior sale.

Description: Krys Lockhart, Narre Warren Nth, VIC 3804

Sweet Cherry (*Prunus avium*) variety ‘Glensweet II’

Details of Application

Application Number	2018/102
Variety Name	'Glensweet I'
Genus Species	*Prunus avium*
Common Name	Sweet Cherry
Accepted Date	17-Oct-2022
Applicant	Lowell Glen Bradford, Le Grand California, USA
Agent	Montague Fresh, Narre Warren North, VIC
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	*USPTO*
Overseas Data Reference Number	US PP30, 209 P2
Location	Le Grand, California, Merced County (San Joaquin Valley)
Descriptor	TG/35/7
Period	2000-2006
Conditions	As per US plant patent
Trial Design	As per USDA requirements
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Open Pollination: During a typical blooming season individual cherry trees were isolated as seed parents by covering them with screen houses. A hive of bees was placed inside each house, and bouquets to provide pollen from different cherry trees were placed in buckets near the trees approximately every two days for the duration of the bloom. During 2000 one such house containing 'Glenred' (USPP #12,859) cherry tree was crossed in this manner. To pollinate this cherry, bouquets were selected from several sources of cherry trees without keeping specific written details. Upon reaching maturity the fruit from this cherry tree was harvested and the seeds were removed, cracked, stratified and germinated as a group with the label 'Cherry House'. They were grown as seedlings on their own root in a greenhouse, and upon reaching dormancy transplanted to a cultivated area of an experimental orchard located near Le Grand, California, in Merced County (San Joaquin Valley.) During the Summer of 2006 the claimed variety was selected as a single tree from the group of seedlings described above. Subsequent to origination of the present variety of cherry tree, it was asexually reproduced by budding and grafting in the experimental orchard described above, and such reproduction were true to the original tree in all respects. The reproduction of the variety included the use of 'Colt' (USPP #4059) rootstock, upon which the present variety was compatible and true to type. Breeder: Lowell Glen Bradford, Le Grand California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	bloom	heavy
Tree	vigour	vigorous
Tree	size	medium
Flower	timing of bloom	early to mid season
Flower	fertility	self-unfruitful

Glands	shape	oval to reniform
Tree	productivity	productive
Fruit	maturity	mid may
Fruit	size	medium to large
Fruit	skin colour	dark red
Fruit	flesh colour	dark red
Fruit	texture	firm
Fruit	skin	fairly crack resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Glenheart'	USPP #27248

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

Organ/Plant Part: Context	'Glensweet I'	'Glenheart'
☐ Tree: vigour	medium to strong	medium
☐ *Tree: habit	spreading	spreading
☐ *Tree: branching	medium	medium
☐ Leaf blade: length	medium to long	medium
☐ Leaf blade: width	medium to broad	medium
☐ *Leaf blade: ratio length/width	medium to large	medium
☐ Leaf blade: intensity of green colour of upper side	medium	medium
☐ *Leaf: length of petiole	medium	long
☐ *Leaf: presence of nectaries	present	present
☐ Nectaries: colour	greenish yellow	greenish yellow
☐ Flower: diameter	medium	medium
☐ Flower: shape of petal	medium obovate	circular
☐ Flower: arrangement of petals	overlapping	overlapping
☐ *Fruit: size	medium to large	medium to large
☒ *Fruit: shape	cordate	oblate
☐ Fruit: pistil end	pointed	flat
☐ Fruit: suture	weakly conspicuous	absent or very weakly conspicuous
☐ *Fruit: length of stalk	medium	short
☐ Fruit: thickness of stalk	thin to medium	medium
☐ *Fruit: colour of skin	red	dark red
☐ Fruit: size of lenticels on skin	medium	very small
☐ *Fruit: colour of flesh	medium red	dark red
☐ Fruit: colour of juice	red	red

☐ *Fruit: firmness	firm	firm
☒ Fruit: acidity	low	medium
☐ Fruit: sweetness	high	medium
☐ Fruit: juiciness	medium to strong	medium to strong
☐ *Stone: size	medium	medium
☐ *Stone: shape in ventral view	broad elliptic	medium elliptic
☐ *Fruit: ratio weight of fruit/weight of stone	medium	medium
☐ *Time of: beginning of flowering	early to medium	early to medium
☐ *Time of: beginning of fruit ripening	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Glensweet I'**	**'Glenheart'**
☒ **Stone: type**	semi-freestone	clingstone
☒ **Fruit: stem**	long	short

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
USA	**2017**	**Pending**	'Glensweet I'

No prior sale.

Description: **Krys Lockhart**, Narre Warren North, VIC 3804

Sweet Cherry (*Prunus avium*) variety ‘Glensweet I’

Details of Application

Application Number	2018/274
Variety Name	'Brilliant White'
Genus Species	*Coleonema pulchrum*
Common Name	Confetti Bush
Accepted Date	19-Oct-2018
Applicant	Quito Pty Ltd trading as Benara Nurseries¸ Carabooda, WA 6033, Australia
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Carabooda, WA
Descriptor	PBR General Descriptor
Period	2021
Conditions	Trial conducted in open beds, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Twelve plants of each variety arranged in a completely randomised design.
Measurements	From ten plants at random
RHS Chart - edition	2015

Origin and Breeding

Spontaneous mutation: parent *Coleonema pulchrum* (dwarf pink flowering form) in 2017. The seed parent is characterised by a light pink flower colour. Selection took place in Carabooda, WA in 2016. Selection criteria: white flower colouring. Propagation: vegetative cuttings are found to be uniform and stable. Breeder: Gavin James, Quito Pty Ltd trading as Benara Nurseries¸ Carabooda, WA 6033, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Plant	growth habit	erect
Leaf	green colour	medium to dark
Flower	type	single

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'album'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'White Gold'	Leaf colour	yellow	green	'White Gold' is also a taller plant

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

Organ/Plant Part: Context	'Brilliant White'	'Album'
☐ Plant: growth habit	erect	erect
☒ Plant: height	short	short to medium
☐ Stem: degree of hairiness	medium	medium
☐ Stem: presence of hairs	present	present
☐ Leaf: arrangement	alternate	alternate
☐ Leaf: length of blade	medium	medium
☐ Leaf: width of blade	medium	medium
☐ Leaf: shape	linear	linear
☐ Leaf: shape of apex	acute	acute
☐ Leaf: shape of base	attenuate	attenuate
☐ Leaf: green colour	medium to dark	medium to dark
☐ Leaf: primary colour (RHS colour chart)	137A	137A
☐ Flower: type	single	single
☒ Flower: diameter	large	medium
☐ Petal: predominant colour of upper side (RHS colour chart)	NN155D	NN155D

Statistical Table

Organ/Plant Part: Context	'Brilliant White'	'Album'
☒ **Plant: height (cm)**		
Mean	21.00	27.20
Std. Deviation	2.50	3.30
Lsd/sig	3.83	P≤0.01
☐ **Plant: width (cm)**		
Mean	35.80	39.00
Std. Deviation	4.30	3.90
Lsd/sig	5.32	ns
☒ **Flower: diameter (mm)**		
Mean	9.75	7.00
Std. Deviation	0.50	0.40
Lsd/sig	0.61	P≤0.01

Prior Applications and Sales:

No prior sale or application.

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

Coleonema pulchrum (Confetti Bush) variety ‘Brilliant White’ with comparator 'Album'

Details of Application

Application Number	2019/004
Variety Name	'SUPLUMFORTYNINE'
Genus Species	*Prunus salicina*
Common Name	Japanese Plum
Synonym	SUPLUM49
Accepted Date	01-Apr-2019
Applicant	Sun World International LLC, BAKERSFIELD, CA, USA
Agent	Corrs Chambers Westgarth Lawyers, Melbourne, VIC.
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	US PP27, 326 P2
Location	Bakersfield, CA (US)
Descriptor	Japanese Plum (*Prunus salicina*) TG 84/4 Corr.2 Rev.
Period	2009-2012
Conditions	As per US plant patent
Trial Design	As per USDA requirements
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: The seed parent is 'Suplumthirtyseven' (USPP 18,690), and the pollen parent is 'PL526YB' (unpatented breeding variety). The parent varieties were first crossed in February 2009, with the date of first sowing being March 2010, and the date of first flowering being February 2011. The new plum variety 'Suplumfortynine' (USPP27326) was first asexually propagated by Terry Bacon near Wasco, Kern County, California in January 2012 by grafting. The new variety Suplumfortynine is distinguished from its seed parent Suplumthirty seven (U.S. Plant Pat. No. 18,690) in that the new variety Suplumfortynine has fruit with deep red flesh while the fruit of Suplumthirtyseven' (USPP 18,690) has yellow flesh. The new variety 'Suplumfortynine' is distinguished from its seed parent 'PL526YB' (unpatented breeding variety) in that new the new variety 'Suplumfortynine' has fruit with deep red flesh while the fruit of 'PL526YB'. Breeder: TERRY A BACON, BAKERSFIELD, CA, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	shape of apex	flat

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Flavorosa'	USPP #10,285
'Earliqueen'	USPP #8,583

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

Organ/Plant Part: Context	'SUPLUMFORTYNINE'	'Earliqueen'	'Flavorosa'

☒ Tree: vigour	medium	medium to strong	medium to strong
☐ Tree: density of the head	medium		
☐ One year old shoot: intensity of colour	medium		
☐ Spur: length	medium		
☐ *Leaf blade: shape	broad obovate		
☐ *Leaf blade: angle of the tip	pointed		
☒ Leaf blade: incisions of margin	crenate	serrate	serrate
☐ *Petiole: length	short		
☐ Leaf: position of glands	on both leaf base and petiole		
☐ *Peduncle: length	medium		
☐ Flowers: frequency of flowers with double petals	none or very few		
☐ Flower: overlapping of petals	overlapping		
☐ Sepal: shape	triangular		
☐ *Petal: shape	circular		
☐ Petal: undulation of margin	weak to medium		
☐ Stigma: position as compared with anthers	below		
☒ *Fruit: size	medium	large	medium to large
☐ *Fruit: general shape	rounded		
☐ *Fruit: position of maximum diameter	at centre		
☐ *Fruit: symmetry	symmetric		
☐ Fruit: shape of apex	flat	flat	flat
☐ Fruit: depth of stalk cavity	shallow		
☒ *Fruit: ground colour of skin	red		purple
☒ *Fruit: colour of flesh	red	yellow	red
☐ Fruit: firmness of flesh	medium		
☐ Fruit: juiciness	medium		
☐ Fruit: acidity	weak to medium		
☐ Fruit: sweetness	medium		
☐ *Fruit: degree of adherence of stone to flesh	fully adherent		
☐ *Stone: size	medium		
☐ *Stone: general shape in profile	long-elliptical		
☐ Stone: shape in ventral view	flattened		
☐ Stone: shape in basal view	long-elliptical		

☐	Stone: symmetry in profile	symmetric		
☐	Stone: symmetry in ventral view	symmetric		
☐	*Stone: position of maximum width	at centre		
☐	Stone: texture of lateral surfaces	granular		
☐	Stone: margins of dorsal groove	entire		
☐	Stone: sharpness of the edges	medium		
☐	Stone: width of ventral zone	medium		
☐	Stone: width of stalk-end	medium		
☐	Stone: angle of stalk-end	right angle or nearly right angle		
☒	*Time of: flowering	early	early to medium	early to medium
☒	*Time of: ripening	very early	early	early

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	**'SUPLUMFORTYNINE'**	**'Earliqueen'**	**'Flavorosa'**
☐	**Fruit: skin Colour**	red-dapple		dappled red/yellow
☐	**Fruit: flesh Colour**	deep red		
☒	**Fruit: harvest Timing**	early	medium	medium

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
USA	**2015**	**Granted**	'SUPLUMFORTYNINE'
Europe	**2018**	**Pending**	'SUPLUMFORTYNINE'

First sold in USA on May 2016.

Description: Krys Lockhart, Narre Warren Nth VIC 3804

Japanese Plum (*Prunus salicina*) variety ‘SUPLUMFORTYNINE’

Details of Application

Application Number	2019/073
Variety Name	'Centenario'
Genus Species	*Lolium perenne*
Common Name	Perennial Ryegrass
Accepted Date	17-May-2019
Applicant	PGG Wrightson Seeds Limited, 742 Tancreds Road, New Zealand
Qualified Person	Martin Harmer, 4 Black Swamp Rd, VIC

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	34522
Location	Lincoln, Canterbury, New Zeeland
Descriptor	TG/4/8 2006
Period	2020 and 2021
Conditions	As according UPOV test Guidelines
Trial Design	As according UPOV test Guidelines
Measurements	As according UPOV test Guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Centenario' originates from 5 cycles of selection for salt tolerance from turf breeding lines developed from crosses from Colosseum and Arena with breeding lines. A further 3 cycles of selection was undertaken for turf performance., disease resistance and seed yield. Breeder: Alan Stewart, PGG Wrightson Seeds Limited, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	length of longest stem, inflorescence included (when fully expanded)	very short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spartacus'	

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

Organ/Plant Part: Context	'Centenario'	'Spartacus'
☐ *Plant: ploidy	diploid	
☐ Plant: vegetative growth habit (without vernalisation)	semi-erect to medium	
☐ Leaf: length	short	

☐	Leaf: width	narrow
☐	Leaf: intensity of green colour	dark
☐	Plant: width	narrow to medium
☐	Plant: vegetative growth habit (after vernalisation)	medium
☐	Plant: height	short to medium
☒	*Plant: time of inflorescence emergence (after vernalisation)	early to medium medium
☐	Plant: natural height at inflorescence emergence	very short to short
☐	Plant: width at inflorescence emergence	narrow to medium
☐	*Flag leaf: length	short
☐	*Flag leaf: width	narrow
☐	Flag leaf: length/width ratio	medium
☐	*Plant: length of longest stem, inflorescence included	very short
☐	Plant: length of upper internode	short to medium
☐	Inflorescence: length	very short
☐	Inflorescence: number of spikelets	very few to few
☐	Inflorescence: density	dense
☐	Inflorescence: length of outer glume on basal spikelet	short
☐	Inflorescence: length of basal spikelet excluding awn	short

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	**2019**	**Granted**	'Centenario'

Nil Prior Sales

Description: New Zealand Plant Variety Rights Office, New Zealand

Perennial Ryegrass (*Lolium perenne*) - variety 'Centenario'

Details of Application

Application Number	2020/116
Variety Name	'Glacier Queen'
Genus Species	*Prunus persica*
Common Name	Peach
Accepted Date	11-Aug-2020
Applicant	Lowell Glen Bradford, Le Grand California, USA.
Agent	Krys Lockhart, Narre Warren, VIC.
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	US PP23,868 P3
Location	Le Grand, California, Merced County (San Joaquin Valley)
Descriptor	Peach (*Prunus persica*) TG53/7
Period	2000-2013
Conditions	As per US plant patent
Trial Design	As per USDA requirements
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: USPP #23,868. The present variety was hybridised by me in 2000 as a first-generation cross using 'Snow Princess' (USPP #12570) peach as the selected seed parent and an unnamed yellow flesh freestone peach designated by code number '3P1236' (unpatented) as the selected pollen parent. The fruit of this cross was gathered that summer, and the seeds were removed, cracked, stratified, germinated, and grown as seedlings on their own root in a greenhouse. Upon reaching dormancy the seedlings were transplanted as a group to a cultivated area of an experimental orchard near Le Grand, California in Merced County (San Joaquin Valley). During the fruit evaluation season of 2004, the present variety was selected from a group of seedlings described above. Subsequent to origination of the present variety of peach tree, it was asexually reproduced by budding and grafting in the experimental orchard described above, and such reproduction of plant and fruit characteristics were true to the original plant in all respects. The reproduction of the variety included the use of 'Nemaguard' (unpatented) rootstock upon which the present variety was compatible and true to type. Breeder: Lowell Glen Bradford, Le Grand California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	flesh colour	white
Fruit	hue of over colour of skin	dark red
Petal	shape	circular
Fruit	firmness of flesh	firm
Fruit	shape	circular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments

'Snow Duchess'	USPP #17,281
'Pearl Princess V'	USPP #19919

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

Organ/Plant Part: Context	'Glacier Queen'	'Pearl Princess V'	'Snow Duchess'
☐ *Tree: size	very large		
☐ Tree: vigour	medium		
☐ *Tree: habit	spreading		
☐ Flowering shoot: thickness	medium		
☐ Flowering shoot: length of internodes	medium		
☐ Flowering shoot: presence of anthocyanin colouration	present		
☐ Flowering shoot: intensity of anthocyanin colouration			
☐ Flowering shoot: density of flower buds	medium		
☐ *Flower: type	rosette		
☐ *Corolla: main colour (inner side)	light pink		
☐ *Petal: shape	circular	circular	circular
☐ Petal: width (varieties with flower type only)			
☐ *Petal: width (varieties with flower type: rosette only)	medium		
☐ *Flower: number of petals	five		
☐ Stamen: position compared to petals	at same level		
☐ *Stigma: position compared to anthers	same level		
☐ *Anthers: pollen	present		
☐ *Ovary: pubescence	absent		
☐ Stipule: length	medium		
☐ *Leaf blade: length	long		
☐ *Leaf blade: width	medium		
☐ *Leaf blade: ratio length/width	low		
☐ Leaf blade: shape in cross section	concave		
☐ Leaf blade: margin	shallow serrate		
☐ Leaf blade: angle at base	acute		

☐ Leaf blade: angle at apex	very small to small		
☐ Leaf blade: colour	medium green		
☐ Leaf blade: red mid vein on the lower side	absent		
☐ Petiole: length	medium		
☐ *Petiole: nectaries	present		
☒ *Petiole: shape of nectaries	round	reniform	reniform
☒ *Fruit: size	very large	large	large
☐ *Fruit: shape (in ventral view)	circular	circular	circular
☐ Fruit: mucron tip at pistil end	present		
☐ Fruit: shape of pistil end (excluding mucron tip)	weakly pointed		
☐ Fruit: symmetry (viewed from pistil end)	symmetric		
☐ Fruit: prominence of suture			
☐ Fruit: depth of stalk cavity			
☐ Fruit: width of stalk cavity			
☒ *Fruit: ground colour of skin	pink white	greenish yellow	pink white
☒ *Fruit: relative area of over colour of skin	medium	large	large
☐ Fruit: hue of over colour of skin	dark red	dark red	dark red
☐ Fruit: pattern of over colour of skin	solid flush		
☐ *Fruit: pubescence of skin	present		
☐ *Fruit: density of pubescence of skin	medium		
☐ Fruit: glossiness (varieties with fruit pubescence: absent only)			
☐ Fruit: conspicuousness of lenticels (varieties with fruit pubescence: absent only)			
☐ Fruit: thickness of skin	medium		
☐ Fruit: adherence of skin to flesh	medium to strong		
☐ *Fruit: firmness of flesh	firm	firm	firm
☐ *Fruit: carotenoid colouration of flesh	white		
☐ *Fruit: anthocyanin colouration of flesh next to skin	weak		

☐ *Fruit: anthocyanin colouration of flesh in central part of flesh	weak		
☐ *Fruit: anthocyanin colouration of flesh around stone	strong		
☐ Fruit: flesh fiber	strong		
☐ Fruit: sweetness	medium		
☐ *Fruit: acidity	low		
☐ *Stone: size compared to fruit	medium to large		
☐ *Stone: shape (in lateral view)	elliptic		
☐ Stone: anthocyanin colouration	strong		
☐ Stone: intensity of brown colour	medium		
☐ Stone: relief of surface	predominantly grooves		
☐ Stone: tendency to split	very low to low		
☐ Stone: adherence to flesh	absent		
☐ Stone: degree of adherence to flesh	very weak		
☐ Time of: beginning of leaf bud burst	medium		
☐ *Time of: beginning of flowering	early to medium		
☒ *Time of: maturity for consumption	medium to late	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Glacier Queen'	'Pearl Princess V'	'Snow Duchess'
☒ **Leaf gland: shape**	globose	reinform	reinform
☒ **Fruit: chilling hour requirements**	450 chilling hours	500 chilling hours	
☒ **Fruit: maturity**	late	early	early

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	**2011**	**Granted**	**'Glacier Queen'**

First sold in USA in January 2017.

Description: Krys Lockhart, Narre Warren Nth, VIC 3804

Peach (*Prunus persica*) variety ‘Glacier Queen’

Details of Application

Application Number	2020/117
Variety Name	'Candysweet X'
Genus Species	*Prunus persica* var. *nucipersica*
Common Name	Nectarine
Synonym	'Springsugarine'
Accepted Date	11-Aug-2020
Applicant	Lowell Glen Bradford, Le Grand California, USA
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	*USPTO*
Overseas Data Reference Number	*US PP19,914 P2*
Location	Le Grand, California, Merced County (San Joaquin Valley)
Descriptor	TG53/6
Period	1996-2007
Conditions	As per US plant patent
Trial Design	As per USDA requirements
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: The present variety was hybridised in 1996 as a first-generation cross using 'Ruby Diamond'(USPP #7918) nectarine as the selected seed parent and 'Candy White'' (USPP #10,924) nectarine as the selected pollen parent. The fruit of this cross was gathered in the summer of 1996, and the seeds were removed, cracked, stratified, germinated, and grown as seedlings on their own root in a greenhouse. Upon reaching dormancy, the group of seedlings was transplanted to a cultivated area of an experimental orchard located near Le Grand, California., in Merced County (San Joaquin Valley). During the fruit evaluation season of 2000, the present variety was selected as a single tree from the group of seedlings described above. Subsequent to origination of the present variety of nectarine tree, it was asexually reproduced by budding and grafting in the experimental orchard described, and such reproduction of plant and fruit characteristics were true to type to the original plant in all respects. The reproduction of the variety included the use of 'Nemaguard' (unpatented) rootstock upon which the present variety was compatible and true to type. Breeder: Lowell Glen Bradford, Le Grand California, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flesh	firmness	firm
Fruit	flesh colour	yellow
Fruit	skin colour	full red
Fruit	acidity	sub-acidic

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sugarine I'	USPP #16585

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

Organ/Plant Part: Context	'Candysweet X'	'Sugarine I'
*Tree: size	medium	medium
Tree: vigour	medium to strong	medium
*Tree: habit	spreading	spreading
*Flowering shoot: anthocyanin colouration	present	present
*Flowering shoot: intensity of anthocyanin colouration	medium	weak to medium
*Flowering shoot: density of flower buds	medium	medium
*Flower: type	showy	showy
*Calyx: colour of inner side	orange	orange
*Petal: shape	broad elliptic	round
*Petal: size	medium	medium
*Petals: number	five	five
Stamens: position compared to petals	same level	same level
*Stigma: position compared to anthers	same level	same level
*Anthers: pollen	present	present
*Ovary: pubescence	absent	absent
Young shoot: length of stipule	medium	
*Petiole: nectaries	present	present
*Petiole: shape of nectaries	reniform	round
Petiole: predominant number of nectaries	more than two	more than two
*Fruit: size	medium	medium
*Fruit: shape	round	round
*Fruit: shape of pistil end	weakly depressed	weakly depressed
Fruit: symmetry	symmetric	symmetric
Fruit: prominence of suture	medium	weak
Fruit: depth of stalk cavity	medium	
Fruit: width of stalk cavity	medium	
*Fruit: ground colour	orange yellow	orange yellow
Fruit: over colour	present	present
Fruit: hue of over colour	dark red	dark red
*Fruit: pattern of over colour	solid flush	solid flush
*Fruit: extent of over colour	large to very large	large

☐ *Fruit: pubescence	absent	absent
☐ *Fruit: density of pubescence	very sparse	very sparse
☐ Fruit: thickness of skin	medium	medium
☐ *Fruit: firmness of flesh	firm	firm
☐ *Fruit: ground colour of flesh	orange yellow	yellow
☐ *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
☐ *Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	absent or very weakly expressed
☐ *Fruit: anthocyanin colouration around stone	weakly expressed	weakly expressed
☐ Fruit: texture of the flesh	fibrous	fibrous
☒ Fruit: sweetness	medium	high to very high
☐ Fruit: acidity	low	low
☐ *Stone: size compared to fruit	small to medium	medium to large
☐ *Stone: shape	elliptic	oblate
☐ Stone: intensity of brown colour	medium	medium to dark
☐ Stone: relief of surface	pits and grooves	grooves
☐ Stone: tendency of splitting	low	low
☐ *Stone: adherence to flesh	present	present
☐ Stone: degree of adherence to flesh	strong	strong
☐ *Duration of: flowering	medium	medium
☐ *Time of: maturity for consumption	medium	medium

Characteristics Additional to the Descriptor/TG

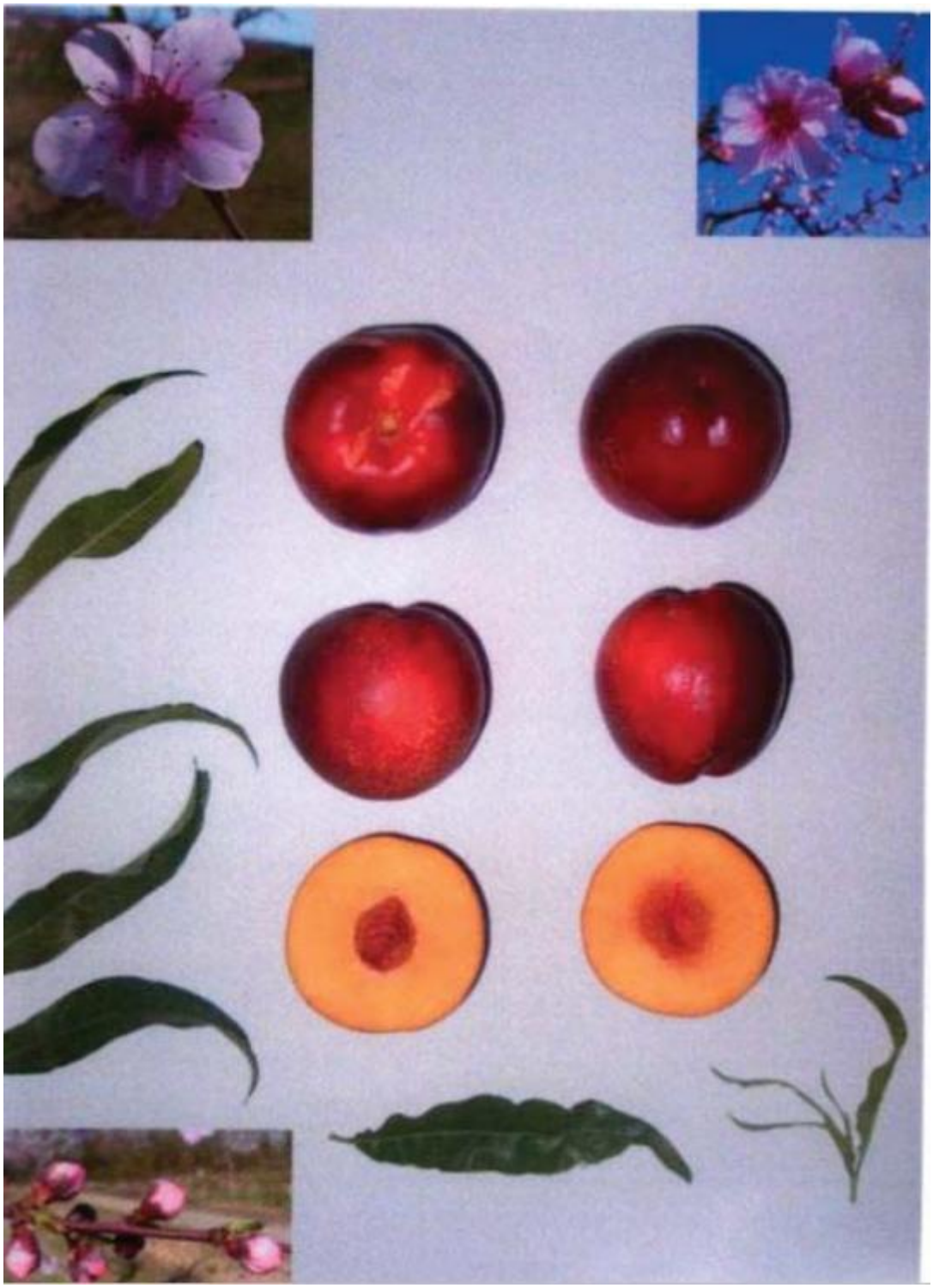
Organ/Plant Part: Context	'Candysweet X'	'Sugarine I'
☒ **Fruit skin: freckling**	medium freckling	low freckling
☒ **Fruit: maturity timing**	early	medium

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	**2007**	**Approved**	'Candysweet X'

First sold in the USA in January 2017 and Australia in July 2019.

Description: **Krys Lockhart, Narre Warren Nth, VIC 3804**



Nectarine (*Prunus persica var. nucipersica*) variety 'Candysweet X'

Details of Application

Application Number	2020/118
Variety Name	'Plumsweet XVI'
Genus Species	*Prunus salicina*
Common Name	Japanese Plum
Accepted Date	16-Sep-2020
Applicant	Lowell Glen Bradford & Jon M Quisenberry, California, USA
Agent	Krys Lockhart, Narre Warren, VIC.
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	*USPTO*
Overseas Data Reference Number	US PP26,055 P3
Location	Le Grand, California, Merced County (San Joaquin Valley)
Descriptor	Japanese Plum (*Prunus salicina*) TG 84/4 Corr.2 Rev.
Period	2004-2013
Conditions	As per US Plant Patent
Trial Design	As per USDA
Measurements	As per USDA
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: USPP #26055. During a typical blooming season both individual and groups of different plum trees were isolated as seed parents by covering them with screen houses. A hive of bees was placed inside each house, and bouquets to provide pollen from different plum, apricot, and interspecific hybrid trees were placed in buckets near the trees approximately every two days for the duration of the bloom. During 2004 one such house containing 'Plumsweettwo' (USPP #14,196) plum tree was crossed in this manner. To pollinate this plum, bouquets were selected from several sources of apricot and interspecific hybrid trees without keeping specific written details. Upon reaching maturity the fruit from this plum tree was harvested and the seeds were removed, cracked, stratified and germinated as a group with the label 'H15'. They were grown as seedlings on their own root in a greenhouse and upon reaching dormancy transplanted to a cultivated area of an experimental orchard located near Le Grand, California in Merced County (San Joaquin Valley). During the summer of 2008 the claimed variety was selected as a single plant from the group of seedlings described above. Subsequent to origination of the present variety of interspecific tree, it was asexually reproduced by budding and grafting in the experimental orchard described. Breeders: Lowell Glen Bradford & Jon M Quisenberry, Le Grand California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	interspecific
Tree	fertility	self-unfruitful
Fruit	flesh colour	red
Fruit	firmness of flesh	firm
Fruit	juiciness	strong
Fruit	flavour	sweet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Plumsweet XIV'	USPP #23,686

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

Organ/Plant Part: Context	'Plumsweet XVI'	'Plumsweet XIV'
☐ Tree: vigour	medium to strong	
☐ Tree: density of the head	dense	
☐ *Leaf blade: shape	elliptic	
☐ *Leaf blade: angle of the tip	pointed	
☐ Leaf blade: green colour of upper side	medium	
☐ Leaf blade: incisions of margin	serrate	
☐ *Petiole: length	medium	
☐ Leaf: position of glands	on both leaf base and petiole	
☐ *Peduncle: length	medium	
☐ Flowers: size	medium	
☐ Flower: overlapping of petals	free to touching	
☐ Petal: size	medium to large	
☐ *Petal: shape	transverse broad elliptic	
☐ Petal: undulation of margin	weak to medium	
☐ Stigma: position as compared with anthers	same level	
☒ *Fruit: size	large	medium
☐ *Fruit: general shape	rounded	
☐ *Fruit: position of maximum diameter	at centre	
☐ *Fruit: symmetry	symmetric	
☐ Fruit: shape of apex	flat	
☐ Fruit: depth of stalk cavity	medium	
☒ *Fruit: ground colour of skin	red- green	yellow
☐ *Fruit: colour of flesh	red	red
☐ Fruit: firmness of flesh	firm	firm
☐ Fruit: juiciness	strong	strong

☐ Fruit: acidity	medium to strong
☐ Fruit: sweetness	medium to high
☐ *Fruit: degree of adherence of stone to flesh	fully adherent
☐ *Stone: size	small to medium
☐ *Stone: general shape in profile	long-elliptical
☐ Stone: shape in ventral view	globular
☐ Stone: shape in basal view	long-elliptical
☐ Stone: symmetry in profile	asymmetric
☐ Stone: symmetry in ventral view	symmetric
☐ *Stone: position of maximum width	at centre
☐ Stone: sharpness of the edges	weak to medium
☐ Stone: width of ventral zone	narrow to medium
☐ Stone: width of stalk-end	narrow
☐ Stone: angle of stalk-end	acute
☐ Stone: shape of pistil end	pointed
☐ *Time of: flowering	medium to late
☐ *Time of: ripening	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Plumsweet XVI'	'Plumsweet XIV'
☒ **Fruit: skin cracking**	less prone	more prone
☐ **Fruit: shape**	more oblate	less oblate

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	**2013**	**Granted**	'Plumsweet XVI'

First sold in USA in January 2017.

Description: Krys Lockhart, Narre Warren Nth, VIC 3804.

Japanese Plum (*Prunus salicina*) variety ‘Plumsweet XVI’

Details of Application

Application Number	2020/119
Variety Name	'Plumcandy XI'
Genus Species	*Prunus salicina*
Common Name	Japanese Plum
Accepted Date	16-Sep-2020
Applicant	Lowell Glen Bradford & Jon M Quisenberry, California, USA
Agent	Krys Lockhart, Narre Warren, VIC.
Qualified Person	Krys Lockhart

Details of Comparative Trial

Overseas Testing Authority	*USPTO*
Overseas Data Reference Number	US PP29,050 P2
Location	Le Grand, CA, USA
Descriptor	Japanese Plum (*Prunus salicina*) TG 84/4 Corr.2 Rev.
Period	Summer 2013 (Northern Hemisphere)
Conditions	As per US Patent
Trial Design	As per USDA requirement
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: During a typical blooming season seed parents of different plum trees as both individual and groups were isolated by covering them with screen houses. A hive of bees is placed inside each house, and bouquets to provide pollen from different plum, apricot, and interspecific hybrid trees are placed in buckets near the trees approximately every two days for the duration of bloom. During 2007 one such house containing 'Black Majesty' plum tree (USPP #19527) was crossed in this manner. To pollinate this plum tree, bouquets were selected from several sources of plum trees without keeping specific written details. Upon reaching maturity the fruit from this plum tree was harvested, and the seeds were removed, cracked, stratified and germinated as a group with the label 'H21'. They were grown as seedling on their own root in a greenhouse and upon reaching dormancy transplanted to a cultivated area of an experimental orchard located near Le Grand, California in Merced County (San Joaquin Valley). During the Summer of 2013 the claimed variety was selected as a single plant from the group of seedlings described. Subsequent to the origination of the present variety of plum tree, it was asexually reproduced by budding and grafting in the experimental orchard described, and such reproductions were true to the original tree in all respects. The reproduction of the variety included the use of 'Nemaguard' (unpatented) rootstock upon which the present variety was compatible and true to type. Breeders: Lowell Glen Bradford & Jon M Quisenberry, California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	productivity	productive
Tree	fertility	self-unfruitful
Fruit	skin colour	dark red
Fruit	flesh colour	yellow

Fruit	acidity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'September Yummy'	USPP #14220

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

Organ/Plant Part: Context	'Plumcandy XI'	'September Yummy'
☐ Tree: type of bearing	on spurs and long shoots	
☐ Tree: vigour	medium	
☐ *Tree: habit	upright	
☐ *Leaf blade: length	medium	
☐ *Leaf blade: width	medium	
☐ *Leaf blade: length/width ratio	moderately elongated	
☐ *Leaf blade: shape	elliptic	
☐ *Leaf blade: colour of upper side	medium green	
☐ *Leaf blade: angle of apex (excluding tip)	acute	
☐ *Leaf blade: incisions of margin	serrate	
☐ *Petiole: length	medium	
☐ Leaf: position of nectaries	equally on base of leaf blade and on petiole	
☐ *Pedicel: length	medium	
☐ Flower: diameter	medium	
☐ Flower: arrangement of petals (flowers with 5 petals only)	overlapping	
☐ *Sepal: shape	broad ovate	
☐ *Petal: length	medium	
☐ *Petal: shape	oblate	
☐ Petal: undulation of margin	weak	
☐ *Stigma: position in relation to anthers	above	
☐ Fruit: length of stalk	medium	
☒ *Fruit: size	large	medium
☐ *Fruit: height	medium	
☐ *Fruit: width	medium	
☐ *Fruit: shape (in lateral view)	oblate	
☐ Fruit: symmetry	symmetric or slightly asymmetric	
☐ *Fruit: shape of base	truncate	

☐	*Fruit: depth of stalk cavity	deep	
☐	*Fruit: width of stalk cavity	medium	
☐	*Fruit: depth of suture	shallow	
☐	*Fruit: bloom of skin	absent or very weak	
☐	*Fruit: ground colour of skin	yellow	
☐	*Fruit: relative area of over colour	large	
☐	*Fruit: over colour of skin	dark red	dark red
☐	*Fruit: pattern of over colour	solid flush only	
☐	*Fruit: number of lenticels	many	
☐	*Fruit: size of lenticels	small	
☐	*Fruit: colour of flesh	yellow	yellow
☒	Fruit: firmness	firm	very firm
☒	Fruit: juiciness	high	medium
☐	Fruit: acidity	medium	medium
☐	Fruit: sweetness	medium	
☐	*Fruit: adherence of stone to flesh	adherent	
☐	Fruit: amount of fiber	medium	
☐	*Stone: size	medium	
☐	*Stone: shape in lateral view	medium elliptic	
☐	*Stone: shape in ventral view	narrow elliptic	
☐	*Stone: shape in basal view	broad elliptic	
☐	*Time of: beginning of flowering	late	
☐	*Time of: beginning of fruit ripening	late to very late	

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	**'Plumcandy XI'**	**'September Yummy'**
☒	**Tree: size**	medium	large
☒	**Flowering: timing of bloom**	late	early

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
USA	**2016**	**Granted**	'Plumcandy XI'

First sold in USA in January 2017.

Description: Krys Lockhart, Narre Warren Nth, VIC 3804

Japanese Plum (*Prunus salicina*) variety ‘Plumcandy XI’

Details of Application

Application Number	2020/159
Variety Name	'Attribute'
Genus Species	*Trifolium repens*
Common Name	White Clover
Accepted Date	21-Sep-2020
Applicant	Grasslands Innovation Limited, Lincoln, New Zealand
Qualified Person	Charlotte Burgess

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	CLO070, Grant No 34913
Location	Lincoln, New Zealand
Descriptor	TG/28/7
Period	2021 - 2024
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at AsureQuality Ltd, Lincoln, New Zealand.
Trial Design	As per UPOV test guidelines
Measurements	As per NZ UPOV test guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: In 2009 a trial of elite breeding lines and control cultivars were established in the Manawatu. Grazing management was with sheep. At the completion of the trial in 2012, selections of the best performing lines were completed. Manawatu Persistent (GWT13019) had 12 parent lines, the cultivar Tribute and 11 unreleased breeding lines with broad genetic backgrounds. four genotypes per line (48 total plants) were polycrossed summer 2012/13. A balanced bulk of the maternal & parental parents were combined to produce the synthetic GWT13019. This was increased further (2013/12) to product F2 seed. Further evaluation of this synthetic compared with control cultivars were trialled in 2014-2017. In summer 2017/18, parental screening of GWT13019 were completed and 24 Elite genotypes were selected for plant uniformity including leaf size and plant habit, seed yield characteristics and disease resistance. The selected genotypes were controlled crossed in isolation to produce a Pre-nucleus harvest 2018/19. Nucleus production was completed summer 2019/20. Breeder: John Ford, PGG Wrightson Seeds, Grasslands Innovation Ltd, Lincoln, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	prominence of white leaf marks	strong
Leaf	size of median leaflet	small to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GL Tribute'	
'Mata (TR 158)'	

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

Organ/Plant Part: Context	'Attribute'	'GL Tribute'	'Mata (TR 158)'
☐ Plant: intensity of green colour	medium to dark		
☒ Plant: density of foliage	medium	medium to high	
☐ Plant: proportion of plants with cyanid glucoside	high		
☒ *Plant: prominence of white leaf marks	strong		medium to strong
☐ *Plant: time of flowering	medium to late		
☐ Plant: height	medium to tall		
☐ Plant: width	medium to broad		
☐ Plant: growth habit	intermediate to semi-prostrate		
☐ Stem: internode length of stolon	medium		
☐ Stem: thickness of stolon	medium		
☐ Leaf: length of petiole	medium		
☐ Leaf: thickness of petiole	medium		
☐ *Leaf: length of median leaflet	short to medium		
☐ *Leaf: width of median leaflet	medium		
☐ *Leaf: size of median leaflet	small to medium		
☐ *Leaf: ratio of length to width of median leaflet	small to medium		
☐ Inflorescence: length of peduncle	medium to long		
☐ Inflorescence: thickness of peduncle	thin to medium		
☒ Plant: number of inflorescences	few to medium	medium	medium
☐ Inflorescence: diameter	medium		

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	**2020**	**Granted**	'Attribute'

Nil prior sales

Description: **Charlotte Burgess**, Rolleston, New Zealand

White Clover (*Trifolium repens*) – variety 'Attribute'

Details of Application

Application Number	2020/181
Variety Name	'PBA Kelpie'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	PBA KelpieXT
Accepted Date	22-Oct-2020
Applicant	Agriculture Victoria Services Pty Ltd, Bundoora, Vic 3083, Australia; Grains Research and Development Corporation, Barton, ACT 2600, Australia
Qualified Person	Arun Shunmugam

Details of Comparative Trial

Location	Horsham, Victoria
Descriptor	Lens culinaris TB/210/1
Period	June to December 2021
Conditions	Field conditions; Rainfed trial. The trial was sown in June 2021 in Agriculture Victoria's Horsham lentil breeding trial site with sufficient moisture to sow.
Trial Design	Randomized complete block design with 4 replications (plus and minus Imidazilinone group of herbicides). The trial was sown at 120 plants/m2 sowing rate with 5m x 1.25 m (length by width) plots with 5 rows of each.
Measurements	Emergence, early vigour, growth habitat, flowering days, maturity days, plant height, lodging, pod drop, seed shattering, dry seed weight, and tolerance to imidazolinone group of herbicides.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'PBA Kelpie' was derived from a cross between two lentil lines, 'PBA BLITZ' and '04-197L-2-05HSHI2012' in 2008. Hybridization was confirmed using seed characteristics and F_2 seed (harvested from a single plant) was sown in the field in 2009. Imidazolinone herbicide was applied to the F_2 segregating population to select tolerant plants. Individual seed was selected from surviving F_2 plants and grown over a summer generation. F_3-derived F_4 rows were sown in the field in 2010 and imidazolinone herbicide was again applied to them to select tolerant plants. Surviving plants were bulk-harvested and resown in 2011 in a plot trial with a third round of imidazolinone herbicide for selection and single-plant picking. Based on agronomic and visual seed traits 'PBA KelpieXT' was selected for further regional evaluation in field and controlled environmental conditions from 2012-2018. 'PBA KelpieXT' was selected for release based on a combination of agronomic traits, higher yield across different growing regions, early-mid maturity, resistance to Ascochyta blight, and Botrytis Grey Mould and grain characteristics (grey seed coated large red lentil). Any intolerant contaminants of 'PBA KelpieXT' were removed during seed multiplication by applying imidazolinone herbicide to pure seed lots. Breeder: Arun Shunmugam and Garry Rosewarne, Agriculture Victoria. Horsham, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange
Dry seed	testa colour	ochre

Flower	colour of standard	blue
Dry seed	number of colours	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Highland XT'	Orange coloured seed cotyledons with ochre coloured testa and Imidazolinone herbicide group tolerance similar to PBA Kelpie XT.
'Nipper'	Orange coloured seed cotyledons with ochre coloured testa similar to PBA Kelpie XT.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Jumbo'	plant tolerance to imidazolinone herbicides	tolerant	intolerant	
'Mt Byron'	dry seed main colour of testa	ochre	black	

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

Organ/Plant Part: Context	'PBA Kelpie'	'Nipper'	'PBA Highland XT'
☐ *Cotyledon: colour	orange	orange	orange
☒ Plant: habit	erect to semi-erect	erect to semi-erect	erect
☒ *Plant: height	tall	short	tall
☒ Plant: intensity of ramification	medium	weak to medium	very weak to weak
☐ Leaf: shape	ovate	ovate	ovate
☐ Leaf: intensity of green colour	medium	medium	medium
☐ Leaf: number of leaflets	medium	medium	medium
☐ Leaflet: size	medium	medium	medium
☐ Raceme: number of flowers per node	two to three	two to three	two to three
☐ Flower: size	medium	medium	medium
☐ *Flower: colour of standard	blue	blue	blue
☐ Flower: violet stripes of standard	present	present	present
☐ Pod: intensity of colour	medium	medium	medium
☐ Pod: number of ovules	mainly two	mainly two	mainly two
☐ *Pod: colour at dry harvest maturity	yellow	yellow	yellow
☐ Pod: shape of apex	truncate	truncate	truncate
☒ *Dry seed: width	broad	narrow	narrow to medium

☐ *Dry seed: profile in longitudinal section	elliptic	elliptic	elliptic
☐ *Dry seed: number of colours	one	one	one
☐ *Dry seed: main colour of testa	ochre	ochre	ochre
☒ *Dry seed: weight	high	very low	low
☒ *Time of: flowering	early to medium	medium	early
☒ Time of: maturity	early to medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA Kelpie'	'Nipper'	'PBA Highland XT'
☒ **Flower: standard petal: Violet stripes of standard**	dark violet	light violet	light violet
☒ **Plant: tolerance to Imidazolinone herbicides**	tolerant	intolerant	tolerant

Statistical Table

Organ/Plant Part: Context	'PBA Kelpie'	'Nipper'	'PBA Highland XT'
☐ **Seed: dry weight (g)**			
Mean	4.35	2.94	3.28
Std. Deviation	0.03	0.04	0.05
Lsd/sig	0.001	P≤0.01	P≤0.01
☐ **Time of: maturity (days)**			
Mean	138.00	145.00	143.00
Std. Deviation	0.82	1.41	0.82
Lsd/sig	0.001	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or application.

Description: **Arun Shunmugam**, Agriculture Victoria. Horsham, VIC.

Lens culinaris 'PBA Kelpie' (Synonym: PBA KelpieXT) (Generation 1 and Generation 2) with comparators 'PBA Highland XT' and 'Nipper' showing Imidazolinone herbicide tolerance. 'Nipper' is intolerant to the herbicide.

Details of Application

Application Number	2020/193
Variety Name	'SUGRAFIFTYTWO'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	SUGRA52
Accepted Date	26-Mar-2021
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Corrs Chambers Westgarth, Vic 3001, Australia
Qualified Person	Garry Langford

Details of Comparative Trial

Overseas Testing Authority	CPVO/CREA-VE Conegliano Italy
Overseas Data Reference Number	2019/3451
Location	CREA-VE Via Casoni, 13/A, 31058, Susegana, Italy
Descriptor	CPVO-TP/050/2 Final (grapevine)
Period	2022-2023
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report

Origin and Breeding

Controlled crossing was completed in April 2012, first flowering of seedlings was in April 2015. First observations of the candidate were made in the Coachella Valley in California in 2015. The selection criteria was based on berry colour, timing of production, production potential and fruit flavour. Breeder: Bacon, Terry A, Sun World International, LLC, Bakersfield, CA, USA

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Young shoot	openness of tip	wide open
Young leaf	prostrate hairs betwenn main veins on lower side of blade	absent or very sparse
Flower	sexual organs	Fully developed stamens and fully developed gynoecium
Fruit	time of beginning of berry ripening	early
Berry	shape	broad ellipsoid
Young leaf	colour of upper side of blade	green with anthocyanin spots

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'IFG Twenty Two' (Breeder's reference: IFG 08037-090-012)	Identified by the CPVO as the most similar variety

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

Organ/Plant Part: Context	'SUGRAFIFTYTWO'	'IFG Twenty Two'
☐ *Time of: bud burst	early	
☐ *Young shoot: openness of tip	wide open	
☐ *Young shoot: prostrate hairs on tip	absent or very sparse	
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
☐ Young shoot: erect hairs on tip	absent or very sparse	
☐ *Young leaf: colour of upper side of blade	green with anthocyanin spots	
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Shoot: attitude (before tying)	semi-erect	
☐ Shoot: colour of dorsal side of internodes	green and red	
☐ *Shoot: colour of ventral side of internodes	green	
☐ Shoot: colour of dorsal side of nodes	green and red	
☐ Shoot: colour of ventral side of nodes	green	
☐ Shoot: erect hairs on internodes	absent or very sparse	
☐ Shoot: length of tendrils	long	
☐ *Flower: sexual organs	fully developed stamens and reduced gynoecium	
☐ *Mature leaf: size of blade	medium	
☒ *Mature leaf: shape of blade	wedge-shaped	pentagonal
☐ Mature leaf: blistering of upper side of blade	absent or very weak	
☐ *Mature leaf: number of lobes	five	
☐ Mature leaf: depth of upper lateral sinuses	medium	
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	
☐ *Mature leaf: arrangement of lobes of petiole sinus	wide open	
☐ *Mature leaf: length of teeth	medium	
☐ *Mature leaf: ratio length/width of teeth	medium	
☐ *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	
☐ *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	

☐ Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
☐ *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Mature leaf: length of petiole compared to length of middle vein	moderately shorter	
☐ *Time of: beginning of berry ripening	early	
☐ *Bunch: size (peduncle excluded)	large	
☒ *Bunch: density	lax	medium
☐ Bunch: length of peduncle of primary bunch	medium	
☐ *Berry: size	large	
☐ *Berry: shape	broad ellipsoid	
☒ *Berry: colour of skin (without bloom)	yellow green	dark red violet
☐ Berry: ease of detachment from pedicel	difficult	
☐ Berry: thickness of skin	medium	
☐ *Berry: anthocyanin colouration of flesh	absent or very weak	
☐ Berry: firmness of flesh	very firm	
☐ *Berry: particular flavour	other than muscat, foxy or herbaceous	
☐ *Berry: formation of seeds	rudimentary	
☐ Woody shoot: main colour	dark brown	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'SUGRAFIFTYTWO'
USA	2017	Granted	'SUGRAFIFTYTWO'
South Africa	2020	pending	'SUGRAFIFTYTWO'
Chile	2020	pending	'SUGRAFIFTYTWO'
Mexico	2020	pending	'SUGRAFIFTYTWO'
Israel	2020	pending	'SUGRAFIFTYTWO'
Egypt	2020	pending	'SUGRAFIFTYTWO'

First sold in USA on 16th July 2019 as 'SUGRAFIFTYTWO'.

Description: **Garry Langford**, Tasmania

Vitis vinifera (Grape vine) ‘SUGRAFIFTYTWO’

Details of Application

Application Number	2020/194
Variety Name	'SUGRAFIFTYTHREE'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	SUGRA53
Accepted Date	19-Mar-2021
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Corrs Chambers Westgarth, Vic 3001, Australia
Qualified Person	Garry Langford

Details of Comparative Trial

Overseas Testing Authority	CREA-VE Conegliano Italy
Overseas Data Reference Number	2019/3453
Location	CREA-VE Via Casoni, 13/A, 31058, Susegana, Italy
Descriptor	CPVO-TP/050/2
Period	2020-2023
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report

Origin and Breeding

Controlled Pollination: crossing was completed in April 2014, first observations were made in Wasco, Kern County, California. The candidate was selected in July of 2016 and has been through three generations of propagation. Selection criteria were timing of maturity, berry colour, berry flavour and production potential. Breeder: Bacon, Terry A and Frett, J. Terrence, Sun World International, LLC, Bakersfield, CA, USA

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Young shoot	openness of tip	fully open
Young leaf	prostrate hairs between main veins on lower side of blade	medium
Flower	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	5
Berry	time of beginning of berry ripening	early
Berry	shape	broad ellipsoid
Berry	anthocyanin coloration of flesh	weak
Berry	particular flavour	other than muscat, foxy or herbaceous
Berry	formation of seeds	rudimentary

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments

'IFG Nineteen' (Breeder's reference: IFG 06053-106-228)

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

Organ/Plant Part: Context	'SUGRAFIFTYTHREE'	'IFG Nineteen'
☐ *Time of: bud burst	early	
☐ *Young shoot: openness of tip	fully open	
☐ *Young shoot: prostrate hairs on tip	sparse	
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
☐ Young shoot: erect hairs on tip	absent or very sparse	
☒ *Young leaf: colour of upper side of blade	green with anthocyanin spots	green
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	medium	
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Shoot: attitude (before tying)	semi-erect	
☐ Shoot: colour of dorsal side of internodes	green and red	
☐ *Shoot: colour of ventral side of internodes	green	
☐ Shoot: colour of dorsal side of nodes	green and red	
☐ Shoot: colour of ventral side of nodes	green	
☐ Shoot: erect hairs on internodes	absent or very sparse	
☐ Shoot: length of tendrils	medium	
☐ *Flower: sexual organs	fully developed stamens and fully developed gynoecium	
☐ *Mature leaf: size of blade	large	
☐ *Mature leaf: shape of blade	pentagonal	
☐ Mature leaf: blistering of upper side of blade	weak	
☐ *Mature leaf: number of lobes	five	
☐ Mature leaf: depth of upper lateral sinuses	medium	
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	
☐ *Mature leaf: arrangement of lobes of petiole sinus	slightly open	
☐ *Mature leaf: length of teeth	medium	
☐ *Mature leaf: ratio length/width of teeth	medium	
☐ *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	

☐ *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	sparse	
☐ *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Mature leaf: length of petiole compared to length of middle vein	moderately shorter	
☐ *Time of: beginning of berry ripening	early	
☐ *Bunch: size (peduncle excluded)	large	
☐ *Bunch: density	lax	
☐ Bunch: length of peduncle of primary bunch	short	
☐ *Berry: size	large	
☐ *Berry: shape	broad ellipsoid	
☒ *Berry: colour of skin (without bloom)	dark red violet	red
☐ Berry: ease of detachment from pedicel	moderately easy	
☐ Berry: thickness of skin	thick	
☐ *Berry: anthocyanin colouration of flesh	weak	
☐ Berry: firmness of flesh	very firm	
☐ *Berry: particular flavour	other than muscat, foxy or herbaceous	
☐ *Berry: formation of seeds	rudimentary	
☐ Woody shoot: main colour	dark brown	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'SUGRAFIFTYTHREE'
USA	2017	Granted	'SUGRAFIFTYTHREE'
South Africa	2020	pending	'SUGRAFIFTYTHREE'
Chile	2020	pending	'SUGRAFIFTYTHREE'
Mexico	2020	pending	'SUGRAFIFTYTHREE'
Israel	2020	pending	'SUGRAFIFTYTHREE'
Egypt	2020	pending	'SUGRAFIFTYTHREE'

No prior sale.

Description: **Garry Langford**, Tasmania

Vitis vinifera (Grape vine) ‘SUGRAFIFTYTHREE’

Details of Application

Application Number	2020/195
Variety Name	'SUGRAFIFTYFOUR'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	SUGRA54
Accepted Date	19-Mar-2021
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Corrs Chambers Westgarth Lawyers, Melbourne, Australia
Qualified Person	Garry Langford

Details of Comparative Trial

Overseas Testing Authority	CPVO/CREA-VE Conegliano Italy
Overseas Data Reference Number	2019/3454
Location	CREA-VE Via Casoni, 13/A, 31058, Susegana, Italy
Descriptor	CPVO-TP/050/2 Final (grapevine)
Period	2020-2023
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	

Origin and Breeding

Controlled Pollination: Crossing was completed in April 2012. the first observations were made at Wasco, Kern County, California. The candidate was selected in August of 2014. The selection criteria were based on timing of maturity, berry colour, berry flavour and production potential. Breeder: Bacon, Terry A, Sun World International, LLC, Bakersfield, CA, USA

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Young shoot	openness of tip	wide open
Young leaf	prostrate hairs between main veins on lower side of blade	absent or very sparse
Young leaf	colour of upper side of blade	green with anthocyanin spots
Flower	sexual organs	Fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	5
Berry	time of beginning of berry ripening	early
Berry	particular flavour	muscat
Berry	formation of seeds	rudimentary

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'IFG Thirty Three' (Breeder's reference: IFG09057-021-283)	

Varieties of Common Knowledge identified above and subsequently excluded

VarietyDistinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments

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

Organ/Plant Part: Context	'SUGRAFIFTYFOUR'	'IFG Thirty Three'
☐ *Time of: bud burst	medium	
☐ *Young shoot: openness of tip	wide open	
☐ *Young shoot: prostrate hairs on tip	absent or very sparse	
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
☐ Young shoot: erect hairs on tip	absent or very sparse	
☐ *Young leaf: colour of upper side of blade	green with anthocyanin spots	
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Shoot: attitude (before tying)	erect	
☐ Shoot: colour of dorsal side of internodes	green and red	
☐ *Shoot: colour of ventral side of internodes	green	
☐ Shoot: colour of dorsal side of nodes	green and red	
☐ Shoot: colour of ventral side of nodes	green	
☐ Shoot: erect hairs on internodes	absent or very sparse	
☐ Shoot: length of tendrils	medium	
☐ *Flower: sexual organs	fully developed stamens and fully developed gynoecium	
☐ *Mature leaf: size of blade	large	
☒ *Mature leaf: shape of blade	pentagonal	wedge-shaped
☐ Mature leaf: blistering of upper side of blade	absent or very weak	
☐ *Mature leaf: number of lobes	five	
☐ Mature leaf: depth of upper lateral sinuses	medium	
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	
☐ *Mature leaf: arrangement of lobes of petiole sinus	half open	
☐ *Mature leaf: length of teeth	medium	

☐	*Mature leaf: ratio length/width of teeth	medium	
☐	*Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	
☐	*Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	
☐	Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
☐	*Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐	Mature leaf: length of petiole compared to length of middle vein	much shorter	
☐	*Time of: beginning of berry ripening	early	
☐	*Bunch: size (peduncle excluded)	very large	
☐	*Bunch: density	medium	
☐	Bunch: length of peduncle of primary bunch	medium	
☐	*Berry: size	large	
☐	*Berry: shape	broad ellipsoid	
☒	*Berry: colour of skin (without bloom)	yellow green	dark red violet
☐	Berry: ease of detachment from pedicel	moderately easy	
☐	Berry: thickness of skin	medium	
☐	*Berry: anthocyanin colouration of flesh	absent or very weak	
☐	Berry: firmness of flesh	very firm	
☐	*Berry: particular flavour	muscat	
☐	*Berry: formation of seeds	none	
☐	Woody shoot: main colour	yellowish brown	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'SUGRAFIFTYFOUR'
USA	2018	Granted	'SUGRAFIFTYFOUR'
South Africa	2020	pending	'SUGRAFIFTYFOUR'
Chile	2020	pending	'SUGRAFIFTYFOUR'
Mexico	2020	pending	'SUGRAFIFTYFOUR'

No prior sale.

Description: **Garry Langford**, Tasmania

Vitis vinifera (Grape vine) 'SUGRAFIFTYFOUR'

Details of Application

Application Number	2020/196
Variety Name	'SUGRAFIFTYFIVE'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	SUGRA55
Accepted Date	19-Mar-2021
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Corrs Chambers Westgarth, Melbourne, Australia
Qualified Person	Garry Langford

Details of Comparative Trial

Overseas Testing Authority	CPVO/CREA-VE Conegliano Italy
Overseas Data Reference Number	2019/3455
Location	CREA-VE Via Casoni, 13/A, 31058, Susegana, Italy
Descriptor	CPVO-TP/050/2 Final grapevine
Period	2020-2023
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The crossing was completed in May 2012 in Wasco, Kern County, California. The candidate was selected in July 2015. The selection criteria were timing of maturity, berry flavour and production potential. Breeder: Bacon, Terry A, Sun World International, LLC, Bakersfield, CA, USA

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Young shoot	openness of tip	wide open
Young leaf	colour of upper side of blade	green with anthocyanin spots
Flower	sexual organs	Fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	5
Berry	time of beginning of berry ripening	early
Berry	anthocyanin coloration of flesh	weak
Berry	particular flavour	other than muscat, foxy or herbaceous
Berry	formation of seeds	rudimentary

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sugrathirtyeight	'

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

Organ/Plant Part: Context	'SUGRAFIFTYFIVE'	'Sugrathirtyeight'
[ ] *Time of: bud burst	early	
[ ] *Young shoot: openness of tip	wide open	
[ ] *Young shoot: prostrate hairs on tip	absent or very sparse	
[ ] *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
[ ] Young shoot: erect hairs on tip	absent or very sparse	
[ ] *Young leaf: colour of upper side of blade	green with anthocyanin spots	
[ ] *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
[ ] Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
[ ] Shoot: attitude (before tying)	semi-erect	
[ ] Shoot: colour of dorsal side of internodes	green and red	
[ ] *Shoot: colour of ventral side of internodes	green	
[ ] Shoot: colour of dorsal side of nodes	red	
[ ] Shoot: colour of ventral side of nodes	green	
[ ] Shoot: erect hairs on internodes	absent or very sparse	
[ ] Shoot: length of tendrils	long	
[ ] *Flower: sexual organs	fully developed stamens and reduced gynoecium	
[ ] *Mature leaf: size of blade	large	
X [ ] *Mature leaf: shape of blade	pentagonal	wedge-shaped
[ ] Mature leaf: blistering of upper side of blade	absent or very weak	
[ ] *Mature leaf: number of lobes	five	
[ ] Mature leaf: depth of upper lateral sinuses	medium	
[ ] Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	
X [ ] *Mature leaf: arrangement of lobes of petiole sinus	half open	slightly overlapped
[ ] *Mature leaf: length of teeth	long	
[ ] *Mature leaf: ratio length/width of teeth	medium	
[ ] *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	
[ ] *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	

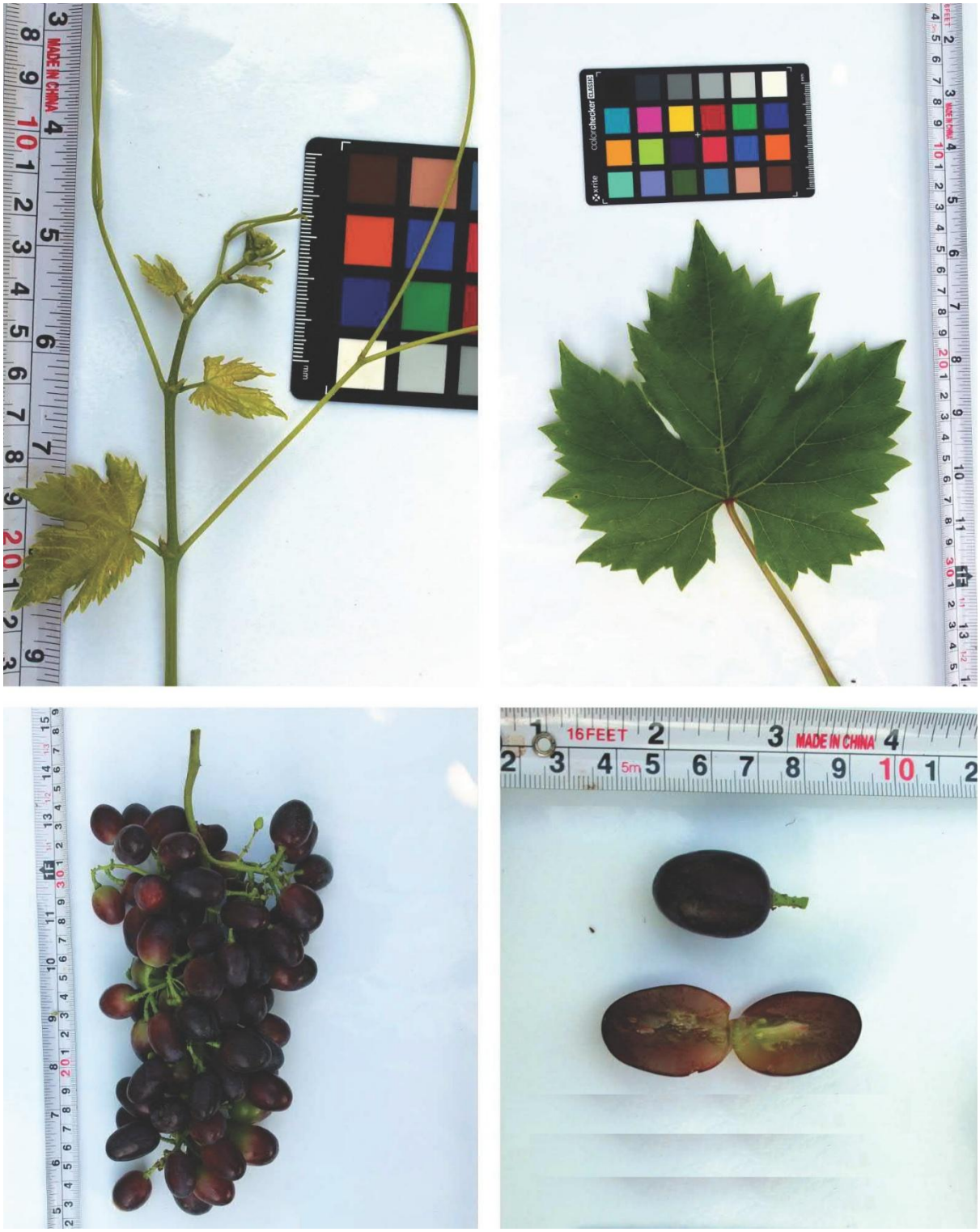
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
☐ *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
☐ Mature leaf: length of petiole compared to length of middle vein	much shorter	
☐ *Time of: beginning of berry ripening	early	
☐ *Bunch: size (peduncle excluded)	large	
X ☐ *Bunch: density	lax	medium
☐ Bunch: length of peduncle of primary bunch	medium	
☐ *Berry: size	large	
☐ *Berry: shape	broad ellipsoid	
☐ *Berry: colour of skin (without bloom)	dark red violet	
☐ Berry: ease of detachment from pedicel	moderately easy	
☐ Berry: thickness of skin	thick	
☐ *Berry: anthocyanin colouration of flesh	weak	
☐ Berry: firmness of flesh	very firm	
☐ *Berry: particular flavour	other than muscat, foxy or herbaceous	
☐ *Berry: formation of seeds	rudimentary	
☐ Woody shoot: main colour	dark brown	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'SUGRAFIFTYFIVE'
USA	2018	Granted	'SUGRAFIFTYFIVE'
South Africa	2020	pending	'SUGRAFIFTYFIVE'
Chile	2020	pending	'SUGRAFIFTYFIVE'

No prior sale.

Description: **Garry Langford**, Tasmania



Vitis vinifera (Grape vine) 'SUGRAFIFTYFIVE'

Details of Application

Application Number	2020/312
Variety Name	'BB05-251MI-14'
Genus Species	*Vaccinium* hybrid
Common Name	Southern Highbush Blueberry
Synonym	'KEEPSAKE'
Accepted Date	23-Dec-2021
Applicant	BB IP Repository, LLC, Grand Junction, Michigan, USA
Agent	Foote Intellectual Property Limited, Lower Hutt, New Zealand
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	DGAV _ DVS
Overseas Data Reference Number	2018/0917 (CPVO)
Location	NECE-ESCAROUPIM, Portugal
Descriptor	TP/137/1
Period	2019-2022
Conditions	as per UPOV test guidelines
Trial Design	as per UPOV test guidelines
Measurements	as per UPOV test guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: 'Liberty' seed parent x 'Nelson' pollen parent in a planned breeding program at South Haven, Michigan, USA in 2005. The seed parent is characterised by medium berry size, soft-medium berry firmness, lighter blue berry colour and late to very late time of ripening. The pollen parent is characterised by a medium berry size, spreading plant growth habit, soft to medium berry firmness and medium to late time of ripening. Selection took place at Muskegon, Michigan, USA in 2010. Selection criteria: good flavoured, firm and juicy, large berries with good storage ability. Propagation: vegetative by cuttings. Breeders: Edmund Wheeler and James Hancock, Michigan, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to semi-upright
Fruit	intensity of bloom	strong to very strong
Plant	fruiting type	on one year old shoots only

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'BB06-540fl-12'	
'BB06-50FL-1'	
'Elliot'	

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

Organ/Plant Part: Context	'BB05-251MI-14'	'BB06-50FL-1'	BB06-'540fl-12'	'Elliot'
☐ *Plant: vigour	strong			
☐ *Plant: growth habit	upright			upright to semi-upright
☒ One-year-old shoot: colour	reddish brown	green	greenish red	
☐ One-year-old shoot: length of internode	medium			
☒ *Leaf: length	long to very long	medium to long		medium
☐ Leaf: width	broad			
☐ Leaf: ratio length/width	large			
☐ *Leaf: shape	elliptic			
☐ Leaf: colour of upper side	green			
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium to dark			
☐ *Leaf: margin	entire			
☐ Flower bud: anthocyanin colouration	strong to very strong			
☐ Inflorescence: length	long			
☐ *Flower: size of corolla tube	medium			
☒ *Flower: anthocyanin colouration of corolla tube	absent or very weak	medium		
☐ Flower: ridges on corolla tube	present			
☒ Fruit cluster: density	sparse	dense		
☐ *Unripe fruit: intensity of green colour	light			
☐ *Fruit: size	large to very large			
☒ *Fruit: shape in longitudinal section	oblate		round	
☐ Fruit: type of sepals	incurving			
☐ Fruit: diameter of calyx basin	medium to large			
☒ Fruit: depth of calyx basin	very deep	shallow	shallow	
☐ *Fruit: intensity of bloom	strong to very strong			
☐ *Fruit: colour of skin	dark blue			
☐ Fruit: firmness	medium			
☐ *Fruit: sweetness	medium			
☐ *Fruit: acidity	low to medium			
☐ *Plant: fruiting type	on one-year-old shoots only			

☐ *Time of: vegetative bud burst	early to medium			
☒ *Time of: beginning of flowering on one-year-old shoot	early to medium	medium	very early	
☒ *Time of: beginning of fruit ripening on one-year-old shoot	early to medium	medium	very early	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BB05-251MI-14'	'BB06-50FL-1'	'BB06-540fl-12'	'Elliot'
☒ **Flower: shape of corolla**	ellipsoid			urceolate
☐ **Fruit: attitude of sepals**	horizontal			

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	**2012**	**Granted**	'BB05-251MI-14'
Chile	**2018**	**Granted**	'BB05-251MI-14'
EU	**2018**	**Granted**	'BB05-251MI-14'
USA	**2018**	**Granted**	'BB05-251MI-14'

First sold in the USA in January 2017 under the name Keepsake

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

Southern Highbush Blueberry (*Vaccinium* hybrid) - 'BB05-251MI-14'

Details of Application

Application Number	2020/313
Variety Name	'BB06-540FL-12'
Genus Species	*Vaccinium* hybrid
Common Name	Southern Highbush Blueberry
Synonym	'PRELUDE'
Accepted Date	23-Dec-2021
Applicant	BB IP Repository, LLC, Grand Junction, Michigan, USA
Agent	Foote Intellectual Property Limited, Lower Hutt, New Zealand
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	DGAV-DVS
Overseas Data Reference Number	2018/2962 (CPVO)
Location	NECE-ESCAROUPIM, Portugal
Descriptor	TP/137/1
Period	2019-2022
Conditions	as per UPOV test guidelines
Trial Design	as per UPOV test guidelines
Measurements	as per UPOV test guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: 'Sapphire' seed parent x 'Snowchaser' pollen parent in a planned breeding program at Interlachen, Florida, USA in 2006. The seed parent is characterised by a spreading plant growth habit, moderate tolerance to cold and early time of ripening. The pollen parent is characterised by a semi-upright plant growth habit, moderate tolerance to cold, medium berry size and round fruit shape. Selection took place at Interlachen, Florida, USA in 2008. Selection criteria: good flavoured, firm and juicy, very early season, large berries with good storage ability. Propagation: vegetative by cuttings. Breeders: Edmund Wheeler and James Hancock, Michigan, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to semi-upright
Fruit	size	large to very large
Fruit	intensity of bloom	strong to very strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Snowchaser'	
'BB05-251MI-14'	
'BB06-50FL-1'	
'Rocio'	
'EB 8-21'	
'Ridley 1111'	

'EB 9-2'

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Rocio'	Plant	growth vigour	medium	strong to very strong	'Rocio' also has firmer fruit firmness, more fruit acidity and smaller fruit size.
'EB 8-21'	Plant	growth vigour	medium	strong to very strong	'EB 8-21' also has stronger berry bloom, larger fruit size and fruits on one year old and current season's shoots
'Ridley 1111'	Fruit	size	large to very large	medium to large	'Ridley 1111' also has a broader leaf width, stronger berry bloom and a more semi-upright plant growth habit
'EB 9-2'	Plant	growth vigour	medium	strong to very strong	'EB 9-2' also has a an upright to semi-upright growth habit, a shorter leaf length and fruits on one year old and current season's shoots

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

Organ/Plant Part: Context	'BB06-540FL-12'	'BB05-251MI-14'	'BB06-50FL-1'	'Snowchaser'
☐ *Plant: vigour	medium			
☐ *Plant: growth habit	upright			
☒ One-year-old shoot: colour	greenish red	reddish brown	green	reddish yellow
☐ One-year-old shoot: length of internode	short to medium			
☒ *Leaf: length	long to very long		medium to long	short
☐ Leaf: width	medium			
☒ Leaf: ratio length/width	very large		large	small
☐ *Leaf: shape	elliptic			
☐ Leaf: colour of upper side	green			

☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	dark			
☐ *Leaf: margin	entire			
☒ Flower bud: anthocyanin colouration	strong			weak
☐ Inflorescence: length	medium to long			
☐ *Flower: size of corolla tube	medium			
☒ *Flower: anthocyanin colouration of corolla tube	absent or very weak		medium	medium
☐ Flower: ridges on corolla tube	present			
☒ Fruit cluster: density	sparse		dense	
☐ *Unripe fruit: intensity of green colour	light			
☐ *Fruit: size	large to very large			
☒ *Fruit: shape in longitudinal section	round	oblate	oblate	round
☐ Fruit: type of sepals	incurving			
☐ Fruit: diameter of calyx basin	large			
☒ Fruit: depth of calyx basin	shallow	very deep		
☐ *Fruit: intensity of bloom	strong			
☐ *Fruit: colour of skin	dark blue			
☐ Fruit: firmness	soft			
☐ *Fruit: sweetness	high			
☐ *Fruit: acidity	low to medium			
☒ *Plant: fruiting type	on one-year-old shoots only			on one-year-old and current season's shoots
☐ *Time of: vegetative bud burst	early to medium			
☒ *Time of: beginning of flowering on one-year-old shoot	very early	early to medium		early
☒ *Time of: beginning of fruit ripening on one-year-old shoot	very early	early to medium		early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BB06-540FL-12'	'BB05-251MI-14'	'BB06-50FL-1'	'Snowchaser'
☐ **Flower: shape of corolla**	ellipsoid			
☒ **Fruit: attitude of sepals**	horizontal			erect to semi-erect

Prior Applications and Sales:

Country	Year	Status	Name Applied
Colombia	**2019**	**Applied**	'BB06-540FL-12'
EU	**2018**	**Granted**	'BB06-540FL-12'
Peru	**2018**	**Granted**	'BB06-540FL-12'
USA	**2012**	**Granted**	'BB06-540FL-12'

First sold in the USA in January 2018 under the name Prelude

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

Southern Highbush Blueberry (*Vaccinium* hybrid) - 'BB06-540FL-12'

Details of Application

Application Number	2021/085
Variety Name	'Zapriyen'
Genus Species	*Alstroemeria* hybrid
Common Name	Peruvian Lily
Accepted Date	19-May-2021
Applicant	Van Zanten Breeding BV, Lavendelweg 15 1435 EW Rijsenhout Postbus 265 1430 AG Aalsmeer, the Netherland
Agent	Ramm Botanicals Pty Ltd as a trustee for the Ramm Botanicals Trust, Kangy Angy, NSW Australia 2258
Qualified Person	Hannah Clifton

Details of Comparative Trial

Location	Kangy Angy, NSW, 2258
Descriptor	TG/29/7
Period	February 2022 - Feburary 2023
Conditions	Tissue cultured plugs were supplied by Van Zanten Plants B. V. in March 2022. The plants were then potted to 140mm standard nursery pots in April. The plants were grown outdoors in the open. Potting mix was a general-purpose type based on composted pine bark pH 5.9. Controlled release fertilizer only was used and no supplementary fertilizer was used. Overhead watering was used as necessary. Routine pest and disease sprays were carried out.
Trial Design	The trial was grown in a completely randomized design. The total number of plants in the trial was twenty.
Measurements	Measurements were taken in the metric system following UPOV TG
RHS Chart - edition	RHS sixth edition 2015

Origin and Breeding

Controlled pollination: A controlled crossing was performed in June 2013 to obtain seedlings which are suitable to be commercialised as new pot alstroemeria varieties with uniform and stable characteristics (dwarf type, white flowers without anthocyanin). The seedling was first examined in June 2014. The first propagation took place in September 2014. Further asexual propagation by rhizome divisions and selections in a controlled greenhouse have shown that the unique features of the new pot alstroemeria variety are stable and reproduced true to type in successive generations. Breeder: Sjouke Heimovaara, Van Zanten Plants B.V., Rijsenhout, the Netherlands

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Height	Very Short
Flower	Main Colour	White

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zapriclair'	

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

Organ/Plant Part: Context	'Zapriyen'	'Zapriclair'
☐ *Plant: height	very short to short	very short
☐ Stem: thickness	thin	thin
☐ Leaf: length	short to medium	short
☐ Leaf: width	narrow to medium	narrow
☐ *Umbel: number of branches	few to medium	few
☐ *Umbel: length of branches	short	very short
☐ *Flower: length of pedicel	short	very short
☐ *Flower: main colour	white	white
☒ *Flower: size	medium	medium to large
☒ *Outer tepal: shape of blade	broad elliptic	broad obovate
☒ *Outer tepal: depth of emargination	medium	deep
☐ *Outer tepal: main colour of central zone (RHS Colour Chart)	NN155A	NN155C
☐ *Outer tepal: main colour of top zone (RHS Colour Chart)	NN155A with 147B	NN155C
☐ *Outer tepal: main colour of lateral zone (RHS Colour Chart)	NN155B	NN155C
☐ *Outer tepal: main colour of basal zone (RHS Colour Chart)	NN155D	NN155D
☐ *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	absent	absent
☐ *Outer tepal: large or very large stripes on upper side of blade	absent	absent
☒ *Inner tepal: shape of blade	elliptic	obovate
☒ *Inner lateral tepal: size of striped zone on upper side	medium	small
☐ *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	9A Vivid Yellow	157C Pale Yellow Cream
☐ *Inner lateral tepal: number of stripes on upper side	medium	absent or few
☐ *Inner lateral tepal: length of longest stripes on upper side	medium	short

☐ *Inner lateral tepal: width of widest stripes on upper side	narrow to medium	narrow
☒ *Inner median tepal: difference in striped pattern compared to inner lateral tepal	absent	present
☒ *Filament: main colour	white	pink
☐ Filament: small spots	absent	absent
☐ *Anther: colour just before the start of dehiscence	yellowish	yellowish
☐ *Ovary: anthocyanin colouration	absent	absent

Prior Applications and Sales:

Country	Year	Status	Name applied
European Union	2020	Pending	**'Zapriyen'**

First sold in the Netherlands on 31 August 2020 as 'Yentl'

Description: Hannah Clifton., Kangy Angy, NSW

Peruvian Lily *(Alstroemeria* hybrid) variety **'Zapriyen'** with its comparator **'Zapriclair'**

Details of Application

Application Number	2021/108
Variety Name	'FIRECUT'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Accepted Date	25-Jun-2021
Applicant	Vilmorin-Mikado S.A., La Menitre, France
Agent	Spruson & Ferguson, Sydney, France
Qualified Person	Calixto Dilag

Details of Comparative Trial

Location	Templestowe, VIC
Descriptor	UPOV/TG/13/10 Rev.
Period	2021-2022
Conditions	Trial was established summer in 2021, and collection of data completed in 2022. Planted in raised beds with fleece weed mat and drip irrigation system.
Trial Design	Completely Randomised ands side by side comparison
Measurements	As according UPOV technical guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: In summer 2016, a cross between the two parents was done in La Ménitré station in France. F2 was screened in France during spring 2017, the first observation. F3 seeds harvested in autumn 2017 and tested for *Bremia lactucae* and *Nasanovia ribisnigri* resistance during winter 2017/2018. F3 was screened in France during spring 2018. F4 seeds harvested in autumn 2018 and tested for *Bremia* and *Nasanovia* during winter 2018/2019. F4 was screened in France during spring 2019. F5 seeds harvested in autumn 2019 and tested for *Bremia* and *Nasanovia* during winter 2019/2020. F5 was screened in Australia during Spring 2020 with the code MF 300527. Main criteria used in developing the variety were *Bremia lactucae* resistance, leaf thickness, *Lettuce Mosaic Virus* and Aphid resistance. Breeder's: Vilmorin-Mikado S.A., La Menitre, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	Anthocyanin coloration	strong
Plant	Resistance to *Bremia lactucae* Isolate Bl:16	present
Leaf blade	number of divisions	many

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Codex'	
'Blastex'	

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

Organ/Plant Part: Context	'FIRECUT'	'Blastex'	'Codex'
[X] *Seed: colour	yellow	white	yellow
[ ] *Seedling: anthocyanin colouration	present	present	present
[ ] Leaf blade: division	divided	divided	divided
[ ] *Plant: diameter	medium to large	small to medium	medium
[ ] *Plant: head formation	open head	open head	open head
[ ] Head: density	loose	loose to medium	loose
[ ] Head: size	medium to large	small to medium	medium
[ ] Leaf: thickness	medium	medium	medium
[ ] Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect	erect to semi-erect
[ ] *Leaf: shape	obovate	obovate	obovate
[ ] Leaf: shape of tip	rounded	rounded	rounded
[ ] *Leaf: anthocyanin colouration	present	present	present
[ ] *Leaf: intensity of anthocyanin colouration	very strong	strong to very strong	very strong
[ ] Leaf: distribution of anthocyanin	localised	localised	localised
[ ] Leaf: kind of anthocyanin distribution	diffused only	diffused only	diffused only
[ ] Leaf: glossiness of upper side	very strong	medium to strong	very strong
[ ] *Leaf: blistering	very weak to weak	very weak to weak	very weak to weak
[ ] *Leaf blade: degree of undulation of margin	strong	strong	very strong
[ ] Leaf blade: incisions of margin on apical part	present	present	present
[X] *Leaf blade: depth of incisions on margin on apical part	shallow to medium	very deep	deep
[ ] Leaf blade: density of incisions on margin on apical part	medium to dense	dense to very dense	dense
[ ] Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate	dentate
[ ] Leaf blade: venation	flabellate	flabellate	flabellate
[ ] *Time of: beginning of bolting under long day conditions	late	medium to late	late
[ ] Plant: height	tall	tall	medium to tall

☐ *Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	present	present
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	preseny	present	pesent
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	present	present
☐ Resistance to: *Lettuce Mosaic Virus* (*LMV*) Strain Ls 1	present	absent	present
☐ Resistance to: *Nasonovia ribisnigri* biotype Nr:0	Present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'FIRECUT'	'Blastex'	'Codex'
☒ **Leaf: Frill level**	low	high	medium

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	**2021**	**Granted**	'FIRECUT'
UK	**2021**	**Granted**	'FIRECUT'

Prior Sales: Nil

Description: Calixto Dilag, Bulleen, VIC

Lettuce (*Lactuca sativa*) – variety 'FIRECUT' with comparators

Details of Application

Application Number	2021/127
Variety Name	'Arise'
Genus Species	*Lolium multiflorum*
Common Name	Italian Ryegrass
Accepted Date	16-Dec-2021
Applicant	Barenbrug New Zealand Ltd., West Coast Road, RDI, Christchurch, New Zealand
Agent	Barenbrug Australia Pty Ltd., Howlong, NSW
Qualified Person	Allen Newman

Details of Comparative Trial

Overseas Testing Authority	Intellectual Property Office, New Zealand Plant Variety Rights, New Zealand
Overseas Data Reference Number	RYG146 (Grant no. 33896)
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006 (Objective Description for Ryegrass 1/17)
Period	2018, 2019 & 2020
Conditions	No observed environmental stresses noted during DUS trial.
Trial Design	
Measurements	Plant ploidy, growth habit, height, inflorescence. Leaf characteristics.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Parent lines Feast II (maternal) & LmT487 were pair crossed. F1 seed was multiplied to F2 isolation. F2 plants were selected for establishment speed and winter & early spring yield. Uniform plants were selected and cross pollinated in isolation. Clonal seed was collected and sown in yield trials. Nucleus seed was produced and trialed further. Breeder: Courtney Inch, Barenbrug New Zealand Ltd., West Coast Road, RDI, Christchurch, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	tetraploid
Plant	time of inflorescence emergence (without vernalisation)	medium
Plant	length of longest stem, inflorescence included (when fully expanded)	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Feast II'	A third year of trialing was undertaken to distinguish Arise from Feast II (maternal parent).

'Thumpa'

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Aston'	Leaf width	narrower	wider	consistent and significant difference over two years (refer NZ DUS report).

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

Organ/Plant Part: Context	'Arise'	'Feast II'	'Thumpa'
☐ *Plant: ploidy	tetraploid		
☐ Plant: vegetative growth habit (without vernalisation)	medium		
☐ Leaf: length	long to very long		
☐ Leaf: width	broad to very broad		
☒ Leaf: intensity of green colour	medium to dark		medium
☐ Plant: width (after vernalisation)	medium to wide		
☐ Plant: vegetative growth habit (after vernalisation)	erect to semi-erect		
☐ Plant: height (after vernalisation)	tall to very tall		
☐ Plant: time of inflorescence emergence	medium to late		
☐ Plant: natural height at inflorescence emergence	tall		
☒ Flag leaf: length	medium	medium to long	
☐ Flag leaf: width	medium to broad		
☐ Flag leaf: length/width ration	low to medium		
☐ Plant: length of longest stem, inflorescence included (when fully expanded)	medium to long		
☐ Plant: length of upper internode	medium		
☐ Inflorescence: length	medium to long		
☐ Inflorescence: number of spikelets	medium to many		
☐ Inflorescence: density	medium to dense		

☐ Inflorescence: length of outer glume on basal spikelet	short to medium
☐ Inflorescence: length of basal spikelet excluding awn	short to medium
☐ Plant: growth in winter	strong to very strong

Prior Applications and Sales:

Country	Year	Status	Name Applied
NZ	**2017**	**Granted**	'Arise'

First sold in Australia in July 2020 under the name 'Arise'

Description: **Damien Adcock**, Barenbrug Australia Pty Ltd, Howlong, NSW.

Italian Ryegrass (*Lolium multiflorum*) – 'Arise' (LMT685) is with comparators 'Aston', 'Feast II', 'Thumpa' and 'Mona'

Details of Application

Application Number	2021/128
Variety Name	'Maxsyn'
Genus Species	*Lolium perenne*
Common Name	Perennial Ryegrass
Accepted Date	16-Dec-2021
Applicant	Barenbrug New Zealand Ltd., West Coast Road, RDI, Christchurch, New Zealand
Agent	Barenbrug Australia Pty Ltd., Howlong, NSW
Qualified Person	Allen Newman

Details of Comparative Trial

Overseas Testing Authority	Intellectual Property Office, New Zealand Plant Variety Rights, New Zealand
Overseas Data Reference Number	RYG133 (Grant no. 32982)
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006 (Objective Description for Ryegrass 1/17)
Period	2016, 2017 & 2018
Conditions	No adverse conditions were experienced during the evaluation undertaken by the New Zealand PVR Office.
Trial Design	Randomised Complete Block Design
Measurements	Plant characteristics including flag leaf length and width, inflorescence emergence, length, density, spikelet number and other UPOV characteristics required for PBR.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Parental lines 'Arrow' (maternal) and 'Alto' were paired crossed in 2013. F1 seed was multiplied to F2 isolation. Individual F2 plants were selected for seedling vigour, winter and early spring growth and tiller density. Superior, uniform plants were selected and allowed to cross pollinate in isolation. Clonal seed was collected and sown into field trials to evaluate seasonal yield and persistence. Nucleus seed was bulked up for agronomic testing. Breeder: Courtney Inch, Barenbrug New Zealand Ltd., West Coast Road, RDI, Christchurch, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	time of inflorescence emergence (without vernalisation)	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Platinum'	
'Excess'	
'Ansa'	

‘Expo’

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Excess’	Plant	vegetative growth habit (wv)	semi-erect-medium	medium-semi-prostate	Consistent and significant differences for two or more years
‘Ansa’	Plant	vegetative growth habit (wv)	semi-erect-medium	medium-semi-prostate	Consistent and significant differences in two or more years
‘Expo’	Leaf	intensity of green colour	dark	light-medium	Consistent and significant differences for two or more years

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

Organ/Plant Part: Context	‘Maxsyn’	‘Platinum’
☐ *Plant: ploidy	diploid	
☐ Plant: vegetative growth habit (without vernalisation)	semi-erect	
☐ Leaf: length	medium to long	
☐ Leaf: width	medium	
☒ Leaf: intensity of green colour	dark	medium
☐ Plant: width	medium	
☐ Plant: vegetative growth habit (after vernalisation)	semi-erect	
☐ Plant: height	medium to tall	
☐ *Plant: time of inflorescence emergence (after vernalisation)	medium to late	
☐ Plant: natural height at inflorescence emergence	short to medium	
☐ Plant: width at inflorescence emergence	medium	
☐ *Flag leaf: length	short to medium	
☐ *Flag leaf: width	narrow	
☐ Flag leaf: length/width ratio	medium to high	
☐ *Plant: length of longest stem, inflorescence	short	

included

☐ Plant: length of upper internode	short to medium
☐ Inflorescence: length	short to medium
☐ Inflorescence: number of spikelets	few to medium
☐ Inflorescence: density	medium
☐ Inflorescence: length of outer glume on basal spikelet	medium
☐ Inflorescence: length of basal spikelet excluding awn	medium

Prior Applications and Sales:

Country	Year	Status	Name Applied
NZ	**2016**	**Granted**	'Maxsyn'

First sold in New Zealand in January 2020 and in Australia in March 2021

Description: **Damien Adcock**, Barenbrug Australia Pty Ltd, Howlong, NSW 2643

Perennial Ryegrass (*Lolium perenne*) – 'Maxsyn' is with comparators 'Prospect' and 'Impact 2'

Details of Application

Application Number	2021/238
Variety Name	'Rambocora'
Genus Species	*Anigozanthos* hybrid
Common Name	Kangaroo Paw
Accepted Date	12-Nov-2021
Applicant	Ramm Botanicals Holdings Pty Ltd, Kangy Angy, NSW 2258
Qualified Person	Hannah Clifton

Details of Comparative Trial

Location	Kangy Angy, NSW, 2258
Descriptor	TG/175/3
Period	February 2022-Feburary 2023
Conditions	Tissue cultured plants of the candidate and comparator varieties were potted into 140mm standard black plastic pots. 6g of Nutricote total +TE 180day was incorporated into the media of each pot at planting. No supplementary fertiliser was used. Plants were grown in an open sided, plastic covered structure with daily exposure to natural sunlight. The potting media was a general purpose type consisting of composted pine back and coir with a pH of 5.7-5.9. No pest or disease was encountered during the trial.
Trial Design	12 plants each of the candidate variety and comparators were arranged in a randomised manner.
Measurements	Observations were taken from 10 randomly selected plants in accordance with the technical guideline. Measurements were taken when the plants were in full flower with the flower on the main inflorescence fully open.
RHS Chart - edition	RHS sixth edition 2015

Origin and Breeding

Controlled pollination: 'Rambocora' was developed as part of a breeding program for Kangaroo Paw for garden and pot use conducted at Ramm Botanicals, Kangy Angy, NSW, 2258. Proprietary breeding plant A14-0027 was cross pollinated with proprietary breeding plant A15-0010 in 2015. Mature seed was harvested in 2016 and germinated in vitro at Ramm Botanicals in 2017. Tissue cultures of 'Rambocora' were transferred to the nursery in and tissue culture productivity and nursery pot trials were conducted throughout 2018-2021. 'Rambocora' was selected based on its unique flower colour and suitability to landscaping. Breeder: Ian Angus Stewart, Premaydena, Tasmania, Australia 1785

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	main colour	orange
Inflorescence	rammification	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ramboblitz'	

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

Organ/Plant Part: Context	'Rambocora'	'Ramboblitz'
☐ *Plant: height	short to medium	short to medium
☐ Plant: number of inflorescences	very few to few	few to medium
☐ Leaf: length	short	very short to short
☐ Leaf: width	medium	narrow
☐ *Leaf: attitude	spreading	erect
☐ Leaf: degree of curvature	strongly curved	slightly curved
☐ Leaf: colour	green	green
☐ Leaf: glaucosity	very weak	very weak
☐ Leaf: degree of hairiness of margin	absent or very weakly expressed	absent or very weakly expressed
☐ *Inflorescence: ramification	present	present
☒ Inflorescence: degree of ramification	secondary	primary
☐ Inflorescence: number of flowers	very few to few	medium
☐ Pedicel: colour of hairs (RHS colour chart)	43 Deep Yellowish Pink	N34A
☐ Perianth tube: length	short	short
☐ Perianth tube: width	narrow	medium
☒ Perianth tube: profile	parallel	broadening evenly
☐ *Perianth tube: predominant colour	orange	orange
☐ Perianth tube: number of colours of hair	two	two
☐ Perianth tube: colour of tip of hairs (RHS colour chart)	N34B	N34A
☐ Perianth tube: colour of middle third of hairs (RHS colour chart)	7A	5A
☐ Perianth lobe: length of longest	long	long
☒ *Perianth lobes: reflexing	weak to medium	very weak to weak
☒ Flower: number of anthers at top of perianth	four	two
☐ Ovary: colour of hairs (RHS colour chart)	43C Deep Yellowish Pink	N34A
☐ Flower: position of stigma in relation to anthers	same level	same level
☒ Time of: beginning of flowering	very early	early to medium

Prior Applications and Sales: Nil

Description: Hannah Clifton, Kangy Angy, NSW 2258

Kangaroo Paw (*Anigozanthos* hybrid) variety 'Rambocora' with its comparator 'Ramboblitz'

Details of Application

Application Number	2021/243
Variety Name	'Frodo'
Genus Species	*Trifolium repens*
Common Name	White Clover
Synonym	
Accepted Date	18-Feb-2022
Applicant	Grasslands Innovation Limited, Lincoln New Zealand
Qualified Person	Charlotte Burgess

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	CLO071 Grant no. 35454
Location	Lincoln, New Zealand
Descriptor	TG/28/7
Period	2022 and 2023
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at Asure Quality Ltd. New Zealand
Trial Design	as per NZ test report
Measurements	as per NZ test report
RHS Chart - edition	

Origin and Breeding

Controlled polycross: 'Pipolina' turf white clover was crossed with small-leaved genotypes of New Zealand hill country white clover ecotypes to create parental genotypes. Sixteen parental genotypes with the desired flowering pattern, leaf size, habit and turf characteristics were selected and polycrossed in isolation in New Zealand. Frodo is the Syn 2 seed resulting from this programme. Several cycles of breeding have focused on turf characteristics including minimal flowering under close mowing and absence of fungal leaf disease including powdery mildew, downy mildew and pepper spot. Breeder: Grasslands Innovation Limited, Lincoln New Zealand.

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Prominence of white leaf marks	medium to strong
Leaf	size of median leaflet	very small to small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pipolina'	
'Grasslands Tahora'	

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

Organ/Plant Part: Context	'Frodo'	'Grasslands Tahora'	'Pipolina'
☐ Plant: intensity of green colour	dark		
☐ Plant: density of foliage	high		
☐ Plant: proportion of plants with cyanid glucoside	low to medium		
☐ *Plant: prominence of white leaf marks	medium to strong		
☐ *Plant: time of flowering	medium		
☒ Plant: height	short		medium
☐ Plant: width	medium		
☐ Plant: growth habit	semi-prostrate to prostrate		
☒ Stem: internode length of stolon	short to medium	medium to long	
☐ Stem: thickness of stolon	thin		
☐ Leaf: length of petiole	short to medium		
☐ Leaf: thickness of petiole	thin		
☐ *Leaf: length of median leaflet	very short to short		
☐ *Leaf: width of median leaflet	very narrow to narrow		
☐ *Leaf: size of median leaflet	very small to small		
☐ *Leaf: ratio of length to width of median leaflet	small		
☐ Inflorescence: length of peduncle	short		
☐ Inflorescence: thickness of peduncle	thin		
☒ Plant: number of inflorescences	many		medium
☐ Inflorescence: diameter	small to medium		

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2021	granted	'Frodo'

No prior sale.

Description: **Charlotte Burgess**, Lincoln New Zealand

Trifolium repens (White Clover) 'Frodo'

Details of Application

Application Number	2021/288
Variety Name	'Brumby'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	IGW6683
Accepted Date	10-Feb-2022
Applicant	InterGrain Pty Ltd, Bibra Lake, WA, Australia 6163
Qualified Person	David Watson

Details of Comparative Trial

Location	Horsham
Descriptor	Wheat (Tritcum Aestivum) TG/3/12
Period	June 2022 to December 2022
Conditions	Trial was sown in Winter into good moisture. Conditions were average during winter with a dry Spring finish.
Trial Design	Randomised block design with 2 replicates. Plots 1.25m wide and 4m long (5 rows and 250mm spacing)
Measurements	Measurements taken from 10 specimens per plot, selected at random. One measurement per plant.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: A final cross was made between the parents resulting in the population coded 12E012m. The population was selfed from F2 onwards and reselections were made in the F5 generation. These reselections were tested as fixed lines for 6 generations across 6 seasons. Agronomic, disease and quality testing was conducted during these seasons. Selection criteria: yield, disease, agronomic and grain quality suited to the high, medium and low rainfall areas of Western, Southern and Eastern Australia. Propagation: seed through seven generations (selection) and six years performance testing as a fixed line by InterGrain. Breeder: Dr. Daniel Mullan, InterGrain Pty Ltd, Bibra Lake WA Australia 6163.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	season type	spring type
Ear	presence of awns	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rockstar'	
'Scepter'	
'Cutlass'	

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

Organ/Plant Part: Context	'Brumby'	'Cutlass'	'Rockstar''	'Scepter'

☐ Seed: colour	white	white	white	white
☐ *Plant: growth habit	erect to semi erect	erect to semi erect	erect to semi erect	erect to semi erect
☒ Plant: frequency of plants with recurved flag leaves	very low to low	very high	low to medium	medium to high
☐ Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
☒ *Time of: ear emergence	medium	late	late	medium
☐ *Flag leaf: glaucosity of sheath	strong	strong to very strong	strong	strong to very strong
☐ Flag leaf: glaucosity of blade	very weak to weak	weak to medium	very weak to weak	weak
☐ *Ear: glaucosity	medium to strong	medium to strong	medium	weak to medium
☐ Culm: glaucosity of neck	strong	strong to very strong	strong	strong
☐ *Lower glume: hairiness on external surface	absent	absent	absent	absent
☐ *Plant: length	long	long to very long	short to medium	medium to long
☒ *Straw: pith in cross section	thin	thin	thick or filled	thin
☐ *Ear: density	lax to medium	lax to medium	lax to medium	lax to medium
☐ Ear: length	medium to long	medium	medium	medium
☐ *Ear: scurs or awns	awns present	awns present	awns present	awns present
☐ *Ear: length of scurs or awns	medium	medium	medium	short to medium
☐ *Ear: colour	white	white	white	white
☐ Ear: shape in profile	tapering	tapering	tapering	tapering
☐ Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small	absent or very small
☒ Lower glume: shoulder width	narrow to medium	narrow	medium	medium
☒ Lower glume: shoulder shape	horizontal to slightly elevated	horizontal to slightly elevated	horizontal	slightly elevated to strongly elevated
☒ Lower glume: length of beak	medium	very long	medium	medium to long
☒ *Lower glume: shape of beak	slightly curved	straight	slightly curved	straight to slightly curved
☐ Lower glume: area of hairiness on internal surface	very small	very small	very small	very small

☐ *Seasonal: type	spring type	spring type	spring type	spring type

Prior Applications and Sales: **Nil**

Description: **David Watson, Horsham, VIC**

Wheat (*Triticum aestivum)* variety 'Brumby' with its comparators 'Cutlass', 'Rockstar' and 'Scepter'.

Details of Application

Application Number	2021/292
Variety Name	'Sicot 619B3XF'
Genus Species	*Gossypium hirsutum*
Common Name	Cotton
Accepted Date	24-Feb-2022
Applicant	Commonwealth Scientific and Industrial Research Organisation, Black Mountain, ACT, 2601; Cotton Seed Distributors Ltd., Wee Waa, NSW 2388
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW
Descriptor	Cotton (Gossypium) TG/88/7
Period	2022/2023 Summer
Conditions	Field grown irrigated trial with conventional management.
Trial Design	18 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: seed parent line 'Sicot 714B3F' x pollen parent line '13502F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 714B3F' is distinguished from 'Sicot 619B3XF' by the absence of MON88701 expression. The pollen parent '13502F1' is distinguished from 'Sicot 619B3XF' by the segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Warwick Stiller, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Boll	shape in longitudinal section	ovate
Flower	colour of petals	cream
Leaf	nectaries	present
Leaf	pubescence	weak
Leaf	shape	palmate
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	CP4 protein expression	present
Plant	**Bialaphos resistance (BAR)** protein expression	present
Plant	DMO protein expression	present

Disease resistance	bacterial blight	present
Plant	habit	erect
Plant	Vip3A protein expression	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 714B3F'	

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

Organ/Plant Part: Context	'Sicot 619B3XF'	'Sicot 714B3F'
☐ Plant: type of flowering	semi-clustered	semi-clustered
☐ Flower: colour of petal	whitish	whitish
☐ Petal: spot	absent or very weak	absent or very weak
☐ Flower: colour of pollen	whitish	whitish
☐ Flower: position of stigma relative to anthers	clearly above	clearly above
☐ Leaf: shape	palmate	palmate
☐ Leaf: pubescence	weak	weak
☐ Leaf: presence of nectaries	present	present
☐ Boll: shape in longitudinal section	ovate	ovate
☐ Boll: pitting of surface	fine	fine
☒ Boll: length of peduncle	medium to long	medium
☐ Plant: shape	conical	conical
☒ Plant: height	medium to tall	medium
☐ Boll: time of opening	medium to late	medium to late
☐ Boll: content of lint	medium to high	medium to high
☒ Fiber: length	long	medium to long
☒ Fiber: strength	strong	medium to strong
☐ Fiber: elongation	medium to large	medium to large
☐ Fiber: fineness	fine to medium	fine to medium
☐ Fiber: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 619B3XF'	'Sicot 714B3F'
☐ Disease resistance**: Cotton Bunchy Top**	susceptible	susceptible
☐ Disease resistance**: bacterial blight**	resistant	resistant
☐ Disease resistance**: verticillium wilt**	moderate resistance	moderate resistance

☐ Disease resistance: **fusarium wilt**	moderate resistance	moderate resistance
☐ **Plant: Cry1Ac protein expression**	present	present
☐ **Plant: Cry2Ab protein expression**	present	present
☒ **Plant: Bialaphos resistance (BAR) protein expression**	present	absent
☐ **Plant: CP4 protein expression**	present	present
☒ **Plant: DMO protein expression**	present	absent
☐ **Plant: habit**	erect	erect
☐ **Plant: Vip3A protein expression**	present	present

Statistical Table

Organ/Plant Part: Context	'Sicot 619B3XF'	'Sicot 714B3F'
☐ **Plant: distance to first fruiting branch** (cm)		
Mean	25.40	25.30
Std. Deviation	5.60	5.40
Lsd/sig	2.01	ns
Means Separation Method Used		
☐ **Plant: nodes to first fruiting branch**		
Mean	7.70	7.80
Std. Deviation	1.00	1.00
Lsd/sig	0.37	ns
Means Separation Method Used		
☐ **Plant: number of nodes**		
Mean	20.80	21.00
Std. Deviation	1.40	1.70
Lsd/sig	0.56	ns
Means Separation Method Used		
☒ **Plant: height** (cm)		
Mean	95.30	89.50
Std. Deviation	8.90	8.00
Lsd/sig	3.09	$p \leq 0.01$
Means Separation Method Used		
☐ **Fruiting branch: first internode length** (mm)		
Mean	93.30	86.80
Std. Deviation	21.50	21.80
Lsd/sig	7.78	ns
Means Separation Method Used		
☒ **Boll: peduncle length** (mm)		
Mean	27.80	25.10

Std. Deviation	4.60	4.00
Lsd/sig	1.53	p≤0.01
Means Separation		
Method Used		
☒ **Stigma: distance above stamens** (mm)		
Mean	3.18	2.65
Std. Deviation	1.08	1.01
Lsd/sig	0.31	p≤0.01
Means Separation		
Method Used		
☐ **Boll: lint proportion** (%)		
Mean	43.80	44.46
Std. Deviation	0.73	0.56
Lsd/sig	1.14	ns
Means Separation		
Method Used		
☒ **Boll: weight** (g)		
Mean	5.50	5.02
Std. Deviation	0.42	0.41
Lsd/sig	0.47	p≤0.01
Means Separation		
Method Used		
☐ **Boll: seed index**		
Mean	11.00	10.82
Std. Deviation	0.29	0.25
Lsd/sig	0.41	ns
Means Separation		
Method Used		
☐ **Boll: lint index**		
Mean	9.15	9.08
Std. Deviation	0.40	0.17
Lsd/sig	0.48	ns
Means Separation		
Method Used		
☐ **Boll: number of seeds**		
Mean	26.33	24.55
Std. Deviation	1.65	1.37
Lsd/sig	2.32	ns
Means Separation		
Method Used		
☒ **Fibre: length** (mm)		
Mean	30.57	29.44
Std. Deviation	0.79	0.66
Lsd/sig	1.02	p≤0.01
Means Separation		

Method Used		
☐ **Fibre: length uniformity** (%)		
Mean	83.92	83.03
Std. Deviation	0.96	1.75
Lsd/sig	1.67	ns
Means Separation		
Method Used		
☒ **Fibre: strength** (g/tex)		
Mean	33.83	31.48
Std. Deviation	0.92	1.00
Lsd/sig	1.2	p≤0.01
Means Separation		
Method Used		
☒ **Fibre: extension (%)**		
Mean	6.36	6.02
Std. Deviation	0.23	0.22
Lsd/sig	0.26	p≤0.01
Means Separation		
Method Used		
☐ **Fibre: micronaire**		
Mean	4.58	4.33
Std. Deviation	0.26	0.52
Lsd/sig	0.32	ns
Means Separation		
Method Used		

No prior sales.

Description: **Warwick Stiller, Narrabri, NSW, 2390.**

Gossypium hirsutum 'Sicot 619B3XF' (Cotton).

Details of Application

Application Number	2022/028
Variety Name	'GIA Metro'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Metro
Accepted Date	24-Mar-2022
Applicant	Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.
Qualified Person	Michael Materne

Details of Comparative Trial

Location	Blair Farms, Horsham, Victoria, Australia, 3401.
Descriptor	TG/210/1
Period	22/07/2022 to 31/12/2022
Conditions	The comparative trial for 'GIA Metro' was sown in Winter, on a Wimmera grey clay soil, in a temperate climatic region, under dryland conditions. Fertiliser was applied at sowing and weeds were controlled using herbicides and hand weeding.
Trial Design	Split plot design with 3 replications. Herbicides were allocated as main plots and varieties as plots. Plots were 5 rows, 8m long and 1.8m wide plots with a row spacing of 22.5cm.
Measurements	Plant: Resistance to Imidazolinone herbicides, and Dry seed: weight
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'GIA Metro' was developed from a controlled pollination between the lentil varieties PBA Hurricane XT and PBA Ace, and a controlled pollination from the resulting F1 plant onto the metribuzin resistant lentil line PBAFLASH-EMS10-12PAHM009, developed by the South Australian Research and Development Institute and the Grains Research and Development Corporation, in 2015. F1 plants were grown under controlled environment conditions and the population progressed to F4 via single seed descent. F5 progeny rows were grown at Horsham, Victoria, Australia in 2017. GIA2004L-MI was evaluated across SE Australia by Global Grain Genetics Pty Ltd from 2018 to 2021 and seed increase initiated based on metribuzin and Imidazolinone resistance, disease resistance, vegetative frost tolerance, vigour, biomass, phenology, harvestability and seed quality. GIA2004L-MI was named 'GIA Metro' and is the first Metribuzin resistant lentil variety released globally. Breeder: Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange
Dry seed	weight	high
Time of	flowering	medium to late

Plant	herbicide: resistance to imidazolinone herbicides	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Hurricane'	Parent, most similar Imidazolinone resistant variety

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Ace', 'PBA Flash'	Plant herbicide: resistance to imidazolinone herbicides	resistant	susceptible	the two other parents of 'GIA Metro' but both susceptible to imidazolinone herbicides.
All other current VCKs	Plant herbicide: resistance to metribuzin herbicide	resistant	susceptible	

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

Organ/Plant Part: Context	'GIA Metro'	'PBA Hurricane'
☐ *Cotyledon: colour	orange	orange
☐ Plant: habit	semi-erect	erect to semi-erect
☐ *Plant: height	medium	medium
☐ Plant: intensity of ramification	medium	medium
☐ Leaf: shape	ovate	ovate
☐ Leaf: intensity of green colour	medium	medium
☐ Leaf: number of leaflets	medium	medium
☐ Leaflet: size	medium	medium
☐ Raceme: number of flowers per node	two to three	two to three
☐ Flower: size	medium	medium
☐ *Flower: colour of standard	blue	blue
☐ Pod: intensity of colour	medium	medium
☐ Pod: number of ovules	one to two	one to two
☐ *Pod: colour at dry harvest maturity	yellow	yellow
☐ *Pod: length at dry harvest maturity	medium	medium
☒ Pod: width	broad	narrow to medium
☐ Pod: shape of apex	truncate	truncate
☐ *Dry seed: width	broad	narrow

☐	*Dry seed: profile in longitudinal section	elliptic	elliptic
☐	*Dry seed: number of colours	one	one
☐	*Dry seed: main colour of testa	ochre	ochre
☒	*Dry seed: weight	high	very low to low
☐	*Time of: flowering	medium to late	medium
☐	Time of: maturity	medium to late	medium

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	'GIA Metro'	'PBA Hurricane'
☐	**Plant: Lodging resistance maturity**	Moderate	Moderate to Strong
☐	**Plant: Herbicide: Resistance to Imidazolinone herbicides**	R=Resistant	R=Resistant
☐	**Plant: Herbicide: Resistance to Clopyralid herbicide**	S=Susceptible	S=Susceptible
☐	**Plant: Early vigour**	Moderate	Moderate
☒	**Plant: Tolerance to vegetative frost**	Strong	Weak to Moderate
☒	**Plant: Herbicide: Resistance to Metribuzin herbicides**	R=Resistant	S=Susceptible

Prior Applications and Sales: Nil

Description: **Michael Materne**, Quantong, VIC 3401

Lentil (*Lens culinaris)* variety 'GIA Metro' (right) is **resistant to *Metribuzin* herbicides** while its comparator 'PBA Hurricane' (left) is susceptible to ***Metribuzin*** **herbicides.**

Details of Application

Application Number	2022/029
Variety Name	'GIA Lightning'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Lightning
Accepted Date	24-Mar-2022
Applicant	Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.
Qualified Person	Michael Materne

Details of Comparative Trial

Location	Blair Farms, Horsham, Victoria, Australia, 3401.
Descriptor	TG/210/1
Period	22/07/2022 to 31/12/2022
Conditions	The comparative trial for 'GIA Lightning' was sown in Winter, on a Wimmera grey clay soil, in a temperate climatic region, under dryland conditions. Fertiliser was applied at sowing and weeds were controlled using herbicides and hand weeding.
Trial Design	Split plot design with 3 replications. Herbicides were allocated as main plots and varieties as plots. Plots were 5 rows, 8m long and 1.8m wide plots with a row spacing of 22.5cm.
Measurements	Time of: flowering Plant: Tolerance to vegetative frost
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'GIA Lightning' was developed from a controlled pollination between the lentil varieties PBA Ace and PBA Herald XT, and a controlled pollination between the resulting F1 plant and the lentil variety PBA Hurricane XT in 2013. F1 plants were grown under controlled environment conditions and progressed as F2 and F3 bulks grown at Horsham, Victoria, Australia in 2014 and 2015, with selection between F1 derived progenies and mass selection for Imidazolinone resistance. F4 plants from selected F3 bulks were screened for Botrytis grey mould (Botrytis fabae) under controlled environment conditions in 2016. Seed from the most resistant F4 plants were grown as F5 progeny rows at Horsham, Victoria, Australia in 2017. GIA2003L-I was evaluated across SE Australia by Global Grain Genetics Pty Ltd from 2018 to 2021 based on Imidazolinone resistance, disease resistance, vegetative frost tolerance, vigour, biomass, phenology, harvestability and seed quality. Pure seed production was initiated for GIA2003L-I in 2019 based on high and stable grain yields and harvestability, particularly on lighter soils, and it was named 'GIA Lightning'. Breeder: Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange

Dry seed	weight	very low to low
Time of	flowering	medium
Plant	herbicide: resistance to imidazolinone herbicides	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GIA Thunder'	Although not a parent, 'GIA Thunder' is most similar variety to 'GIA Lightning'.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Ace'	Plant	herbicide: resistance to imidazolinone herbicides	resistant	susceptible	parent
'PBA Hurricane'	Plant	tolerance to vegetative frost	moderate	weak to moderate	parent
'PBA Herald'	Leafletsize		medium	small	parent

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

Organ/Plant Part: Context	'GIA Lightning'	'GIA Thunder'
☐ *Cotyledon: colour	orange	orange
☐ Plant: habit	erect to semi-erect	erect to semi-erect
☐ *Plant: height	medium	medium
☐ Plant: intensity of ramification	medium	medium
☐ Leaf: shape	ovate	ovate
☐ Leaf: intensity of green colour	medium	medium
☐ Leaf: number of leaflets	medium	medium
☐ Leaflet: size	medium	medium
☐ Raceme: number of flowers per node	two to three	two to three
☐ Flower: size	medium	medium
☐ *Flower: colour of standard	blue	blue
☐ Pod: intensity of colour	medium	medium
☐ Pod: number of ovules	mainly two	mainly two
☐ *Pod: colour at dry harvest maturity	yellow	yellow
☐ *Dry seed: width	narrow	narrow
☐ *Dry seed: profile in longitudinal section	elliptic	elliptic
☐ *Dry seed: number of colours	one	one
☐ *Dry seed: main colour of testa	ochre	ochre
☒ *Time of: flowering	medium to late	medium

☐ Time of: maturity	medium to late	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'GIA Lightning'	'GIA Thunder'
☐ **Plant: Lodging resistance maturity**	Moderate to Strong	Moderate
☐ **Plant: Herbicide: Resistance to Imidazolinone herbicides**	R=Resistant	R=Resistant
☐ **Plant: Herbicide: Resistance to Clopyralid herbicide**	S=Susceptible	S=Susceptible
☐ **Plant: Early vigour**	Weak to Moderate	Moderate
☒ **Plant: Tolerance to vegetative frost**	Weak to Moderate	Moderate to Strong
☐ **Plant: Herbicide: Resistance to Metribuzin herbicides**	S=Susceptible	S=Susceptible

Prior Applications and Sales: Nil

Description: **Michael Materne**, Quantong, VIC 3401

Lentil (*Lens culinaris) variety* 'GIA Lightning' showing the difference in tolerance to vegetative frost with its comparators 'GIA Thunder'

Details of Application

Application Number	2022/030
Variety Name	'GIA Thunder'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Thunder
Accepted Date	24-Mar-2022
Applicant	Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.
Qualified Person	Michael Materne

Details of Comparative Trial

Location	Blair Farms, Horsham, Victoria, Australia, 3401.
Descriptor	TG/210/1
Period	22/07/2022 to 31/12/2022
Conditions	The comparative trial for 'GIA Thunder' was sown in Winter, on a Wimmera grey clay soil, in a temperate climatic region, under dryland conditions. Fertiliser was applied at sowing and weeds were controlled using herbicides and hand weeding.
Trial Design	Split plot design with 3 replications. Herbicides were allocated as main plots and varieties as plots. Plots were 5 rows, 8m long and 1.8m wide plots with a row spacing of 22.5cm.
Measurements	
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'GIA Thunder' was developed from a controlled pollination between the lentil varieties PBA Hurricane XT and PBA Bolt in 2013. Single plants with resistance to Imidazolinone herbicides were selected from F2 bulks grown at Horsham, Victoria, Australia in 2014. F3 progenies grown in rows at Haven, Victoria, Australia in 2015. F4 plants were screened for Botrytis grey mould (Botrytis fabae) under controlled environment conditions in 2016. Seed from the most resistant F4 plants were grown as F5 progeny rows at Horsham, Victoria, Australia in 2017. GIA2002L-I was evaluated across SE Australia by Global Grain Genetics Pty Ltd from 2018 to 2021 based on Imidazolinone resistance, disease resistasnce, vegetative frost tolerance, vigour, biomass, phenology, harvestability and seed quality. Pure seed production was initiated for GIA2002L-I in 2019 based on wide adaptation and very high grain yield, vegetative frost tolerance, disease resistance and low levels of pod drop, and was named 'GIA Thunder'. Breeder: Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC 3401 Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange
Dry seed	weight	very low to low

Time of	flowering	medium
Plant	herbicide: resistance to imidazolinone herbicides	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GIA Lightning'	Although not a parent, 'GIA Lightning' is most similar variety to 'GIA Thunder'.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Bolt'	Plant	herbicide: resistance to imidazolinone herbicides	resistant	susceptible	parent
'PBA Hurricane'	Plant	tolerance to vegetative frost	strong to moderate	moderate	parent

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

Organ/Plant Part: Context	'GIA Thunder'	'GIA Lightning'
☐ *Cotyledon: colour	orange	orange
☐ Plant: habit	erect to semi-erect	erect to semi-erect
☐ *Plant: height	medium	medium
☐ Plant: intensity of ramification	medium	medium
☐ Leaf: shape	ovate	ovate
☐ Leaf: intensity of green colour	medium	medium
☐ Leaf: number of leaflets	medium	medium
☐ Leaflet: size	medium	medium
☐ Raceme: number of flowers per node	two to three	two to three
☐ Flower: size	medium	medium
☐ *Flower: colour of standard	blue	blue
☐ Pod: intensity of colour	medium	
☐ Pod: number of ovules	mainly two	
☐ *Pod: colour at dry harvest maturity	yellow	yellow
☐ *Dry seed: width	narrow	narrow
☐ *Dry seed: profile in longitudinal section	elliptic	elliptic
☐ *Dry seed: number of colours	one	one
☐ *Dry seed: main colour of testa	ochre	ochre
☐ *Dry seed: weight	very low to low	very low to low
☒ *Time of: flowering	medium	medium to late
☐ Time of: maturity	medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'GIA Thunder'	'GIA Lightning'
☐ **Plant: Lodging resistance maturity**	Moderate	Moderate to Strong
☐ **Plant: Herbicide: Resistance to Imidazolinone herbicides**	R=Resistant	R=Resistant
☐ **Plant: Herbicide: Resistance to Clopyralid herbicide**	S=Susceptible	S=Susceptible
☐ **Plant: Early vigour**	Moderate	Weak to moderate
☒ **Plant: Tolerance to vegetative frost**	Moderate to Strong	Moderate
☐ **Plant: Herbicide: Resistance to Metribuzin herbicides**	S=Susceptible	S=Susceptible

Prior Applications and Sales: Nil

Description: **Michael Materne**, Quantong, VIC 3401

Lentil (*Lens culinaris) variety* 'GIA Thunder' (left) showing the difference in time of flowering with its comparators 'GIA Lightning' (right)

Details of Application

Application Number	2022/042
Variety Name	'Maroon Spoon'
Genus Species	*Brassica rapa* subsp. *Chinensis*
Common Name	Pak choi
Accepted Date	19-Apr-2022
Applicant	Vilmorin-Mikado USA, Inc., Salinas California 93901 USA
Agent	Spruson & Ferguson, Sydney NSW 2000
Qualified Person	Calixto Dilag

Details of Comparative Trial

Location	Templestowe, VIC, Australia
Descriptor	PBR PAK CHOI DES
Period	2023
Conditions	Trial was established winter season of 2023. Black fleece mulch was used to control weeds and drip irrigation system was employed for irrigation and fertigation. The two generations of candidate variety and a commercial comparator was treated the same.
Trial Design	Side by side trial
Measurements	As per UPOV test guideline
RHS Chart – edition	

Origin and Breeding

Cross Pollination: Seeds of an experimental violet pak choy accession were grown in the summer of 2007 and observations were first made in Gilroy, California. Plants were then chosen that exhibited the most desirable traits and self-pollinated. Main selection criteria used to develop the variety were leaf colour, petiole length and petiole width (adapted for baby leaf harvesting). S1 seeds were harvested in the spring of 2008 and desirable plants exhibiting the traits of interest were again selected for self-pollination. This occurred to the F11 generation when the progeny were deemed fixed for all desirable traits to become a new open-pollinated variety. Plants of the F11 generation were sown in trays and transplanted to the field where they were allowed to inter-mate together in a pollen controlled environment. Seeds of these plants were harvested and bulked. These were the first breeder seeds given the name 'BC 16-004' and were then used as stock seed in development and further production of the variety 'BC 16-004'/'Maroon Spoon'. Breeder: Vilmorin-Mikado USA, Inc., Salinas California 93901 USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	blackish brown
Leaf	anthocyanin	present
Plant	height	Short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Deep Purple'	

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

Organ/Plant Part: Context	'Maroon Spoon'	'Deep Purple'
☐ Plant: growth habit	erect	erect
☐ Plant: height	short	short
☐ Plant: width	narrow	narrow to medium
☐ Stem: presence of anthocyanin in new growth	present	present
☐ Leaf: leaf type	simple	simple
☐ Leaf: attitude	erect	semi-erect
☐ Leaf: arrangement	rosette	rosette
☐ Leaf: length of blade	short	short
☐ Leaf: width of blade	medium	medium
☐ Leaf: shape	obovate	obovate
☒ Leaf: primary colour (RHS colour chart)	N186A	N187A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Maroon Spoon'	'Deep Purple'
☐ **Leaf: attitude**	cupped	semi-erect
☐ **Leaf: colour underneath**	green	green
☒ **Leaf: anthocyanin on vein**	present	absent
☐ **Leaf: attachment**	mostly petiolate	mostly petiolate
☐ **Leaf: thickness of veins**	thin	thin
☐ **Petiole: colour**	green-white	green-white
☐ **Petiole: margin**	smooth	smooth
☐ **Seedling: Anthocyanin**	present	present
☐ **Seedling: anthocyanin location**	leaves only	leaves only
☐ **Seedling: anthocyanin level**	strong	weak
☐ **Leaf: margin**	entire	entire
☐ **Leaf: surface**	smooth	smooth
☐ **Leaf: outline of blade in transverse cross-section**	flat	flat
☐ **Leaf: colour of blade**	dark purple	purple
☐ **Flower: time of beginning of flowering**	early	early
☐ **Leaf: Shape of apex**	rounded	rounded
☐ **Flower: diameter**	small	small

Prior Applications and Sales: Nil

Description: **Calixto Dilag**, Bulleen VIC 3105

Pak choi (*Brassica rapa* subsp. *Chinensis*) variety 'Maroon Spoon' shows the difference in leaf primary colour and anthocyanin on vein with its comparator 'Deep Purple'

Details of Application

Application Number	2022/210
Variety Name	'GS 66'
Genus Species	*Malus domestica*
Common Name	Apple
Synonym	
Accepted Date	14-Feb-2023
Applicant	Deutsches Obst-Sorten Konsortium GmbH, Hollern-Twielenfleth, Germany
Agent	Graham's Factree Pty Ltd, Gembrook, Victoria
Qualified Person	Rebecca Fleming

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Hannover, Germany
Overseas Data Reference Number	APF 738
Location	As per DUS test report
Descriptor	CPVO TG/14/9
Period	2018-2019
Conditions	As per overseas test report
Trial Design	As per overseas test report
Measurements	As per overseas test report
RHS Chart - edition	

Origin and Breeding

Open Pollinated: Parentage unknown. The present new variety of Apple tree originated from an open cross pollination in 2008 in a commercial orchard at Wendhausen, Germany. Under close and careful observations the present seedling was chosen for further evaluation in 2012 and then first asexually reproduced onto M9 rootstock (not patented) in 2013 for commercialisation. Breeder: Gerhard Sundermeyer, Ottbergen, Germany

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Tree	habit	spreading
Fruit	general shape	conic
Fruit	relative are of over colour	large
Fruit	hue of over colour- with bloom removed	red
Fruit	pattern of over colour	solid flush with weakly defined stripes
Fruit	crowning at calyx end	moderate
Time of	beginning of flowering	medium
Time of	eating maturity	late to very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Galaxy'	'Galaxy' has a more yellowish ground colour of skin compared to greenish and it has a shorter petiole length.

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

Organ/Plant Part: Context	'GS 66'	'Galaxy'
☐ Tree: vigour	medium	
☐ *Tree: type	ramified	
☐ *Tree: habit (varieties with ramified tree type only)	spreading	
☐ Tree: type of bearing	on spurs and long shoots	
☐ One-year-old shoot: thickness	medium to thick	
☐ *One-year-old shoot: length of internode	medium	
☐ One-year-old shoot: colour on sunny side	light brown	
☐ One-year-old shoot: pubescence	medium to strong	
☐ *One-year-old shoot: number of lenticels	medium to many	
☐ *Leaf blade: attitude in relation to shoot	upwards	
☐ *Leaf blade: length	long to very long	
☐ *Leaf blade: width	narrow to medium	
☐ *Leaf blade: ratio length/width	very large	
☐ Leaf blade: intensity of green colour	medium to dark	
☐ Leaf blade: incisions of margin	crenate	
☒ Leaf blade: pubescence on lower side	strong	absent or weak
☒ *Petiole: length	long to very long	medium
☐ Petiole: extent of anthocyanin colouration from base	medium	
☐ *Flower: predominant colour at balloon stage	light pink	
☐ *Flower: diameter with petals pressed into horizontal position	medium	
☐ *Flower: arrangement of petals	intermediate	
☐ Flower: position of stigmas relative to anthers	same level	
☐ Young fruit: extent of anthocyanin overcolour	small	
☐ *Fruit: size	medium to large	
☐ *Fruit: height	medium to tall	
☐ *Fruit: diameter	medium to large	
☐ *Fruit: ratio height/diameter	medium	
☐ *Fruit: general shape	conic	
☐ Fruit: ribbing	moderate	
☐ Fruit: crowning at calyx end	moderate	
☐ *Fruit: size of eye	small to medium	

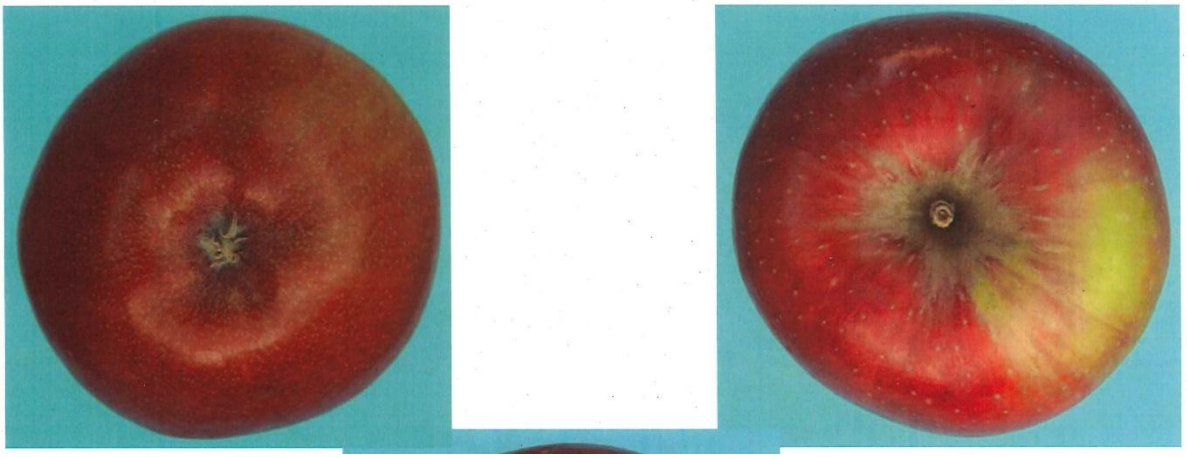
☐	Fruit: length of sepal	medium to long	
☐	*Fruit: bloom of skin	strong	
☐	Fruit: greasiness of skin	moderate	
☒	*Fruit: ground colour	whitish green	whitish yellow
☐	*Fruit: relative area of over colour	large	
☐	*Fruit: hue of over colour – with bloom removed	red	
☐	*Fruit: intensity of over colour	dark	
☐	*Fruit: pattern of over colour	solid flush with weakly defined stripes	
☐	*Fruit: width of stripes	medium	
☐	*Fruit: area of russet around stalk attachment	medium	
☐	Fruit: area of russet on cheeks	medium	
☐	*Fruit: area of russet around eye basin	absent or small	
☐	Fruit: number of lenticels	many to very many	
☐	Fruit: size of lenticels	small to medium	
☐	*Fruit: length of stalk	medium	
☐	*Fruit: thickness of stalk	medium to thick	
☐	*Fruit: depth of stalk cavity	medium to deep	
☐	*Fruit: width of stalk cavity	medium to broad	
☐	*Fruit: depth of eye basin	medium	
☐	*Fruit: width of eye basin	medium to broad	
☐	*Fruit: firmness of flesh	medium to firm	
☐	*Fruit: colour of flesh	cream	
☐	*Fruit: aperture of locules	moderately open	
☐	*Time of: beginning of flowering	medium	
☐	Time for: harvest	medium to late	
☐	*Time of: eating maturity	late to very late	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	‘GS 66’
US	2017	Granted	‘GS 66’
Germany	2015	Granted	‘GS 66’
UA	2021	pending	‘GS 66’

First sold on 2nd Jan 2017 in Germany as ‘GS 66’

Description: **Rebecca Adams**, Graham's Factree Pty Ltd



Malus domestica (Apple) 'GS 66'

Details of Application

Application Number	2022/222
Variety Name	'Sicot 743B3XF'
Genus Species	*Gossypium hirsutum*
Common Name	Cotton
Accepted Date	05-Jan-2023
Applicant	Commonwealth Scientific and Industrial Research Organisation, Black Mountain, ACT, 2601; Cotton Seed Distributors Ltd., Wee Waa, NSW 2388
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	ACRI located near the township of Narrabri, NSW, Australia.
Descriptor	Cotton (Gossypium) TG/88/7
Period	2022/2023 Summer
Conditions	Field grown irrigated trial with conventional management.
Trial Design	18 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument.
RHS Chart - edition	Not Applicable

Origin and Breeding

Controlled pollination: seed parent line 'Sicot 748B3F' x pollen parent line '13502F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 748B3F' is distinguished from 'Sicot 743B3XF' by the absence of MON88701 expression. The pollen parent line '13502F1' is distinguished from 'Sicot 743B3XF' by its segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Warwick Stiller, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of petals	cream
Leaf	nectaries	present
Leaf	pubescence	weak
Leaf	shape	palmate
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present

Plant	CP4 protein expression	present
Plant	**Bialaphos resistance (BAR)** protein expression	present
Plant	DMO protein expression	present
Disease resistance	bacterial blight	present
Plant	habit	erect
Boll	shape in longitudinal section	ovate
Plant	Vip3A protein expression	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 748B3F'	

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

Organ/Plant Part: Context	'Sicot 743B3XF'	'Sicot 748B3F'
☐ Plant: type of flowering	semi-clustered	semi-clustered
☐ Flower: colour of petal	whitish	whitish
☐ Petal: spot	absent or very weak	absent or very weak
☐ Flower: colour of pollen	whitish	whitish
☐ Flower: position of stigma relative to anthers	clearly above	clearly above
☐ Leaf: shape	palmate	palmate
☐ Leaf: pubescence	weak	weak
☐ Leaf: presence of nectaries	present	present
☐ Boll: shape in longitudinal section	ovate	ovate
☐ Boll: pitting of surface	fine	fine
☐ Boll: length of peduncle	medium	medium
☐ Plant: shape	conical	conical
☐ Plant: height	medium to tall	medium to tall
☐ Boll: time of opening	medium to late	medium to late
☐ Boll: content of lint	high	high
☐ Fiber: length	medium to long	long
☐ Fiber: strength	medium to strong	strong
☐ Fiber: elongation	medium	medium
☐ Fiber: fineness	fine to medium	fine to medium
☐ Fiber: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 743B3XF'	'Sicot 748B3F'

☐	Disease resistance: **Cotton Bunchy Top**	susceptible	susceptible
☐	Disease resistance: **bacterial blight**	resistant	resistant
☐	Disease resistance: **verticillium wilt**	moderate resistance	moderate resistance
☐	Disease resistance: **fusarium wilt**	resistant	moderate resistance
☐	**Plant: Cry1Ac protein expression**	present	present
☐	**Plant: Cry2Ab protein expression**	present	present
☐	**Plant: habit**	erect	erect
☒	**Plant: Bialaphos resistance (BAR) protein expression**	present	absent
☐	**Plant: CP4 protein expression**	present	present
☒	**Plant: DMO protein expression**	present	absent
☐	**Plant: Vip3A protein expression**	present	present

Statistical Table

Organ/Plant Part: Context	'Sicot 743B3XF'	'Sicot 748B3F'
☒ **Plant: distance to first fruiting branch (cm)**		
Mean	21.30	26.20
Std. Deviation	6.00	5.90
Lsd/sig	2.01	p≤0.01
☐ **Plant: nodes to first fruiting branch**		
Mean	7.30	7.90
Std. Deviation	1.10	1.20
Lsd/sig	0.37	p≤0.01
☒ **Plant: number of nodes**		
Mean	20.70	21.50
Std. Deviation	1.50	1.70
Lsd/sig	0.56	p≤0.01
☐ **Plant: height (cm)**		
Mean	92.20	94.10
Std. Deviation	9.30	9.60
Lsd/sig	3.09	ns
☒ **Fruiting branch: first internode length (mm)**		
Mean	108.80	90.60
Std. Deviation	17.50	18.70
Lsd/sig	7.78	p≤0.01
☐ **Boll: peduncle length (mm)**		
Mean	25.30	24.40
Std. Deviation	4.70	4.30
Lsd/sig	1.53	ns
☒ **Stigma: distance above the stamens (mm)**		
Mean	5.97	4.47
Std. Deviation	0.88	0.79

Lsd/sig	0.31	P≤0.01
☒ **Boll: lint proportion (%)**		
Mean	47.48	46.24
Std. Deviation	0.82	1.05
Lsd/sig	1.14	p≤0.01
☐ **Boll: weight (g)**		
Mean	5.27	5.63
Std. Deviation	0.47	0.45
Lsd/sig	0.47	ns
☒ **Boll: seed index**		
Mean	9.09	9.66
Std. Deviation	0.46	0.50
Lsd/sig	0.41	P≤0.01
☐ **Boll: lint index**		
Mean	8.80	8.78
Std. Deviation	0.43	0.35
Lsd/sig	0.48	ns
☐ **Boll: number of seeds**		
Mean	28.44	29.62
Std. Deviation	1.84	1.95
Lsd/sig	2.32	ns
☐ **Fibre: length (mm)**		
Mean	29.48	30.39
Std. Deviation	0.83	0.54
Lsd/sig	1.02	ns
☐ **Fibre: length uniformity (%)**		
Mean	81.88	83.37
Std. Deviation	1.60	0.87
Lsd/sig	1.67	ns
☐ **Fibre: strength (g/tex)**		
Mean	30.18	32.12
Std. Deviation	1.42	0.75
Lsd/sig	1.2	p≤0.01
☐ **Fibre: extension (%)**		
Mean	5.43	5.48
Std. Deviation	0.27	0.15
Lsd/sig	0.26	ns
☐ **Fibre: micronaire**		
Mean	4.69	4.85
Std. Deviation	0.25	0.29
Lsd/sig	0.32	ns

No prior sales.

Description: **Warwick Stiller, Narrabri, NSW, 2390.**

Gossypium hirsutum 'Sicot 743B3XF' (Cotton).

Details of Application

Application Number	2022/223
Variety Name	'Sicot 761B3XF'
Genus Species	*Gossypium hirsutum*
Common Name	Cotton
Accepted Date	05-Jan-2023
Applicant	Commonwealth Scientific and Industrial Research Organisation, Black Mountain, ACT, 2601; Cotton Seed Distributors Ltd., Wee Waa, NSW 2388
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	ACRI located near the township of Narrabri, NSW, Australia.
Descriptor	Cotton (Gossypium) TG/88/7
Period	2022/2023 Summer
Conditions	Field grown irrigated trial with conventional management.
Trial Design	18 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: seed parent line '69808-363' x pollen parent line '14508F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line '69808-363' is distinguished from 'Sicot 761B3XF' by the absence of MON88701 expression. The pollen parent line '14508F1' is distinguished from 'Sicot 761B3XF' by its segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Warwick Stiller, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of petals	cream
Leaf	nectaries	present
Leaf	pubescence	weak
Leaf	shape	palmate
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	CP4 protein expression	present
Plant	**Bialaphos resistance (BAR)** protein expression	present

Plant	DMO protein expression	present
Disease resistance	bacterial blight	present
Plant	habit	erect
Boll	shape in longitudinal section	ovate
Plant	Vip3A protein expression	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 746B3F'	

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

Organ/Plant Part: Context	'Sicot 761B3XF'	'Sicot 746B3F'
☐ Plant: type of flowering	semi-clustered	semi-clustered
☐ Flower: colour of petal	whitish	whitish
☐ Petal: spot	absent or very weak	absent or very weak
☐ Flower: colour of pollen	whitish	whitish
☐ Flower: position of stigma relative to anthers	clearly above	clearly above
☐ Leaf: shape	palmate	palmate
☐ Leaf: pubescence	weak	weak
☐ Leaf: presence of nectaries	present	present
☐ Boll: shape in longditudinal section	ovate	ovate
☐ Boll: pitting of surface	fine	fine
☒ Boll: length of peduncle	short to medium	medium to long
☐ Plant: shape	conical	conical
☐ Plant: height	medium to tall	medium
☐ Boll: time of opening	medium to late	medium to late
☐ Boll: content of lint	high	high
☐ Fiber: length	long	medium to long
☐ Fiber: strength	strong	medium to strong
☐ Fiber: elongation	medium to large	medium
☐ Fiber: fineness	fine to medium	fine to medium
☐ Fiber: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 761B3XF'	'Sicot 746B3F'
☒ Disease resistance**: Cotton Bunchy Top**	resistant	susceptible
☐ Disease resistance**: bacterial blight**	resistant	resistant
☐ Disease resistance**: verticillium wilt**	moderate resistance	moderate resistance

☐ Disease resistance**: fusarium wilt**	moderate resistance	moderate resistance
☐ **Plant: Cry1Ac protein expression**	present	present
☐ **Plant: Cry2Ab protein expression**	present	present
☐ **Plant: habit**	erect	erect
☒ **Plant: Bialaphos resistance (BAR) protein expression**	present	absent
☐ **Plant: CP4 protein expression**	present	present
☒ **Plant: DMO protein expression**	present	absent
☐ **Plant: Vip3A protein expression**	present	present

Statistical Table

Organ/Plant Part: Context	**'Sicot 761B3XF'**	**'Sicot 746B3F'**
☐ Plant: distance to first fruiting branch (cm)		
Mean	22.90	23.50
Std. Deviation	5.50	5.60
Lsd/sig	2.01	ns
☒ Plant: nodes to first fruiting branch		
Mean	7.50	8.10
Std. Deviation	1.10	0.90
Lsd/sig	0.37	p≤0.01
☐ Plant: number of nodes		
Mean	20.80	20.90
Std. Deviation	1.70	1.50
Lsd/sig	0.56	ns
☒ Plant: height (cm)		
Mean	91.8	83.00
Std. Deviation	8.20	7.80
Lsd/sig	3.09	p≤0.01
☐ Fruiting branch: first internode length (mm)		
Mean	87.20	84.30
Std. Deviation	27.30	21.50
Lsd/sig	7.78	ns
☒ Boll: peduncle length (mm)		
Mean	23.00	26.50
Std. Deviation	3.70	4.30
Lsd/sig	1.53	p≤0.01
☐ Stigma: distance above stamens (mm)		
Mean	4.51	4.67
Std. Deviation	0.70	0.71
Lsd/sig	0.31	ns
☐ Boll: lint proportion (%)		
Mean	46.80	46.49
Std. Deviation	1.32	1.26

Lsd/sig	1.14	ns
☐ Boll: weight (g)		
Mean	4.87	5.01
Std. Deviation	0.37	0.31
Lsd/sig	0.47	ns
☐ Boll: seed index		
Mean	8.86	8.92
Std. Deviation	0.30	0.37
Lsd/sig	0.41	ns
☐ Boll: lint index		
Mean	8.27	8.45
Std. Deviation	0.45	0.24
Lsd/sig	0.48	ns
☐ Boll: number of seeds		
Mean	27.56	27.56
Std. Deviation	1.81	1.32
Lsd/sig	2.32	ns
☒ Fibre: length (mm)		
Mean	30.58	29.52
Std. Deviation	0.87	1.07
Lsd/sig	1.02	p≤0.01
☒ Fibre: length uniformity (%)		
Mean	83.88	82.12
Std. Deviation	1.20	0.69
Lsd/sig	1.67	p≤0.01
☒ Fibre: strength (g/tex)		
Mean	32.55	30.97
Std. Deviation	0.78	1.05
Lsd/sig	1.2	p≤0.01
☒ Fibre: extension (%)		
Mean	6.80	5.82
Std. Deviation	0.24	0.25
Lsd/sig	0.26	p≤0.01
☐ Fibre: micronaire		
Mean	4.59	4.76
Std. Deviation	0.33	0.22
Lsd/sig	0.32	ns

No prior sales.

Description: **Warwick Stiller, Narrabri, NSW, 2390.**

Gossypium hirsutum 'Sicot 761B3XF' (Cotton).

Details of Application

Application Number	2022/224
Variety Name	'Siokra 253B3XF'
Genus Species	*Gossypium hirsutum*
Common Name	Cotton
Accepted Date	05-Jan-2023
Applicant	Commonwealth Scientific and Industrial Research Organisation, Black Mountain, ACT, 2601; Cotton Seed Distributors Ltd., Wee Waa, NSW 2388
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	ACRI located near the township of Narrabri, NSW, Australia.
Descriptor	Cotton (Gossypium) TG/88/7
Period	2022/2023 Summer
Conditions	Field grown irrigated trial with conventional management.
Trial Design	18 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: seed parent line '10818-171' x pollen parent line '14509F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line '10818-171' is distinguished from 'Siokra 253B3XF' by the absence of MON88701 expression. The pollen parent line '14509F1' is distinguished from 'Siokra 253B3XF' by its segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Warwick Stiller, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of petals	cream
Leaf	nectaries	present
Leaf	pubescence	weak
Leaf	shape	digitate
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	**Bialaphos resistance (BAR)** protein expression	present
Plant	DMO protein expression	present

Disease resistance	bacterial blight	present
Plant	habit	erect
Boll	shape in longitudinal section	ovate
Plant	Vip3A protein expression	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Siokra 24BRF'	

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

Organ/Plant Part: Context	'Siokra 253B3XF'	'Siokra 24BRF'
☐ Plant: type of flowering	semi-clustered	semi-clustered
☐ Flower: colour of petal	whitish	whitish
☐ Petal: spot	absent or very weak	absent or very weak
☐ Flower: colour of pollen	whitish	whitish
☐ Flower: position of stigma relative to anthers	clearly above	clearly above
☐ Leaf: shape	digitate	digitate
☐ Leaf: pubescence	weak	weak
☐ Leaf: presence of nectaries	present	present
☐ Boll: shape in longitudinal section	ovate	ovate
☐ Boll: pitting of surface	fine	fine
☒ Boll: length of peduncle	long	medium
☐ Plant: shape	conical	conical
☐ Plant: height	medium to tall	tall
☐ Boll: time of opening	medium to late	medium to late
☒ Boll: content of lint	high	medium
☐ Fiber: length	medium to long	long
☐ Fiber: strength	medium to strong	medium
☐ Fiber: elongation	medium to large	medium to large
☐ Fiber: fineness	fine to medium	fine to medium
☐ Fiber: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Siokra 253B3XF'	'Siokra 24BRF'
☒ Disease resistance**: Cotton Bunchy Top**	resistant	susceptible
☐ Disease resistance**: bacterial blight**	resistant	resistant

☐ Disease resistance**: verticillium wilt**	moderate resistance	moderate resistance
☐ Disease resistance**: fusarium wilt**	moderate resistance	moderate resistance
☐ **Plant: Cry1Ac protein expression**	present	present
☐ **Plant: Cry2Ab protein expression**	present	present
☐ **Plant: habit**	erect	erect
☒ **Plant: Bialaphos resistance (BAR) protein expression**	present	absent
☐ **Plant: CP4 protein expression**	present	present
☒ **Plant: DMO protein expression**	present	absent
☒ **Plant: Vip3A protein expression**	present	absent

Statistical Table

Organ/Plant Part: Context	'Siokra 253B3XF'	'Siokra 24BRF'
☐ Plant: distance to first fruiting branch (cm)		
Mean	28.90	26.90
Std. Deviation	5.80	4.50
Lsd/sig	2.01	ns
☒ Plant: nodes to first fruiting branch		
Mean	7.70	8.90
Std. Deviation	0.90	0.90
Lsd/sig	0.37	p≤0.01
☒ Plant: number of nodes		
Mean	20.20	23.40
Std. Deviation	1.30	1.80
Lsd/sig	0.56	p≤0.01
☒ Plant: height (cm)		
Mean	95.10	100.80
Std. Deviation	7.90	7.40
Lsd/sig	3.09	p≤0.01
☒ Fruiting branch: first internode length (mm)		
Mean	127.00	110.70
Std. Deviation	25.30	22.40
Lsd/sig	7.78	p≤0.01
☒ Boll: peduncle length (mm)		
Mean	29.20	24.50
Std. Deviation	4.60	4.20
Lsd/sig	1.53	p≤0.01
☒ Stigma: distance above the stamens (mm)		
Mean	4.58	3.40
Std. Deviation	0.81	1.01
Lsd/sig	0.31	p≤0.01

☒ Boll: lint proportion (%)		
Mean	47.11	42.21
Std. Deviation	1.00	0.60
Lsd/sig	1.14	p≤0.01
☐ Boll: weight (g)		
Mean	5.25	5.42
Std. Deviation	0.32	0.31
Lsd/sig	0.47	ns
☒ Boll: seed index		
Mean	9.21	10.05
Std. Deviation	0.34	0.34
Lsd/sig	0.41	p≤0.01
☒ Boll: lint index		
Mean	8.77	7.64
Std. Deviation	0.33	0.37
Lsd/sig	0.48	p≤0.01
☐ Boll: number of seeds		
Mean	28.24	29.44
Std. Deviation	1.94	1.49
Lsd/sig	2.32	ns
☐ Fibre: length (mm)		
Mean	29.84	30.03
Std. Deviation	0.56	0.91
Lsd/sig	1.02	ns
☐ Fibre: length uniformity (%)		
Mean	83.12	81.95
Std. Deviation	1.46	1.23
Lsd/sig	1.67	ns
Means Separation		
☒ Fibre: strength (g/tex)		
Mean	31.62	30.23
Std. Deviation	0.77	0.94
Lsd/sig	1.2	p≤0.01
☒ Fibre: extension (%)		
Mean	6.62	6.07
Std. Deviation	0.22	0.24
Lsd/sig	0.26	p≤0.01
☐ Fibre: micronaire		
Mean	4.07	4.37
Std. Deviation	0.22	0.34
Lsd/sig	0.32	ns

No prior sales.

Description: **Warwick Stiller, Narrabri, NSW, 2390.**

Gossypium hirsutum 'Siokra 253B3XF' (Cotton).

Details of Application

Application Number	2022/225
Variety Name	'Sicot 724XF'
Genus Species	*Gossypium hirsutum*
Common Name	Cotton
Accepted Date	05-Jan-2023
Applicant	Commonwealth Scientific and Industrial Research Organisation; Cotton Seed Distributors Ltd
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	ACRI located near the township of Narrabri, NSW, Australia.
Descriptor	Cotton (Gossypium) TG/88/7
Period	2022/2023 Summer
Conditions	Field grown irrigated trial with conventional management.
Trial Design	18 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: seed parent line 'Sicot 75RRF' x pollen parent line '15506F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 75RRF' is distinguished from 'Sicot 724XF' by the absence of MON88701 expression. The pollen parent line '15506F1' is distinguished from 'Sicot 724XF' by its segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Warwick Stiller, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Vip3A protein expression	absent
Plant	**Bialaphos resistance (BAR)** protein expression	present
Flower	colour of petals	cream
Leaf	nectaries	present
Leaf	pubescence	weak
Leaf	shape	palmate
Plant	Cry1Ac protein expression	absent
Plant	Cry2Ab protein expression	absent
Plant	CP4 protein expression	present

Plant	DMO protein expression	present
Disease resistance	bacterial blight	present
Plant	habit	erect
Boll	shape in longitudinal section	ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 75RRF'	

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

Organ/Plant Part: Context	'Sicot 724XF'	'Sicot 75RRF'
☐ Plant: type of flowering	semi-clustered	semi-clustered
☐ Flower: colour of petal	whitish	whitish
☐ Petal: spot	absent or very weak	absent or very weak
☐ Flower: colour of pollen	whitish	whitish
☐ Flower: position of stigma relative to anthers	clearly above	clearly above
☐ Leaf: shape	palmate	palmate
☐ Leaf: pubescence	weak	weak
☐ Leaf: presence of nectaries	present	present
☐ Boll: shape in longitudinal section	ovate	ovate
☐ Boll: pitting of surface	fine	fine
☐ Boll: length of peduncle	short to medium	short
☐ Plant: shape	conical	conical
☐ Plant: height	medium to tall	medium
☐ Boll: time of opening	medium to late	medium to late
☐ Boll: content of lint	high	high
☐ Fiber: length	long	medium to long
☐ Fiber: strength	strong	strong
☐ Fiber: elongation	medium to large	medium to large
☐ Fiber: fineness	fine to medium	fine to medium
☐ Fiber: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 724XF'	'Sicot 75RRF'
☐ Disease resistance**: Cotton Bunchy Top**	susceptible	susceptible
☐ Disease resistance**: bacterial blight**	resistant	resistant
☐ Disease resistance**: verticillium wilt**	moderate resistance	moderate resistance

☐ Disease resistance**: fusarium wilt**	moderate resistance	moderate resistance
☐ **Plant: Cry1Ac protein expression**	absent	absent
☐ **Plant: Cry2Ab protein expression**	absent	absent
☐ **Plant: habit**	erect	erect
☒ **Plant: Bialaphos resistance (BAR) protein expression**	present	absent
☐ **Plant: CP4 protein expression**	present	present
☒ **Plant: DMO protein expression**	present	absent
☐ **Plant: Vip3A protein expression**	absent	absent

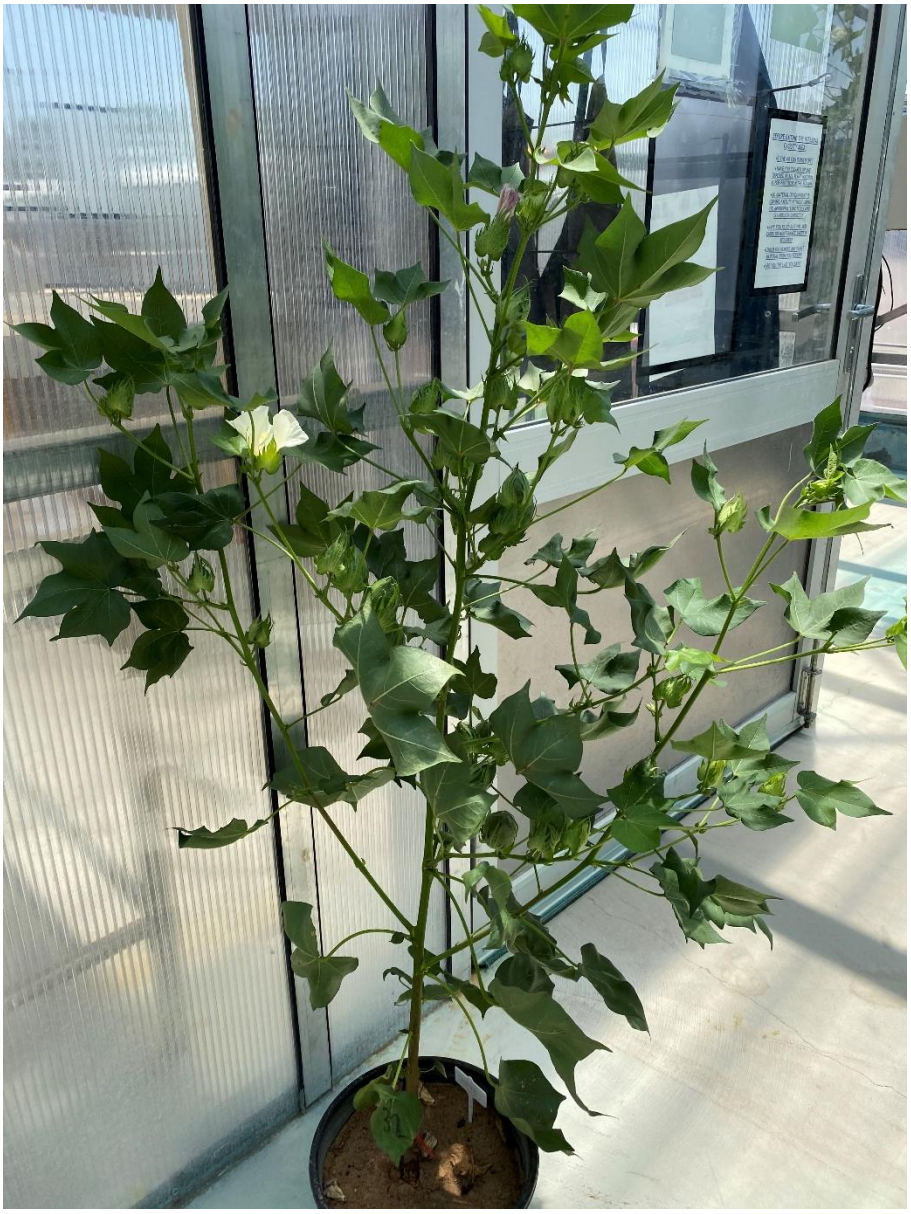
Statistical Table

Organ/Plant Part: Context	**'Sicot 724XF'**	**'Sicot 75RRF'**
☒ Plant: distance to first fruiting branch (cm)		
Mean	23.30	19.60
Std. Deviation	4.90	4.60
Lsd/sig	2.01	p≤0.01
☐ Plant: nodes to first fruiting branch		
Mean	6.80	7.00
Std. Deviation	1.10	1.20
Lsd/sig	0.37	ns
☒ Plant: number of nodes		
Mean	19.50	20.20
Std. Deviation	1.90	2.00
Lsd/sig	0.56	p≤0.01
☒ Plant: height (cm)		
Mean	94.30	84.80
Std. Deviation	10.30	10.60
Lsd/sig	3.09	p≤0.01
☐ Fruiting branch: first internode length (mm)		
Mean	110.20	105.50
Std. Deviation	24.00	22.40
Lsd/sig	7.78	ns
☒ Boll: peduncle length (mm)		
Mean	23.90	22.30
Std. Deviation	4.00	4.10
Lsd/sig	1.53	p≤0.01
☒ Stigma: distance above the stamens (mm)		
Mean	5.19	6.17
Std. Deviation	0.93	0.83
Lsd/sig	0.31	p≤0.01
☐ Boll: lint proportion (%)		
Mean	47.58	46.47
Std. Deviation	1.14	0.64

Lsd/sig	1.14	ns
☐ Boll: weight (g)		
Mean	5.01	5.34
Std. Deviation	0.27	0.57
Lsd/sig	0.47	ns
☐ Boll: seed index		
Mean	9.08	9.07
Std. Deviation	0.42	0.48
Lsd/sig	0.41	ns
☐ Boll: lint index		
Mean	8.72	8.39
Std. Deviation	0.65	0.49
Lsd/sig	0.48	ns
☒ Boll: number of seeds		
Mean	27.04	29.55
Std. Deviation	1.13	2.09
Lsd/sig	2.32	p≤0.01
☒ Fibre: length (mm)		
Mean	30.96	29.18
Std. Deviation	0.90	1.18
Lsd/sig	1.02	p≤0.01
☐ Fibre: length uniformity (%)		
Mean	83.29	83.47
Std. Deviation	1.24	2.32
Lsd/sig	1.67	ns
☐ Fibre: strength (g/tex)		
Mean	32.91	32.88
Std. Deviation	1.15	1.11
Lsd/sig	1.2	ns
☐ Fibre: extension (%)		
Mean	6.09	6.28
Std. Deviation	0.20	0.32
Lsd/sig	0.26	ns
☐ Fibre: micronaire		
Mean	4.22	4.47
Std. Deviation	0.31	0.32
Lsd/sig	0.32	ns

No prior sales.

Description: **Warwick Stiller, Narrabri, NSW, 2390.**



Gossypium hirsutum 'Sicot 724XF' (Cotton).

Details of Application

Application Number	2023/034
Variety Name	'Longreach Soaker'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	Soaker
Accepted Date	27-Mar-2023
Applicant	Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC, Australia
Agent	Longreach Plant Breeders Management Pty. Ltd., Lonsdale, SA, 5160, Australia
Qualified Person	Jesse Fidgeon

Details of Comparative Trial

Location	Tarlee, South Australia
Descriptor	TG/3/12
Period	2023
Conditions	An efficacy trial was sown at Tarlee, South Australia. The trial was sown on the 2nd of June 2023, on a faba bean stubble. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. There was mild disease, pest and weed pressure at the trial site. A pre seeding mix of 100kg/ha of MAP and Flutriafol was spread on the trial area for nutrition and early disease management. A range of herbicides were applied to be incorporated by sowing; Crucial (2.5L/ha), Hammer (45mL/ha), Boxer Gold (2.5L/ha), Avadex (3.2L/ha) and Sakura (11g/ha); these were used to kill and inhibit the growth of both grass and broadleaf weeds. Post emergent application was conducted on the 13th July, which included Lontral (60mL/ha), MCPA LVE (600mL/ha), Paradigm (25g/ha) and Alpha Scud (50mL/ha); these were used to control early weeds and pests. A trace element was also applied to boost plant nutrition. On the 18th of July Intervix was applied. The trial received three treatments of herbicide; untreated, Intervix at 750ml/ha + Hasten, and 1500mL/ha Intervix + Hasten. The phenotypic traits and Clearfield resistance of the varieties in trial was assessed at various stages during the growing season. On the 1st of August a 100kg/ha urea was applied followed by applications of TopNotch (600mL/ha) and Pyrinex (1L/ha) on the 2nd of August to control fungal diseases and pests. On the 4th of September, Prosaro (300mL/ha) and Pyrinex (1L/ha) were applied to again control disease and pests. A final pesticide application of Pyrinex (1L/ha) was applied on the 28th of September. On the 3rd of October an 85kg/ha application of urea was applied to increase grain protein. Season finished with late rains through November and December. The trial was harvested on the 5th of December 2023.
Trial Design	A randomised completed block design of was used consisting of 18 entries of comparators and potential candidates. The trial was sown in

	12 ranges by 18 plots wide, each entry replicated twelve times. Plots were 4.2m long by 1.8m wide (6 rows) and included approximately 1300 plants per plot.
Measurements	Quantitative characters were measured and recorded across each of the 12 replicated plots. 10 randomly sampled plants in each replicate throughout the growing season at appropriate growth stages.

RHS Chart - edition

Origin and Breeding

Induced mutation or sport: In 2016 a seed quantity of "Scepter" wheat was mutated by Global Grain Genetics (GGG). The mutated seed was planted as a bulk and plants were phenotypically selected and harvested (M1). In 2017, the selected plants were grown out in pots to increase seed quantities (M2). In the summer of 2017/18 a nursery was grown and several selections were made (M3), including 16SCEPTERMW-17HI2041-17S3004. In 2018 the selected mutants were transferred from GGG to LongReach Plant Breeders under a material transfer agreement. The population was screeded by LongReach Plant Breeders in the LRPB winter nursery and 16SCEPTERMW-17HI2041-17S3004 was selected (M4). In the summer of 2018/19, 16SCEPTERMW-17HI2041-17S3004 was again screened and selected (M5). 2019 saw 16SCEPTERMW-17HI2041-17S3004 entered into the Stage 1 LongReach Plant Breeders yield, agronomic and quality testing trials across South Australia and Victoria. The breeders code of LPB19-6184 was assigned (M6) and LPB19-6184 progressed through the SA/Vic trial program until 2022 (M9). In 2023 PRB part 1 was completed and LPB19-6184 was approved to be named SOAKER. Soaker, in 2023 was trialled across the country in the WA, SA, VIC and NSW LongReach Plant Breeders trials and in the National Variety Trial program (M10). A separate seed purity program started in 2021, producing the seed source for the commercial seed production in 2022. Breeder: Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	awns or scurs	awns present
Seasonal	type	spring
Ear	colour	white
Flag Leaf	anthocyanin colour auricles	absent / very weak
Time of	ear emergence	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Scepter'	Matches grouping characteristics

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Wyalkatchem'	straw pith	thickness	thin	medium	

'Mace'	time of ear emergence		medium	early to medium
'Caliber'	flag leaf	anthocyanin colouration	absent	strong

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

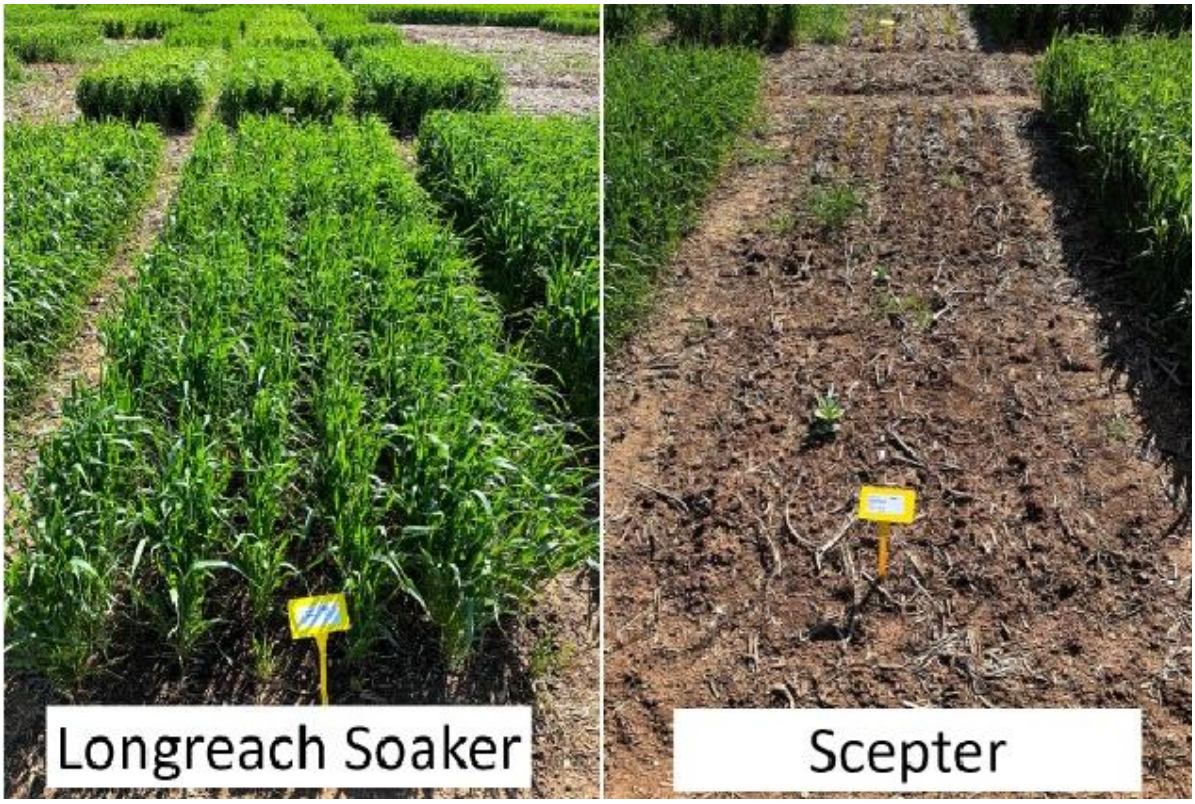
Organ/Plant Part: Context	'LONGREACH SOAKER'	'Scepter'
☐ *Plant: growth habit	erect to semi erect	erect to semi erect
☐ Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak
☐ *Time of ear emergence	medium	medium
☐ *Flag leaf: glaucosity of sheath	weak to medium	weak to medium
☐ *Ear: glaucosity	weak to medium	weak to medium
☐ *Lower glume: hairiness on external surface	absent	absent
☐ *Plant: length	medium	medium
☐ *Straw: pith in cross section	thin	thin
☐ *Ear: density	medium	lax to medium
☐ Ear: length	medium to long	medium
☐ *Ear: scurs or awns	awns present	awns present
☐ *Ear: length of scurs or awns	medium	medium
☐ *Ear: colour	white	white
☐ Ear: shape in profile	tapering	tapering
☐ Lower glume: shoulder width	narrow to medium	narrow to medium
☒ Lower glume: shoulder shape	horizontal	slightly elevated
☒ Lower glume: length of beak	long	very long
☐ *Lower glume: shape of beak	straight to slightly curved	straight to slightly curved
☒ Lower glume: area of hairiness on internal surface	small	medium
☐ *Seasonal: type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LONGREACH SOAKER'	'Scepter'
☐ **Herbicide Tolerance: AHASL1A-S653(At)N**	Wild type	Wild type
☐ **Herbicide Tolerance: AHASL1B-S653(At)N**	Wild type	Wild type
☒ **Herbicide Tolerance: AHASL1D-S653(At)N**	Homozygous	Wild type

Prior Applications and Sales: **Nil**

Description: **Jesse Fidgeon**, Lonsdale, SA, 5160, Australia



Wheat (*Triticum aestivum)* variety 'Longreach Soaker' with its comparator 'Scepter'

Details of Application

Application Number	2023/215
Variety Name	'Manburg'
Genus Species	*Mandevilla* hybrid
Common Name	Mandevilla
Accepted Date	03-Nov-2023
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW 2264 Australia.
Agent	Ramm Botanicals Pty Ltd as a trustee for the Ramm Botanicals Trust, Kangy Angy, NSW 2258
Author of Description	Hannah Clifton

Details of Comparative Trial

Location	Kangy Angy, NSW, 2258
Descriptor	TG/298/1
Period	Feburary 2023 - Feburary 2024
Conditions	Rooted cuttings of both the candidate variety and the comparator were potted into 140mm standard black plastic pots. 8g of Nurtricote standard 270 day was incorporated into the media at planting and added again as a top dress 6 months later. No supplementary fertilizer was used. Potting mix was general purpose type consisting of composted pine bark and coir with a pH of 6.2-6.6. No significant pest or disease was encountered during the trial.
Trial Design	15 plants each of the candidate and comparators were arranged in a randomised manner.
Measurements	Measurements were taken in metric system following the UPOV TG.
RHS Chart - edition	RHS sixth edition 2015

Origin and Breeding

Controlled Pollination: A controlled pollination was carried out in December 2017 at Macquarie Fields, NSW as part of a mandevilla breeding program. The candidate originated from a cross of proprietary selections 'MS16.35a' as the seed parent and 'MS16.35b' as the pollen parent. In 2018 a seedling of 'Manburg' was grown to maturity and selected based on the attractive habit and flowers. Breeder: Ruijun Li, Nuflora International Pty Ltd, NSW 2147.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla lobe	main colour of upper side	red
Corolla throat	shape	campanulate
Corolla	diameter	small to medium
Leaf blade	bulging between veins	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Audrey'	

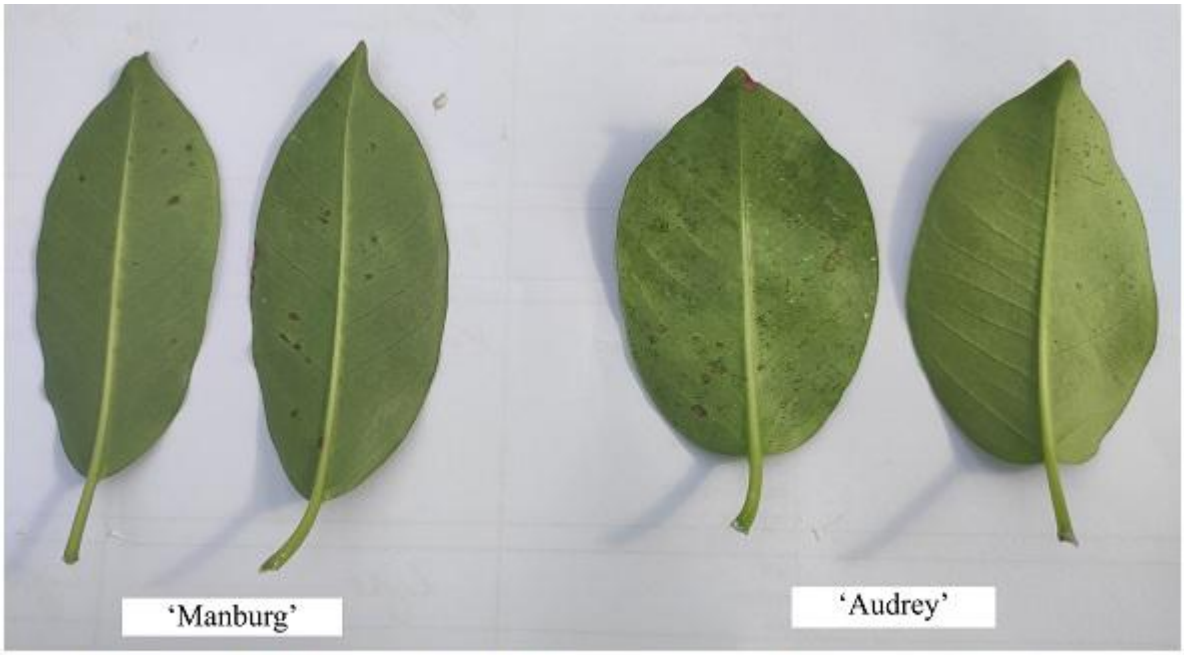
Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with X

Organ/Plant Part: Context	'Manburg'	'Audrey'
☒ Plant: density	medium to dense	sparse
☒ Plant: amount of climbing tendrils	medium	absent or few
☒ Stem: length of internode	very short to short	medium
☐ Young stem: green color	light	light
☐ Young stem: anthocyanin coloration	absent or very weak	absent or very weak
☐ Stem: pubescence	absent	absent
☐ Leaf: arrangement	decussate	decussate
☐ Petiole: length	medium	medium
☐ Petiole: color	light green	light green
☐ Petiole: anthocyanin coloration	weak	weak
☐ Petiole: pubescence	absent	absent
☐ Leaf blade: length	medium	medium
☒ Leaf blade: width	narrow	broad to very broad
☒ Leaf blade: ratio length/width	strongly elongated	slightly elongated
☐ Leaf blade: position of broadest part	at middle	at middle
☐ Leaf blade: shape of apex	acuminate	acuminate
☐ Leaf blade: main color	dark green	dark green
☐ Leaf blade: glossiness of upper side	strong	strong
☐ Leaf blade: bulging between the veins	absent or very weak	absent or very weak
☐ Leaf blade: pubescence of upper side	absent	absent
☐ Leaf blade: intensity of green color of lower side	light	light
☐ Leaf blade: pubescence of lower side	absent	absent
☐ Leaf blade: shape in profile	incurving	incurving
☐ Leaf blade: undulation of margin	absent or very weak	absent or very weak
☐ Pedicel: length	medium to long	medium to long
☐ Pedicel: intensity of green color	light	light
☐ Pedicel: anthocyanin coloration	absent or weak	absent or weak

☐ Pedicel: pubescence	absent	absent
☐ Flower bud: shape	trullate	trullate
☐ Flower: type	single	single
☐ Calyx: length	short to medium	medium
☐ Calyx: color of basal half	light green	light green
☐ Calyx: color of distal half	light red	light red
☐ Corolla: diameter	small to medium	small to medium
☐ Corolla tube: length	medium	medium
☐ Corolla tube: Colour of outer side (RHS Colour Chart)	42A	42A
☐ Corolla throat: length	short	short
☐ Corolla throat: width of distal part	medium	medium
☐ Corolla throat: shape	campanulate	campanulate
☐ Corolla throat: Colour of basal half of outer side (RHS Colour Chart)	1D	1D
☐ Corolla throat: colour of distal half of outer side (RHS Colour Chart)	46A	N45B
☐ Corolla throat: colour of basal half of inner side (RHS Colour Chart)	28A	28A
☐ Corolla throat: colour of distal half of inner side (RHS Colour Chart)	46A	N45B
☐ Corolla lobe: symmetry	strongly asymmetric	strongly asymmetric
☐ Corolla lobe: shape of apex	acuminate	acuminate
☐ Corolla lobe: main color of upper side (RHS Color Chart)	53A	53A
☐ Corolla lobe: recurving of margin	weak to medium	medium to strong
☒ Corolla lobe: undulation of margin	strong	weak
☐ Corolla lobe: shape in longitudinal section of distal part	concave	concave
☐ Filament: color	light green	light green
☐ Anther: color	light yellow	white
☐ Ovary: color	light green	light green

Prior Applications and Sales: **Nil**

Description: **Hannah Clifton**, Kangy Angy, NSW 2258



Mandevilla (*Mandevilla* hybrid) variety 'Manburg' showing difference in leaf blade with its comparator 'Audrey'

Mandevilla (*Mandevilla* hybrid) variety 'Manburg' showing difference in leaf blade with its comparator 'Audrey'

Details of Application	
Application Number	2024/035
Variety Name	'Brolga'
Genus Species	*Vigna radiata*
Common Name	Mung Bean
Accepted Date	28-Mar-2024
Applicant	The State of Queensland acting through the Department of Primary Industries (DPI); Grains Research and Development Corporation, Barton ACT 2600 Australia
Agent	The State of Queensland acting through the Department of Primary Industries (DPI)
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial	
Location	Cleveland, QLD, Australia (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	PBR VIGN Mungbean (NEW) (Vigna radiate)
Period	5 Feb – 23 May 2024
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown into dry soil on 5 Feb 2024 prior to irrigation on 6 Feb 2024; weed control by pre-emergence S-metolachlor (Dual Gold®) applied pre-planting on 25 Jan 2024; watered with a slurry of Cowpea inoculant (Group I – CB1015) on 7 Feb 2024; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 24 Nov 2021 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth. Sprayed seedlings with chlorantraniliprole (Coragen®) + deltamethrin (Ballistic® Elite) + spinetoram (Success® Neo) for insect protection on 22 Feb 2024); sprayed with azoxystrobin (Amistar® 250 SC) to protect against soil root disease fungi; sprayed with chlorantraniliprole (Coragen®) + deltamethrin (Ballistic® Elite) + spinetoram (Success® Neo) + imidacloprid (Confidor®) to protect plants, flowers and pods against aphids, caterpillars and sucking bugs (2 and 18 Apr 2024).
Trial Design	Mini-sward rows of 4 cultivars ('Brolga', 'Kookaburra', 'AGV1015', 'Opal-AU' [Red form]) plus second-generation plots of 2 cultivars ('Brolga', 'Kookaburra') were arranged in 5 randomised blocks; ±30 plants per 1.5 m mini-sward plot seeded at c. 10 cm spacing (2 seeds per position) along a single 60 m row; 0.5 m between mini-sward plots.
Measurements	Days to first flowering determined for each plot (13-14 Mar 2024). Measurements (six per plot) made of leaflet attributes on fully expanded leaves from the third node below the tip of the main stem (11-12 Apr 2024). Mature plant height and numbers of main stem nodes and primary leafy branches determined on 6 plants per plot (23 May 2024). Ripe pod attributes measured on 12 well-developed seed pods per plot (12-17 Apr 2024). Seed size determined after

	drying at 35°C for sub-samples of 200 seeds per plot. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2015 (6th edition)

Origin and Breeding

Controlled Pollination and Single Plant Selection. A single cross was made in 2016 between fixed breeding lines M14383 and M15032. One F1 individual was grown out and planted as an F2 field plot in the summer of 2017-2018 at Warwick (QLD). Material was then advanced through two generations of single seed descent (SSD F3-F5) in the glasshouse through 2018 and sown as an F5 (MAUS16-037>F2HRMT414-F5) at Warwick in observation rows during the 2018-2019 summer. Late in 2019, the line entered S1 replicated yield trials at Emerald and Warwick (2019-2020) before progressing to S2 and S3 regional replicated yield trials in subsequent years (summers of 2021-2022 and 2022-2023). Disease nurseries first commenced in 2019-2020 and over the next four years confirmed M19100 as having superior resistance to halo blight, tan spot and powdery mildew diseases compared with previously released varieties. Breeders: Dr Merrill Ryan and Col Douglas, Warwick, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seedling hypocotyl	colour	green
Seed	colour	green
Seed	size	medium - very large
Ripe pod	colour	black
Ripe pod	length	long - very long
Seed	surface lustre	shiny
Ripe pod	width/depth ratio	medium - very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘AGV1015’	PBR Application No. 2021/094
'Kookaburra'	PBR Application No. 2024/036

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Satin 2’	Seed	surface lustre	shiny	dull	PBR Application No. 2008/253
‘Celera II-AU’	Seed	size	large	small	PBR Application No. 2013/202
'Berken'	Plant	height	tall	medium	Released in 1975

'Berken'	Plant	number of primary branches	medium	very low	
‘Emerald’	Seed	size	large	small	PBR Application No. 1992/165
‘Emerald’	Plant	number of primary branches	medium	very low	
'Crystal'	Ripe pod	Width/depth ratio	medium	large to very large	PBR Application No. 2007/308
'Jade'	Ripe pod	colour	black	brown	PBR Application No. 2012/023
'AGV1011'	Ripe pod	Width/depth ratio	medium	large	PBR Application No. 2018/270
'Opal-AU'	Seedling	hypocotyl colour	green	mixed red and green	PBR Application No. 2019/156
‘vi010’	Seed	colour	green	yellow	PBR Application No. 2021/249
‘vi010’	Seed	size	large	small	
‘vi010’	Seedling	hypocotyl colour	green	red	
‘Black Pearl’	Seed	colour	green	black	PBR Application No. 1994/081
‘Onyx-AU’	Seed	colour	green	black	
‘Regur’	Seed	colour	green	black	

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

Organ/Plant Part: Context	**‘Brolga’**	**'Kookaburra'**	**‘AGV1015’**
☒ Seedling: hypocotyl colouration	anthocyanin absent	anthocyanin present	anthocyanin absent
☐ Plant: growth habit	erect	erect	erect
☐ Plant: growth type	determinate	determinate	determinate
☐ Plant: twining tendency	absent	absent	absent
☒ Plant: height	tall	medium	tall
☐ Plant: branching pattern (predominant position of branches)	towards the base	towards the base	towards the base
☒ Plant: number of primary branches	medium to high	high	medium
☒ Stem: anthocyanin colouration	absent	present	absent

☒ Stem: pubescence	dense	sparse	medium
☒ Leaf: pubescence	medium	sparse	medium
☐ Leaf: intensity of green colour on upper side	dark	dark	dark
☐ Leaf: colour of upper side (RHS)	136A	NN137A	139A
☐ Petiole: length	medium	medium	medium
☒ Petiole: pubescence	medium	sparse	medium
☒ Leaf: length of central petiolule	medium to long	medium	medium
☒ Petiolule: pubescence	medium	sparse	sparse
☐ Leaf: shape of terminal leaflet	deltate	deltate	deltate
☒ Leaf: length of terminal leaflet	long to very long	long	medium to long
☒ Leaf: width of terminal leaflet	broad to very broad	medium to broad	medium to broad
☐ Time of: beginning of flowering	medium	medium	medium
☐ Inflorescence: predominant position relative to canopy	above	above	above
☐ Inflorescence: number of pods per axillary inflorescence (or hand)	many	many	very many
☐ Peduncle: pubescence	sparse	sparse	sparse
☒ Peduncle: length	medium	short	medium
☐ Flower: colour of standard petal	greenish-yellow	greenish-yellow	greenish-yellow
☐ Flower: colour of standard petal (RHS)	146C	146C-D	146D
☐ Flower: colour of wings	yellow	yellow	yellow
☐ Flower: colour of wings (RHS)	1B	1B	1B
☐ Flower: colour of keel	yellow	yellow	yellow
☐ Flower: colour of calyx	green	green	green
☐ Immature pod: colour	light green	light green	light green

☒ Immature pod: colour of ventral suture	anthocyanin absent	anthocyanin present	anthocyanin absent
☐ Mature Pod: colour	black	black	black
☐ Mature Pod: colour (RHS)	202A	202A	202A
☐ Mature Pod: attitude (of pod attachment to peduncle)	erect to semi-pendulous	erect to semi-pendulous	erect to semi-pendulous
☒ Mature Pod: pubescence	sparse	medium	medium
☐ Mature Pod: shattering	absent	absent	absent
☒ Mature Pod: curvature	slightly curved	curved	slightly curved
☒ Mature Pod: shape in cross-section	semi-flat	oval	semi-flat
☒ Mature Pod: shape of beak	pointed	hook	pointed
☒ Mature Pod: constriction between seeds	absent	present	absent
☒ Mature Pod: length	long	very long	long
☐ Mature Pod: number of seeds per pod	high	high	high
☐ Seed: shape	ovoid	ovoid	ovoid
☐ Seed: hilum shape	non-concave (aril not prominent)	non-concave (aril not prominent)	non-concave (aril not prominent)
☐ Seed: colour	green-yellow	green-yellow	green-yellow
☐ Seed: colour (RHS)	146C	146(B-)C	144A
☐ Seed: lustre of surface	present (shiny)	present (shiny)	present (shiny)
☐ Seed: mottling on surface	absent	absent	absent
☒ Seed: size	medium to large	very large	large to very large

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Brolga'**	**'Kookaburra'**	**'AGV1015'**
☐ **Seedling: shape of first unifoliate leaf**	lanceolate	lanceolate	lanceolate

Statistical Table

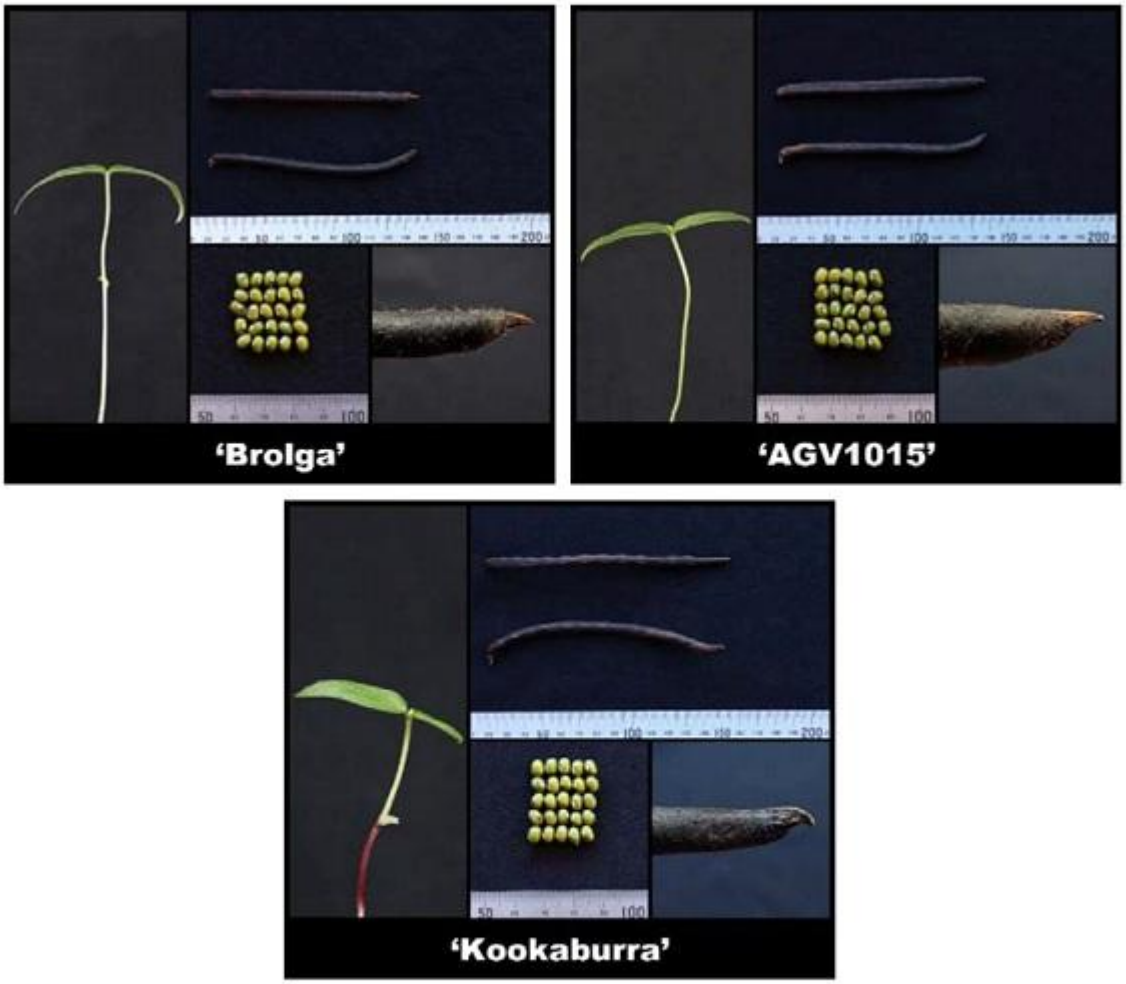
Organ/Plant Part: Context	'Brolga'	'Kookaburra'	'AGV1015'
☐ **Plant: days from sowing to flowering (days)**			
Mean	37.40	37.20	37.80
Std. Deviation	0.55	0.45	0.84
Lsd/sig	0.89	ns	ns
☒ **Plant: mature height (cm)**			
Mean	79.50	65.13	71.87
Std. Deviation	7.86	9.09	9.80
Lsd/sig	7.09	P≤0.01	P≤0.01
☐ **Plant: number of nodes on main stem**			
Mean	9.33	10.20	8.97
Std. Deviation	0.99	1.16	1.50
Lsd/sig	1.08	ns	ns
☐ **Plant: number of primary branches on main stem**			
Mean	2.60	3.27	1.97
Std. Deviation	1.07	0.83	0.85
Lsd/sig	0.74	ns	ns
☐ **Trifoliate leaf: petiole length (mm)**			
Mean	199.37	195.00	181.23
Std. Deviation	28.32	34.53	32.91
Lsd/sig	23.41	ns	ns
☐ **Trifoliate leaf: petiolule length (subtending terminal leaflet) (mm)**			
Mean	48.53	45.40	43.50
Std. Deviation	4.08	5.72	6.37
Lsd/sig	6.06	ns	ns
☒ **Trifoliate leaf: terminal leaflet length (mm)**			
Mean	163.67	151.53	148.43
Std. Deviation	13.12	13.82	14.34
Lsd/sig	13.00	ns	P≤0.01
☒ **Trifoliate leaf: terminal leaflet width (mm)**			
Mean	141.77	123.13	124.30
Std. Deviation	12.01	12.96	15.27
Lsd/sig	12.70	P≤0.01	P≤0.01
☒ **Trifoliate leaf: terminal leaflet length/width ratio**			
Mean	1.16	1.23	1.20
Std. Deviation	0.08	0.07	0.07
Lsd/sig	0.07	P≤0.01	ns
☒ **Trifoliate leaf: lateral leaflet length (mm)**			
Mean	160.07	146.33	143.47
Std. Deviation	15.21	16.15	14.95
Lsd/sig	13.75	P≤0.01	P≤0.01

☒ **Trifoliate leaf: lateral leaflet width (mm)**			
Mean	124.93	109.43	110.03
Std. Deviation	13.14	11.57	14.00
Lsd/sig	10.48	P≤0.01	P≤0.01
☒ **Trifoliate leaf: lateral leaflet length/width ratio**			
Mean	1.28	1.34	1.31
Std. Deviation	0.06	0.07	0.06
Lsd/sig	0.05	P≤0.01	ns
☒ **Inflorescence: peduncle length (cm)**			
Mean	19.89	17.00	21.06
Std. Deviation	1.54	1.65	2.01
Lsd/sig	1.47	P≤0.01	ns
☒ **Inflorescence: number of pods per hand**			
Mean	5.27	5.67	6.50
Std. Deviation	1.17	1.16	1.91
Lsd/sig	0.84	ns	P≤0.01
☒ **Pod: length (mm)**			
Mean	117.50	140.52	116.60
Std. Deviation	1.91	2.25	2.06
Lsd/sig	2.38	P≤0.01	ns
☒ **Pod: width (mm)**			
Mean	6.68	6.35	7.40
Std. Deviation	0.23	0.18	0.21
Lsd/sig	0.20	P≤0.01	P≤0.01
☒ **Pod: depth (mm)**			
Mean	5.85	6.83	5.75
Std. Deviation	0.22	0.26	0.21
Lsd/sig	0.25	P≤0.01	ns
☒ **Pod: width/depth ratio**			
Mean	1.14	0.93	1.29
Std. Deviation	0.03	0.04	0.05
Lsd/sig	0.03	P≤0.01	P≤0.01
☐ **Pod: number of seeds per pod**			
Mean	13.53	13.33	13.33
Std. Deviation	0.66	0.56	0.53
Lsd/sig	0.38	ns	ns
☒ **Pod: number of seeds per cm of pod**			
Mean	1.15	0.95	1.14
Std. Deviation	0.06	0.04	0.05
Lsd/sig	0.03	P≤0.01	ns
☒ **Pod: seed weight per pod (g)**			
Mean	75.63	0.86	0.94
Std. Deviation	1.68	0.05	0.04
Lsd/sig	2.66	P≤0.01	ns

☒ **Seed: 100-seed weight (g)**			
Mean	7.58	7.82	7.73
Std. Deviation	0.07	0.03	0.02
Lsd/sig	0.14	P≤0.01	P≤0.01

Prior Applications and Sales: **Nil**

Description: **Dr Donald S. Loch,** Alexandra Hills, 4161 QLD.



Mung Bean (*Vigna radiata*) – Clockwise from top left, 'Brolga' with comparators 'AGV1015' and 'Kookaburra' showing seedling hypocotyl colour, size and shape of pods, pod beak, and seeds.

Mung Bean (*Vigna radiata*) – Clockwise from top left, 'Brolga' with comparators 'AGV1015' and 'Kookaburra' showing seedling hypocotyl colour, size and shape of pods, pod beak, and seeds.

Details of Application

Application Number	2024/036
Variety Name	'Kookaburra'
Genus Species	*Vigna radiata*
Common Name	Mung Bean
Accepted Date	28-Mar-2024
Applicant	The State of Queensland acting through the Department of Primary Industries (DPI); Grains Research and Development Corporation, Barton ACT 2600 Australia
Agent	The State of Queensland acting through the Department of Primary Industries (DPI); Grains Research and Development Corporation, Barton ACT 2600 Australia
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD, Australia (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	PBR VIGN Mungbean (NEW) (Vigna radiata)
Period	5 Feb – 23 May 2024
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown into dry soil on 5 Feb 2024 prior to irrigation on 6 Feb 2024; weed control by pre-emergence S-metolachlor (Dual Gold®) applied pre-planting on 25 Jan 2024; watered with a slurry of Cowpea inoculant (Group I – CB1015) on 7 Feb 2024; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 24 Nov 2021 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth. Sprayed seedlings with chlorantraniliprole (Coragen®) + deltamethrin (Ballistic® Elite) + spinetoram (Success® Neo) for insect protection on 22 Feb 2024); sprayed with azoxystrobin (Amistar® 250 SC) to protect against soil root disease fungi; sprayed with chlorantraniliprole (Coragen®) + deltamethrin (Ballistic® Elite) + spinetoram (Success® Neo) + imidacloprid (Confidor®) to protect plants, flowers and pods against aphids, caterpillars and sucking bugs (2 and 18 Apr 2024).
Trial Design	Mini-sward rows of 4 cultivars ('Kookaburra', 'Brolga', 'Opal-AU' [Red form]) , 'AGV1015' plus second-generation plots of 2 cultivars ('Kookaburra', 'Brolga') were arranged in 5 randomised blocks; ±30 plants per 1.5 m mini-sward plot seeded at c. 10 cm spacing (2 seeds per position) along a single 60 m row; 0.5 m between mini-sward plots.
Measurements	Days to first flowering determined for each plot (13-14 Mar 2024). Measurements (six per plot) made of leaflet attributes on fully expanded leaves from the third node below the tip of the main stem (11-12 Apr 2024). Mature plant height and numbers of main stem nodes and primary leafy branches determined on 6 plants per plot (23 May 2024). Ripe pod attributes measured on 12 well-developed seed pods per plot (12-17 Apr 2024). Seed size determined after drying at

	35°C for sub-samples of 200 seeds per plot. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2015 (6th edition)

Origin and Breeding

Controlled Pollination and Single Plant Selection. A single cross was made in 2017 between fixed breeding lines M14070 and M11057. One F1 individual was grown out and planted as an F2 field plot in the summer of 2017-2018 at Warwick (QLD). Material was then advanced through two generations of single seed descent (SSD F3-F5) in the glasshouse through 2018 and sown as an F5 (MAUS17-111>F2HRMT420-F5) at Warwick in observation rows during the 2018-2019 summer. Late in 2019, the line entered S1 replicated yield trials at Emerald and Warwick (2019-2020) before progressing to S2 and S3 regional replicated yield trials in subsequent years (summers of 2021-2022 and 2022-2023). Disease nurseries first commenced in 2019-2020 and over the next four years confirmed "M19259" as having superior resistance to halo blight, tan spot and powdery mildew diseases compared with previously released varieties. Breeders: Dr Merrill Ryan and Col Douglas, Warwick, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seedling hypocotyl	colour	red
Seed	colour	green
Seed	size	medium - very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Opal-AU' (Red form)	Selection from PBR Application No. 2019/156
'Brolga'	PBR Application No. 2024/035

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Jade'	Seedling	hypocotyl colour	red	green	PBR Application No. 2012/023
'AGV1011'	Seedling	hypocotyl colour	red	green	PBR Application No. 2018/270
'AGV1015'	Seedling	hypocotyl colour	red	green	PBR Application No. 2021/094
'Opal-AU'	Seedling	hypocotyl colour	red	mixed red and green	PBR Application No. 2019/156
'vi010'	Seed	colour	green	yellow	PBR Application No. 2021/249
'vi010'	Seed	size	very large	small	

'Black Pearl'	Seed	colour	green	black	PBR Application No. 1994/081
'Onyx-AU'	Seed	colour	green	black	
'Regur'	Seed	colour	green	black	
'Satin 2	Seedling	hypocotyl colour	red	green	PBR Application No. 2008/253
'Celera II-AU'	Seedling	hypocotyl colour	red	green	PBR Application No. 2013/202
'Green Diamond'	Seedling	hypocotyl colour	red	green	PBR Application No. 1997/144
'Berken'	Seedling	hypocotyl colour	red	green	Released in 1975
'Emerald'	Seedling	hypocotyl colour	red	green	PBR Application No. 1992/165
'Crystal'	Seedling	hypocotyl colour	red	green	PBR Application No. 2007/308

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

Organ/Plant Part: Context	**'Kookaburra'**	**'Brolga'**	**'Opal-AU' (Red form)**
☒ Seedling: hypocotyl colouration	anthocyanin present	anthocyanin absent	anthocyanin present
☐ Plant: growth habit	erect	erect	erect
☐ Plant: growth type	determinate	determinate	determinate
☐ Plant: twining tendency	absent	absent	absent
☒ Plant: height	medium	tall	tall
☐ Plant: branching pattern (predominant position of branches)	towards the base	towards the base	towards the base
☐ Plant: number of primary branches	high	medium to high	high
☒ Stem: anthocyanin colouration	present	absent	present
☒ Stem: pubescence	sparse	dense	dense
☐ Leaf: pubescence	medium	medium	medium
☐ Leaf: intensity of green colour on upper side	dark	dark	dark
☐ Leaf: colour of upper side (RHS)	NN137A	136A	136A
☐ Petiole: length	medium	medium	medium
☒ Petiole: pubescence	sparse	medium	medium
☐ Leaf: length of central petiolule	medium	medium to long	medium to long
☒ Petiolule: pubescence	sparse	medium	medium
☐ Leaf: shape of terminal leaflet	deltate	deltate	deltate

☒ Leaf: length of terminal leaflet	long	long to very long	very long
☐ Leaf: width of terminal leaflet	broad to very broad	broad to very broad	very broad
☐ Time of: beginning of flowering	medium	medium	medium
☐ Inflorescence: predominant position relative to canopy	above	above	above
☐ Inflorescence: number of pods per axillary inflorescence (or hand)	many	many	many
☒ Peduncle: pubescence	sparse	sparse	dense
☒ Peduncle: length	short	medium	medium
☐ Flower: colour of standard petal	greenish-yellow	greenish-yellow	greenish-yellow
☐ Flower: colour of standard petal (RHS)	146C-D	146C	147C
☐ Flower: colour of wings	yellow	yellow	yellow
☐ Flower: colour of wings (RHS)	1B	1B	1B
☐ Flower: colour of keel	yellow	yellow	yellow
☐ Flower: colour of calyx	green	green	green
☐ Immature pod: colour	light green	light green	light green
☒ Immature pod: colour of ventral suture	anthocyanin present	anthocyanin absent	anthocyanin present
☐ Mature Pod: colour	black	black	black
☐ Mature Pod: colour (RHS)	202A	202A	202A
☐ Mature Pod: attitude (of pod attachment to peduncle)	erect to semi-pendulous	erect to semi-pendulous	erect to semi-pendulous
☒ Mature Pod: pubescence	medium	sparse	medium
☐ Mature Pod: shattering	absent	absent	absent
☒ Mature Pod: curvature	curved	slightly curved	slightly curved
☒ Mature Pod: shape in cross-section	oval	semi-flat	round
☒ Mature Pod: shape of beak	hook	pointed	knob
☒ Mature Pod: constriction between seeds	present	absent	absent
☒ Mature Pod: length	very long	long	short to medium
☒ Mature Pod: number of seeds per pod	medium to high	high	high to very high
☐ Seed: shape	ovoid	ovoid	ovoid
☐ Seed: hilum shape	non-concave (aril not prominent)	non-concave (aril not prominent)	non-concave (aril not prominent)

☐ Seed: colour	green-yellow	green-yellow	green-yellow
☐ Seed: colour (RHS)	144A	146C	146(B-)C
☐ Seed: lustre of surface	present (shiny)	present (shiny)	present (shiny)
☐ Seed: mottling on surface	absent	absent	absent
☒ Seed: size	very large	medium to large	small to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Kookaburra'	'Brolga'	'Opal-AU' (Red form)
☐ **Seedling: shape of first unifoliate leaf**	lanceolate	lanceolate	lanceolate

Statistical Table

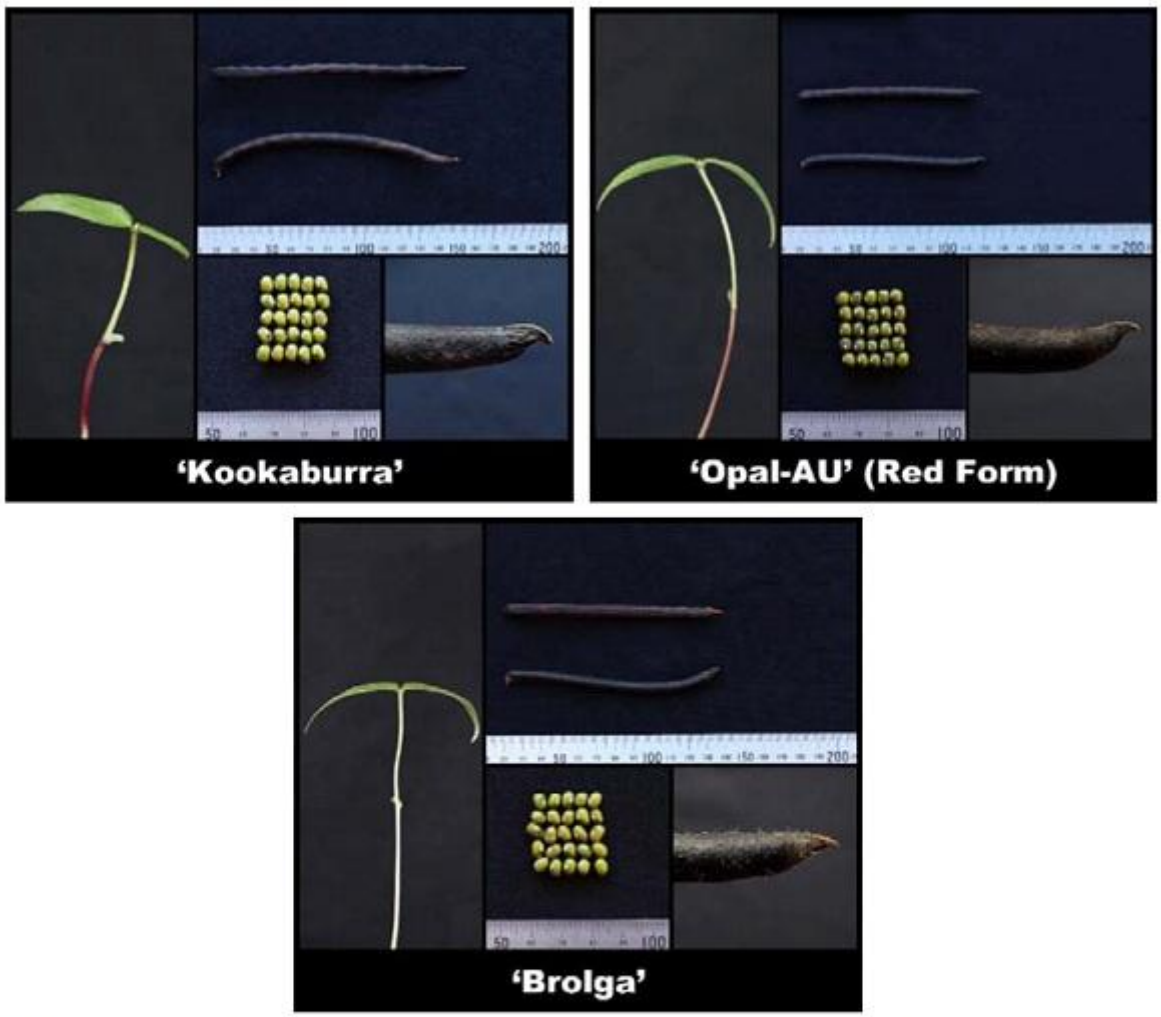
Organ/Plant Part: Context	'Kookaburra'	'Brolga'	'Opal-AU' (Red form)
☐ **Plant: days from sowing to flowering (days)**			
Mean	37.20	37.40	37.40
Std. Deviation	0.45	0.55	0.55
Lsd/sig	0.89	ns	ns
☒ **Plant: mature height (cm)**			
Mean	65.13	79.50	75.63
Std. Deviation	9.09	7.86	6.57
Lsd/sig	7.09	P≤0.01	P≤0.01
☐ **Plant: number of nodes on main stem**			
Mean	10.20	9.33	10.23
Std. Deviation	1.16	0.99	0.97
Lsd/sig	1.08	ns	ns
☐ **Plant: number of primary branches on main stem**			
Mean	3.27	2.60	2.97
Std. Deviation	0.83	1.07	0.72
Lsd/sig	0.74	ns	ns
☐ **Trifoliate leaf: petiole length (mm)**			
Mean	195.00	199.37	182.03
Std. Deviation	34.53	28.32	24.03
Lsd/sig	23.41	ns	ns
☐ **Trifoliate leaf: petiolule length (subtending terminal leaflet) (mm)**			
Mean	45.40	48.53	48.23
Std. Deviation	5.72	4.08	8.23
Lsd/sig	6.06	ns	ns
☒ **Trifoliate leaf: terminal leaflet length (mm)**			
Mean	151.53	163.67	172.30
Std. Deviation	13.82	13.12	18.29
Lsd/sig	13.00	ns	P≤0.01

☒ **Trifoliate leaf: terminal leaflet width (mm)**			
Mean	123.13	141.77	145.60
Std. Deviation	12.96	12.01	17.12
Lsd/sig	12.70	P≤0.01	P≤0.01
☒ **Trifoliate leaf: terminal leaflet length/width ratio**			
Mean	1.23	1.16	1.19
Std. Deviation	0.07	0.08	0.08
Lsd/sig	0.07	P≤0.01	ns
☒ **Trifoliate leaf: lateral leaflet length (mm)**			
Mean	146.33	160.07	166.07
Std. Deviation	16.15	15.21	19.23
Lsd/sig	13.75	ns	P≤0.01
☒ **Trifoliate leaf: lateral leaflet width (mm)**			
Mean	109.43	124.93	127.43
Std. Deviation	11.57	13.14	13.68
Lsd/sig	10.48	P≤0.01	P≤0.01
☒ **Trifoliate leaf: lateral leaflet length/width ratio**			
Mean	1.34	1.28	1.30
Std. Deviation	0.07	0.06	0.08
Lsd/sig	0.05	P≤0.01	ns
☒ **Inflorescence: peduncle length (cm)**			
Mean	17.00	19.89	19.23
Std. Deviation	1.65	1.54	1.71
Lsd/sig	1.47	P≤0.01	P≤0.01
☐ **Inflorescence: number of pods per hand**			
Mean	5.67	5.27	5.57
Std. Deviation	1.16	1.17	1.78
Lsd/sig	0.84	ns	ns
☒ **Pod: length (mm)**			
Mean	140.52	117.50	96.85
Std. Deviation	2.25	1.91	2.19
Lsd/sig	2.38	P≤0.01	P≤0.01
☒ **Pod: width (mm)**			
Mean	6.35	6.68	5.96
Std. Deviation	0.18	0.23	0.16
Lsd/sig	0.20	P≤0.01	P≤0.01
☒ **Pod: depth (mm)**			
Mean	6.83	5.85	5.72
Std. Deviation	0.26	0.22	0.18
Lsd/sig	0.25	P≤0.01	P≤0.01
☒ **Pod: width/depth ratio**			
Mean	0.93	1.14	1.04
Std. Deviation	0.04	0.03	0.03
Lsd/sig	0.03	P≤0.01	P≤0.01

☒ **Pod: number of seeds per pod**			
Mean	13.33	13.53	13.82
Std. Deviation	0.56	0.66	0.61
Lsd/sig	0.38	ns	P≤0.01
☐ **Pod: number of seeds per cm of pod**			
Mean	0.95	1.15	1.43
Std. Deviation	0.04	0.06	0.05
Lsd/sig	0.03	P≤0.01	P≤0.01
☒ **Pod: seed weight per pod (g)**			
Mean	0.86	0.97	0.83
Std. Deviation	0.05	0.04	0.04
Lsd/sig	0.09	P≤0.01	ns
☒ **Seed: 100-seed weight (g)**			
Mean	7.82	7.58	6.66
Std. Deviation	0.14	0.07	0.13
Lsd/sig	0.03	P≤0.01	P≤0.01

Prior Applications and Sales: **Nil**

Description: **Dr Donald S. Loch**, Alexandra Hills, 4161 QLD.



Mung Bean (*Vigna radiata*) – Clockwise from top left, 'Kookaburra' with comparators 'Opal-AU' (Red form) and 'Brolga' showing seedling hypocotyl colour, size and shape of pods, pod beak, and seeds.

Mung Bean (*Vigna radiata*) – Clockwise from top left, 'Kookaburra' with comparators 'Opal-AU' (Red form) and 'Brolga' showing seedling hypocotyl colour, size and shape of pods, pod beak, and seeds.

Details of Application

Application Number	2024/097
Variety Name	'IFG Thirty'
Genus Species	*Vitis vinifera*
Common Name	Grapevine
Accepted Date	03-Jun-2024
Applicant	Bloom Fresh International Limited, London, UK
Agent	Pizzeys Patent and Trade Mark Attorneys Pty Ltd, Brisbane QLD
Qualified Person	Damian Bougoure

Details of Comparative Trial

Overseas Testing Authority	Republic of South Africa
Overseas Data Reference Number	ZA 20217355
Location	De Vlei Farm, De Doorns SA
Descriptor	Grapevine (*Vitis vinifera*) TG/50/9
Period	2019 - 2021
Conditions	Field evaluation under commercial condition
Trial Design	As per TG/50/9
Measurements	As per TG/50/9
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Hand pollinated cross of the IFG 06095-096-043 (unnamed interspecific seedling selection from the IFG breeding program) and IFG Sixteen (U.S. Plant Pat. No. 25, 434) hybridized in May 2009. Abortive seed traces embryo cultured and the resulting 47 plants were planted in the field in April 2010. Selected as a single plant in September 2012 and asexually propagated via hardwood cuttings in December 2012. Planted in an evaluation block in April 2013 and were observed for four years and found to be true-to-type. Breeder: David W. Cain, Lutz, Florida USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Berry	anthocyanin colouration of flesh	absent or very weak
Berry	shape	broad ellipsoid to ovoid
Berry	particular flavour	none
Berry	formation of seed	rudimentary (very small)

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'M13-01'	

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

Organ/Plant Part: Context	'IFG Thirty'	'M13-01'
☐ *Time of: bud burst	very late	very late
☐ *Young shoot: openness of tip	half open	half open

☐ *Young shoot: prostrate hairs on tip	sparse	sparse
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
☐ Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
☐ *Young leaf: colour of upper side of blade	green with anthocyanin spots	green with anthocyanin spots
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	very sparse to sparse	very sparse to sparse
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Shoot: colour of dorsal side of internodes	green	green
☐ *Shoot: colour of ventral side of internodes	green	green
☐ Shoot: colour of dorsal side of nodes	green	green
☐ Shoot: colour of ventral side of nodes	green	green
☐ Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
☐ Shoot: length of tendrils	medium	medium
☐ *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
☐ *Mature leaf: size of blade	medium	medium
☐ *Mature leaf: shape of blade	wedge-shaped	wedge-shaped
☐ Mature leaf: blistering of upper side of blade	weak to medium	weak to medium
☐ *Mature leaf: number of lobes	five	five
☒ Mature leaf: depth of upper lateral sinuses	shallow to medium	medium to deep
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	open	open
☐ *Mature leaf: arrangement of lobes of petiole sinus	half open	half open
☒ *Mature leaf: length of teeth	short to medium	long
☐ *Mature leaf: ratio length/width of teeth	small to medium	small to medium
☐ *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex

☐ *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	low
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Mature leaf: length of petiole compared to length of middle vein	equal	equal
☒ *Time of: beginning of berry ripening	medium to late	early to medium
☐ *Bunch: size (peduncle excluded)	small	small
☐ *Bunch: density	medium	medium
☐ Bunch: length of peduncle of primary bunch	very short	very short
☐ *Berry: size	medium	medium
☐ *Berry: shape	broad ellipsoid to ovoid	broad ellipsoid to ovoid
☐ *Berry: colour of skin (without bloom)	dark red violet to black	dark red violet to black
☐ Berry: ease of detachment from pedicel	difficult	difficult
☐ Berry: thickness of skin	medium	medium
☐ *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
☐ Berry: firmness of flesh	moderately firm	moderately firm
☐ *Berry: particular flavour	none	none
☐ *Berry: formation of seeds	rudimentary	rudimentary
☒ Woody shoot: main colour	light brown	reddish brown to medium brown

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'IFG Thirty'**	**'M13-01'**
☒ **Time of: full flowering (50%)**	late	early to medium

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
USA	2017	Granted	'IFG THIRTY'
BRAZIL	2019	Pending	'IFG THIRTY'
SOUTH AFRICA	2019	Granted	'IFG THIRTY'
CHILE	2019	Pending	'IFG THIRTY'
PERU	2019	Granted	'IFG THIRTY'
ECUADOR	2019	Pending	'IFG THIRTY'
EGYPT	2019	Granted	'IFG THIRTY'
EU	2020	Pending	'IFG THIRTY'
MEXICO	2020	Granted	'IFG THIRTY'

UK	2021	Pending	'IFG THIRTY'
CHINA	2023	Pending	'IFG THIRTY'

First sold in Brazil in June 2018.

Description: **Damian Bougoure**, **Hodgson Vale**, QLD 4352

Grapevine (*Vitis vinifera*) variety "IFG Thirty'

Details of Application

Application Number	2024/167
Variety Name	'Bigfoot CL'
Genus Species	*Hordeum vulgare*
Common Name	Barley
Accepted Date	13-Sep-2024
Applicant	Australian Grain Technologies Pty Ltd, **Roseworthy, SA 5371**
Agent	Australian Grain Technologies Pty Ltd, **Roseworthy, SA 5371**
Qualified Person	Stewart Coventry

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Barley TG 19/11 (revised)
Period	May - November 2024
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Roundup Ultra (2.0 l/ha), Voraxor (200mls) and Hasten (1l/100l) were applied and then Mateno Complete (750mls) and Avadex Xtra (2L) were done in a separate application prior to seeding. The trial was sown on 27th June and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and for weeds and disease. The trial was sprayed post emergence on 22nd August with Paradigm (25g), Axial xtra (500mls), MCPA LVE 570 (500mls) to control weeds, Lemat insecticide was added (100mls) for insect control and Elatus Ace (500mls) was added for disease prevention. On the 14th of August, 30L/ha of liquid N fertiliser was applied. The trial was harvested on 10th December 2024.
Trial Design	Randomised block design with 5 replicates, consisting of 2 comparators and 2 generations of the candidate. Sown in 20 ranges of 2 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 600 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on randomly sampled plants from each replicate. For each comparator or candidate generation there was 5 measurements of maturity, and 15 spikes per replicate collected after maturity for 75 head measurements. Statistical analyses were completed using "R" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: In 2020 the maternal parent was crossed to the paternal parent resulting in a population. The population was selfed and derived selections tested at multiple locations in Australia for agronomic, disease and grain quality testing in 2021 and 2022. In 2023 it entered the National Variety Trials (NVT) in South Australia, Victoria, New South Wales, and Western Australia. Seed purification began in 2023, and this seed was used as the source for commercial seed multiplication.

Breeders: Stewart Coventry, Paul Telfer, Australian Grain Technologies Pty Ltd, Roseworthy, South Australia

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	type	husked
Ear	number of rows	two
Ear	development of sterile spikelets	full
Grain	hairiness of ventral furrow	absent
Season	type	spring type
Plant	herbicide tolerance (imidazalinone)	tolerant
Grain	rachilla hair type	long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Maximus'	
'Commodus'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'SPARTACUS CL	'Grain	rachilla hair type	long	short	
'Zena'	Grain	rachilla hair type	long	short	
'Scope'	Grain	rachilla hair type	long	short	
'Neo'	Grain	rachilla hair type	long	short	

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

Organ/Plant Part: Context	'Bigfoot CL'	'Commodus'	'Maximus'
☐ Kernel: colour of aleurone layer	whitish	whitish	whitish
☒ Plant: growth habit	semi-erect	semi-erect	erect
☒ Plant: intensity of green colour	light	light	dark
☐ Lowest leaves: hairiness of leaf sheath	absent	absent	absent
☒ Flag leaf: anthocyanin coloration of auricles	medium	strong	medium
☒ Flag leaf: attitude	semi-erect	semi-erect	erect
☐ Ear: Time of emergence	early	early to medium	early to medium
☐ Flag leaf: glaucosity of sheath	medium to strong	medium to strong	medium to strong
☒ Awns: anthocyanin colouration of tips	medium	weak	weak

☐ Ear: glaucosity	medium to strong	strong	medium to strong
☐ Ear: attitude	semi-erect	semi-erect	erect to semi-erect
☒ Grain: anthocyanin coloration of nerves of lemma	absent or very weak	medium to strong	weak to medium
☒ Plant: length	short to medium	medium	short
☐ Ear: number of rows	two	two	two
☐ Ear: development of sterile spikelets	full	full	full
☐ Sterile spikelet: attitude	parallel to divergent	parallel to divergent	parallel to divergent
☒ Ear: shape	slightly tapering	slightly tapering	parallel
☐ Ear: density	medium	medium	medium to dense
☐ Ear: length	short to medium	medium	short
☒ Awn: length	medium to long	long	short
☐ Rachis: length of first segment	medium	medium	medium
☐ Rachis: curvature of first segment	absent or very weak	absent or very weak	absent or very weak
☐ Median spikelet: length of glume and its awn relative to grain	equal	equal	equal
☐ Grain: rachilla hair type	long	long	long
☐ Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	absent or very weak	absent or very weak to weak
☐ Grain: type	husked	husked	husked
☐ Grain: hairiness of ventral furrow	absent	absent	absent
☒ Lemma: shape of base	bevelled	bevelled	non-bevelled
☐ Seasonal type:	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Bigfoot CL'	'Commodus'	'Maximus'
☐ **Plant: imidazolinone herbicide tolerance**	present	present	present

Statistical Table

Organ/Plant Part: Context	'Bigfoot CL'	'Commodus'	'Maximus'
☒ **Grain: Number of grains per ear**			
Mean	24.70	24.00	22.30
Std. Deviation	1.12	0.90	1.45
Lsd/sig	1.58	ns	$p \leq 0.01$

☐ **Time of: Ear emergence (**julian days)			
Mean	264.00	264.90	265.00
Std. Deviation	0.71	0.84	1.22
Lsd/sig	1.50	ns	ns
☒ **Awn: Length (mm)**			
Mean	101.00	106.40	61.00
Std. Deviation	3.50	4.50	1.80
Lsd/sig	3.54	$p \leq 0.01$	$p \leq 0.01$
☐ **Ear: Length (mm)**			
Mean	66.40	67.10	68.00
Std. Deviation	2.50	2.90	4.00
Lsd/sig	3.77	ns	ns

Prior Applications and Sales:

No prior sale or applications

Description: Stewart Coventry, Roseworthy, SA 5371

Barley (*Hordeum vulgare*) variety 'Bigfoot CL' with comparators 'Commodus' and 'Maximus'

Details of Application

Application Number	2024/168
Variety Name	'ZANAZ'
Genus Species	*Cucumis melo*
Common Name	Melon
Accepted Date	09-Aug-2024
Applicant	Nunhems B.V., Napoleonsweg 152, 6083 AB, Nunhem, The Netherlands
Agent	Spruson & Ferguson, Sydney, NSW
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	MLN842
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/104/2 Rev. d.d. 21-04-2020
Period	2022-2023
Conditions	According to test guidelines
Trial Design	According to test guidelines
Measurements	According to test guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Observations for this variety were first made in 2017 at Laboratoire ASL, ZI Les Moutouses Route de Saint Remy, 13630, EYRAGUES, France. The breeder was J.P. Ginoux (employee of Laboratoire ASL). Controlled cross-pollination was used for conventional breeding: select 2 parent lines from population until fixation by 7 or more inbreeding steps. These are then used as parent lines which are crossed to make an F1 hybrid. Breeder: J.P Ginoux, Laboratoire ASL, ZI les Moutouses, Route de Saint Remy a Eyragues, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Inflorescence: sex expression (at full flowering)	monoecious
Fruit	length	short to medium
Fruit	shape in longitudinal section	broad elliptic
Fruit	ground colour of skin	grey
Fruit	density of patches	absent or very sparse
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	present
Fruit	pattern of cork formation	netted only
Fruit	main colour of flesh	orange
Seed	length	medium
Seed	colour	cream yellow

Plant	Resistance to *Fusarium oxysporum* f. sp. *melonis* (Fom): Race 0	present
Plant	Resistance to Fusarium *oxysporum f.* sp. melonis (Fom): Race 1	absent
Plant	Resistance to Fusarium oxysporum f. sp. melonis (Fom): Race 2	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zendero'	

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

Organ/Plant Part: Context	'ZANAZ'	'Zendero'
☐ Seedling: length of hypocotyl	short to medium	
☐ Seedling: size of cotyledon	small	
☐ Seedling: intensity of green colour of cotyledon	medium to dark	
☐ Leaf blade: size	small	
☐ Leaf blade: intensity of green colour	dark	
☐ Leaf blade: development of lobes	weak	
☐ Leaf blade: length of terminal lobe	short	
☐ Leaf blade: dentation of margin	very weak to weak	
☒ Leaf blade: blistering	weak	weak to medium
☐ Petiole: attitude	semi-erect to horizontal	
☐ Petiole: length	medium	
☐ *Inflorescence: sex expression	monoecious	
☐ Young fruit: hue of green colour of skin	greyish green	
☐ *Young fruit: intensity of green colour of skin	very light to light	
☐ Young fruit: density of dots	absent or very sparse	
☐ Young fruit: conspicuousness of groove colouring	absent or very weak	
☐ Young fruit: length of peduncle	short to medium	
☐ Young fruit: thickness of peduncle 1 cm from fruit	medium	
☐ Young fruit: extension of darker area around peduncle	medium	
☐ Fruit: change of skin colour from young fruit to maturity	very late in fruit development or no change	
☐ *Fruit: length	short to medium	medium
☐ *Fruit: diameter	narrow to medium	
☐ *Fruit: ratio length/diameter	medium to large	

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

☐ Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 1	absent	
☐ Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 2	present	
☐ Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 1-2	absent	
☒ Resistance to: colonization by *Aphis gossypii*	present	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'ZANAZ'**	**'Zendero'**
☐ **Plant: Resistance to *Melon necrotic spot virus (MNSV)* strain 0 (MNSV:0)**	absent	

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
Brazil	**2021**	**Applied**	'ZANAZ'
Costa Rica	**2021**	**Granted**	'ZANAZ'
EU	**2022**	**Granted**	'ZANAZ'
The Netherlands	**2021**	**Granted**	'ZANAZ'

First sold in Honduras in November 2020 under the name 'ZANAZ'

Description: **Michael Christie**, Sydney, NSW

Melon (*Cucumis melo*) – Variety 'ZANAZ'

Details of Application

Application Number	2024/174
Variety Name	'KPB29'
Genus Species	*Boronia pulchella X Boronia heterophylla*
Common Name	Boronia
Accepted Date	11-Sep-2024
Applicant	Botanic Gardens and Parks Authority, Kings Park, WA, Australia
Agent	Helix Australia (Goldsash Corporation Pty Ltd), West Swan, WA, Australia
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Southern Plants Nursery,163 Nepean Highway, Dromana, VIC
Descriptor	National descriptor for *Boronia* (PBR *Boronia*)
Period	1st September 2024 - 1st October 2025
Conditions	Vegetatively propagated plants grown in 140mm pots located in a shadehouse covered in 30% shadecloth. All plants were given the same soil mix, fertiliser and irrigation.
Trial Design	10 plants of each variety grown in split plots.
Measurements	Observations were made on plant parts taken from each of ten plants sampled at random.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: On 21/09/2009, a cross was created at the Kings Park plant development breeding site. A seed was extracted from resulting fruit produced in late 2009 and germinated. Resulting seedling was grown to flowering stage and the new variety was first observed in September 2010. The seedling was subsequently propagated by cuttings for 3 generations. No off-types were recorded. Breeder: Botanic Gardens and Parks Authority, Kings Park, WA.

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	bushy
Plant	height	medium
Flower	diameter	wide
Flower	shape	cup shaped

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Magenta Stars'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Lipstick'	Plant type	bushy	upright	

'Lipstick'Flower	direction	downward	upward
'Lipstick'Flower	diameter	wide	narrow
'Lipstick'Plant	height	medium	tall
'Lipstick'Leaf	type	compound	simple

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

Organ/Plant Part: Context	'KPB29'	'Magenta Stars'
☐ Plant: type	bushy	bushy
☐ Plant: height	medium	medium
☒ Plant: density of foliage	dense	sparse
☐ Plant: attitude of branches	semi-erect	semi-erect
☐ Plant: number of branches	medium	medium
☐ Stem: diameter	medium	medium
☒ Stem: colour	Reddish purple	green
☐ Stem: hairiness	absent	absent
☐ Leaf: type	compound	compound
☐ Leaf: number of leaflets	three	three
☐ Leaf blade: shape	linear	linear
☐ Leaf blade: shape of apex	acute	acute
☐ Leaf blade: shape of base	obtuse	obtuse
☐ Leaf blade: variegation	absent	absent
☐ Leaf: curvature of leaflet	weak	weak
☐ Leaf: margin	entire	entire
☐ Leaf: length (i)	medium	medium
☐ Leaf: length (ii)	medium	medium
☐ Leaf: width (i)	medium	medium
☐ Leaf: width (ii)	medium	medium
☐ Leaf: colour	dark green	dark green
☐ Leaf: glossiness	medium	medium
☐ Leaf: anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf: hairiness	weak	weak
☐ Petiole: length	short	short
☐ Leaf: foliage fragrance	strong	strong
☐ Flower: type	with cluster	with cluster
☐ Flower: position on stem	overall	overall

☐	Flowers: density	dense	dense
☒	Flowers: direction	downward	horizontal
☐	Flower: shape	cup-shaped	cup-shaped
☐	Flower: diameter	wide	wide
☐	Corolla: length	medium	medium
☐	Flower: number of colours	two	two
☒	Flower: ground colour of petal inside (RSH Colour Chart)	64B	64C
☐	Flower: colouring pattern of petal outside (multicolour flower)	striped	striped
☒	Flower: ground colour of petal outside (RSH Colour Chart)	64B	64C
☒	Flower: marking colour of petal outside (RSH Colour Chart)	64A	64B
☐	Petal: shape	ovate	ovate
☐	Petal: length	long	long
☐	Petal: width	broad	broad
☐	Petal: tip	acute	acute
☐	Petal: curvature	incurved	incurved
☐	Flower: number of petals	few	few
☒	Flower: colour of calyx tube	red	green
☐	Flower: top view of stigma	circular	circular
☐	Flower: size of stigma	large	large
☐	Stigma: colour	green	green
☒	Anthers: colour	green	yellow
☐	Flower: number of stamens	few	few
☐	Flower: length of pedicel	medium	medium
☐	Flower: fragrance	medium	medium

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	**'KPB29'**	**'Magenta Stars'**
☐	**Flower: colour pattern of petal inside**	none	none
☐	**Flower: Marking colour of petal inside**	none	none

Prior Applications and Sales:

Nil

Description: Philip Watkins, Manunda, QLD, 4870

Boronia (*Boronia pulchella X Boronia heterophylla*) variety 'KPB 29'

Details of Application

Application Number	2024/175
Variety Name	'KPB 134'
Genus Species	*Boronia* hybrid
Common Name	Boronia
Accepted Date	11-Sep-2024
Applicant	Botanic Gardens and Parks Authority, Kings Park, WA, Australia
Agent	Helix Australia (Goldsash Corporation Pty Ltd), West Swan, WA, Australia
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Southern Plants Nursery,163 Nepean Highway, Dromana, VIC
Descriptor	National descriptor for *Boronia* (PBR *Boronia*)
Period	1st September 2024 - 1st October 2025
Conditions	Vegetatively propagated plants grown in 140mm pots located in a shadehouse covered in 30% shadecloth. All plants were given the same soil mix, fertiliser and irrigation.
Trial Design	10 plants of each variety grown in split plots.
Measurements	Observations were made on plant parts taken from each of ten plants sampled at random.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: On 10/10/2017, A cross was made via controlled pollination at the Kings Park plant development breeding site. A seed was extracted from resulting fruit produced in late 2017 and germinated. Resulting seedling was grown to flowering stage and the new variety was first observed in October 2018. The seedling was subsequently propagated by cuttings for 3 generations. No off-types were recorded. Breeder: Botanic Gardens and Parks Authority, Kings Park, WA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	medium
Flower	direction	downward
Flower	shape	urceolate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Plum Bells'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Lipstick'	Flower colour	dark purple pink	light purple pink	
	Flower shape	urceolate	cup shaped	
	Plant height	medium	tall	

Leaf	type	compound	simple
Flower	direction	downward	upward

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

Organ/Plant Part: Context	'KPB 134'	'Plum Bells'
☒ Plant: type	bushy	upright
☐ Plant: height	medium	medium
☐ Plant: density of foliage	sparse	medium
☐ Plant: attitude of branches	semi-erect	semi-erect
☐ Plant: number of branches	medium	medium
☐ Stem: diameter	medium	medium
☐ Stem: colour	light brown	light brown
☐ Stem: hairiness	absent	absent
☐ Leaf: type	compound	compound
☐ Leaf: number of leaflets	three	three
☒ Leaf blade: shape	lanceolate	linear
☐ Leaf blade: shape of apex	acute	acute
☐ Leaf blade: shape of base	obtuse	obtuse
☐ Leaf blade: variegation	absent	absent
☐ Leaf: curvature of leaflet	medium	weak
☐ Leaf: margin	entire	entire
☐ Leaf: length (i)	medium	medium
☐ Leaf: length (ii)	medium	medium
☐ Leaf: width (i)	medium	medium
☐ Leaf: width (ii)	medium	medium
☒ Leaf: colour	dark green	medium green
☐ Leaf: glossiness	medium	medium
☐ Leaf: anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf: hairiness	weak	weak

☐ Petiole: length	short	short
☐ Leaf: foliage fragrance	medium	medium
☐ Flower: type	without cluster	without cluster
☐ Flower: position on stem	overall	overall
☐ Flowers: density	dense	dense
☐ Flowers: direction	downward	downward
☐ Flower: shape	urceolate	urceolate
☐ Flower: diameter	narrow	narrow
☐ Corolla: length	small	small
☐ Flower: number of colours	two	two
☒ Flower: ground colour of petal inside (RSH Colour Chart)	61C-B	78A
☒ Flower: ground colour of petal outside (RSH Colour Chart)	61A	78A
☐ Petal: shape	ovate	ovate
☐ Petal: length	short	short
☐ Petal: width	narrow	narrow
☐ Petal: tip	acute	acute
☐ Petal: curvature	incurved	incurved
☐ Flower: number of petals	few	few
☒ Flower: colour of calyx tube	pale reddish	green
☐ Flower: top view of stigma	tetragonal	tetragonal
☒ Flower: size of stigma	large	medium
☒ Stigma: colour	orange	green
☐ Anthers: colour	dark brown	dark brown
☐ Flower: number of stamens	few	few
☒ Flower: length of pedicel	medium	short
☐ Flower: fragrance	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'KPB 134'**	**'Plum Bells'**
☒ **Flower: colour pattern of petal inside**	none	gradated

☒ **Flower: marking colour of petal inside**	none	155D

Prior Applications and Sales:

Nil

Description: Philip Watkins, Manunda, QLD, 4870

Boronia (*Boronia hybrid*) variety 'KPB 134'

Details of Application

Application Number	2024/177
Variety Name	'KPB 144'
Genus Species	*Boronia* hybrid
Common Name	Boronia
Accepted Date	11-Sep-2024
Applicant	Botanic Gardens and Parks Authority, Kings Park, WA 6005
Agent	Helix Australia (Goldsash Corporation Pty Ltd), Malvern, VIC 3144
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Southern Plants Nursery,163 Nepean Highway, Dromana Victoria 3936
Descriptor	Boronia
Period	1st September 2024 - 1st October 2025
Conditions	Vegetatively propagated plants grown in 140mm pots located in a shade house covered in 30% shade cloth. All plants were given the same soil mix, fertiliser and irrigation.
Trial Design	10 plants of each variety grown in split plots.
Measurements	Observations were made on plant parts taken from each of ten plants sampled at random.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: On 27/09/2016, *Boronia* var 'Purple Jared' (maternal parent), was crossed with *Boronia* var 'Lipstick' at the Kings Park plant development breeding site. A seed was extracted from resulting fruit produced in late 2016 and germinated. Resulting seedling was grown to flowering stage and the new variety was first observed in September 2017. The seedling was subsequently propagated by cuttings for 3 generations. No off-types were recorded. Breeder: Botanic Gardens and Parks Authority, Kings Park WA, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	direction	upward
Flower	shape	cup-shaped
Flower	colour of calyx tube	red
Flower	colour	purple pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Lipstick'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Magenta Stars'	Stem colour	reddish purple	green	

'Magenta Stars'	Flower	direction	upward	horizontal
'Magenta Stars'	Flower	diameter	medium	wide
'Magenta Stars'	Flower	colour of calyx tube	red purple	green
'Magenta Stars'	Anthers	colour	red purple	yellow
'Magenta Stars'	Flower	size of stigma	medium	large

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

Organ/Plant Part: Context	'KPB 144'	'Lipstick'
☒ Plant: type	bushy	upright
☒ Plant: height	medium	tall
☒ Plant: density of foliage	medium	sparse
☐ Plant: attitude of branches	semi-erect	semi-erect
☐ Plant: number of branches	medium	medium
☐ Stem: diameter	medium	medium
☒ Stem: colour	Reddish purple	light brown
☐ Stem: hairiness	absent	absent
☒ Leaf: type	compound	simple
☐ Leaf: number of leaflets	three	single
☐ Leaf blade: shape	linear	linear
☐ Leaf blade: shape of apex	acute	acute
☐ Leaf blade: shape of base	obtuse	obtuse
☐ Leaf blade: variegation	absent	absent
☐ Leaf: curvature of leaflet	weak	weak
☐ Leaf: margin	entire	entire
☐ Leaf: length (i)	medium	medium
☐ Leaf: length (ii)	medium	medium
☐ Leaf: width (i)	medium	medium
☐ Leaf: width (ii)	medium	medium
☒ Leaf: colour	dark green	medium green
☐ Leaf: glossiness	medium	medium
☐ Leaf: anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf: hairiness	weak	weak
☐ Petiole: length	short	short

☐ Leaf: folliage fragrance	strong	strong
☐ Flower: type	with cluster	with cluster
☐ Flower: position on stem	overall	overall
☐ Flowers: density	dense	dense
☐ Flowers: direction	upward	upward
☐ Flower: shape	cup-shaped	cup-shaped
☒ Flower: diameter	medium	narrow
☐ Corolla: length	medium	medium
☐ Flower: number of colours	two	two
☒ Flower: ground colour of petal inside (RSH Colour Chart)	64C	64B
☐ Flower: colouring pattern of petal outside (multicolour flower)	striped	striped
☐ Flower: ground colour of petal outside (RSH Colour Chart)	64B	64B
☐ Flower: marking colour of petal outside (RSH Colour Chart)	64A	64A
☐ Petal: shape	ovate	ovate
☐ Petal: length	medium	medium
☐ Petal: width	medium	medium
☐ Petal: tip	acute	acute
☒ Petal: curvature	outcurved	incurved
☐ Flower: number of petals	few	few
☐ Flower: colour of calyx tube	red	red
☐ Flower: top view of stigma	circular	circular
☐ Flower: size of stigma	medium	medium
☐ Stigma: colour	green	green
☒ Anthers: colour	reddish purple	red
☒ Flower: number of stamens	few	medium
☐ Flower: length of pedicel	medium	medium
☐ Flower: fragrance	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'KPB 144'**	**'Lipstick'**
☐ **Flower: colour pattern of petal inside**	none	none
☐ **Flower: Marking colour of petal inside**	none	none
☐ Flower: colour	purple pink	purple pink

Prior Applications and Sales: Nil

Description: Philip Watkins, Manunda, QLD 4870.

Boronia (*Boronia* hybrid) variety 'KPB 144' with comparator 'Lipstick'

Details of Application

Application Number	2024/181
Variety Name	'FL 17 15 86'
Genus Species	*Fragaria x ananassa*
Common Name	Strawberry
Accepted Date	02-Oct-2024
Applicant	Florida Foundation Seed Producers, Inc. Marianna, Florida, USA
Agent	Adrian M Trioli Patent and Trade Mark Attorney, East Melbourne, VIC
Qualified Person	Tanvir Hossain

Details of Comparative Trial

Overseas Testing Authority	IFAPA - Spain
Overseas Data Reference Number	CPVO Ref. No. 20220359
Location	Finca Experimental "El Cebollar" Moguer, Huelva, Spain
Descriptor	CPVO-TP/022/3 28/11/2012 - equivalent to UPOV TG 22/10
Period	2021-2023
Conditions	Ambient strawberry growing condition in Moguer, Huelva, Spain
Trial Design	According to CPVO technical protocol
Measurements	According to CPVO technical protocol
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'FL 17 15 86' originated from a cross of 'FL 14.76-75' (unpatented) as the maternal parent and 'Florida Beauty' (also known as FL 12 121 5) as the paternal parent. Seeds were germinated and resulting seedlings planted in a trial plot. 'FL 17 15 86' has been asexually propagated annually by runner and test planting have established the vegetative and fruit characteristics of the propagules are identical to those of the initial daughter plants. Selection criteria: fruit size, yield, flavour, shape and colour. Breeder: Vance M. Whitaker, Brandon, Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Fruit	shape	conical
Type of	bearing	not remontant
Petal	colour of upper side	white
Fruit	colour	medium red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fortuna'	most similar vck
'Beauty'	pollen parent
'FL 14.76-75'	seed parent

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'FL 14.76-75'	Fruit	difference in shape of terminal and other fruits	medium	weak	seed parent- not a variety of common knowledge

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

Organ/Plant Part: Context	'FL 17 15 86'	'Beauty'	'Fortuna'
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright
☐ Plant: density of foliage	medium		sparse to medium
☐ Plant: vigour	medium		
☐ *Plant: position of inflorescence in relation to foliage	same level		
☒ *Plant: number of stolons	medium	few	
☐ Stolon: anthocyanin colouration	weak to medium		
☐ Stolon: density of pubescence	sparse		
☐ Leaf: size	medium		
☒ Leaf: colour of upper side	medium green		light green
☐ *Leaf: blistering	absent or weak		
☐ *Leaf: glossiness	medium		
☐ Leaf: variegation	absent		
☐ *Terminal leaflet:: length in relation to width	much longer		
☐ *Terminal leaflet: shape of base	obtuse		
☐ Terminal leaflet: margin	serrate to crenate		
☐ Terminal leaflet: shape in cross section	concave		
☐ Petiole: length	medium		
☐ Petiole: attitude of hairs	horizontal		
☒ Stipule: anthocyanin colouration	absent or very weak	medium	weak to medium
☐ Inflorescence: number of flowers	medium		
☐ Pedicel: attitude of hairs	upwards		
☐ Flower: diameter	medium		
☐ *Flower: arrangement of petals	touching		
☐ *Flower: size of calyx in relation to corolla	larger		
☐ *Flower: stamen	present		

☐ Petal: length in relation to width	moderately longer		
☐ *Petal: colour of upper side	white	white	white
☐ *Fruit: length in relation to width	moderately longer		
☐ *Fruit: size	medium to large		
☐ *Fruit: shape	conical	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	slight to moderate		
☐ *Fruit: colour	medium red	medium red	medium red
☐ Fruit: evenness of colour	strongly uneven		
☐ Fruit: glossiness	medium		
☐ Fruit: evenness of surface	slightly uneven		
☐ Fruit: width of band without achenes	absent or very narrow		
☐ *Fruit: position of achenes	below surface		
☒ Fruit: position of calyx attachment	inserted		raised
☐ Fruit: attitude of sepals	upwards		
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly larger		
☐ Fruit: adherence of calyx	medium to strong		
☐ Fruit: firmness	medium to firm		
☐ Fruit: colour of flesh (excluding core)	medium red		
☒ Fruit: colour of core	medium red	light red	
☐ Fruit: cavity	medium		
☐ *Time of: beginning of flowering	early to medium		
☒ Time of: beginning of fruit ripening	early to medium	very early to early	
☐ *Type of: bearing	not remontant	not remontant	not remontant

Prior Applications and Sales:

Country	Year	Status	Name Applied
AR	2024	Applied	'FL 17 15 86'
DO	2023	Applied	'FL 17 15 86'
CA	2021	Applied	'FL1715-86'
CL	2023	Applied	'FL 17 15 86'
QZ	2022	Granted	'FL 17 15 86'
KP	2023	Applied	'FL 17 15 86'
MA	2022	Applied	'FL 17 15 86'

ES	2021	Granted	‘FL 17 15 86’
TR	2024	Applied	‘FL 17 15 86’
US	2021	Granted	‘FL 17.15-86’

First sold in US in January 2022.

Description: **Tanvir Hossain**, Conder, ACT 2906

Strawberry (*Fragaria x ananassa*) variety ‘FL 17 15 86’

Details of Application

Application Number	2024/182
Variety Name	'FL 16 78 109'
Genus Species	*Fragaria x ananassa*
Common Name	Strawberry
Accepted Date	02-Oct-2024
Applicant	Florida Foundation Seed Producers, Inc. Marianna, Florida, USA
Agent	Adrian M Trioli Patent and Trade Mark Attorney, East Melbourne, VIC
Qualified Person	Tanvir Hossain

Details of Comparative Trial

Overseas Testing Authority	IFAPA - Spain
Overseas Data Reference Number	CPVO Ref. No. 20213413
Location	Finca Experimental "El Cebollar" Moguer, Huelva, Spain
Descriptor	CPVO-TP/022/3 28/11/2012 - equivalent to UPOV TG 22/10
Period	2021-2023
Conditions	Ambient strawberry growing condition in Moguer, Huelva, Spain
Trial Design	According to CPVO technical protocol
Measurements	According to CPVO technical protocol
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Seeds resulted from a controlled hybridisation which then germinated in a greenhouse, resulting seedlings were planted and allowed to produce daughter plants by asexual propagation. Then transplanted into raised beds where they fruited. Selection criteria: fruit size, yield, whitish yellow external colour. Breeder: Vance M. Whitaker, Brandon, Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Fruit	size	medium
Fruit	shape	cordate
Fruit	colour	whitish yellow
Type of	bearing	not remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Beauty '	Most similar VCK
'Brillance'	
'FL 13 26 134'	
'FL 12 121 5'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'FL 13 26 134'	Fruit colour of flesh (excluding core)	whitish	orange red	initially considered as a comparator but subsequently excluded
'FL 12 121 5'	Fruit colour of flesh (excluding core)	whitish	medium red	initially considered as a comparator but subsequently excluded

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

Organ/Plant Part: Context	'FL 16 78 109'	'Beauty'	'Brillance'
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright
☐ Plant: density of foliage	medium		
☒ Plant: vigour	weak to medium		medium to strong
☐ *Plant: position of inflorescence in relation to foliage	same level		
☒ *Plant: number of stolons	many	few	
☐ Stolon: anthocyanin colouration	weak to medium		
☐ Stolon: density of pubescence	medium		
☒ Leaf: size	small		medium
☐ Leaf: colour of upper side	dark green		
☐ *Leaf: blistering	absent or weak		
☐ *Leaf: glossiness	medium		
☐ Leaf: variegation	absent		
☐ *Terminal leaflet:: length in relation to width	much longer		
☐ *Terminal leaflet: shape of base	obtuse		
☐ Terminal leaflet: margin	serrate to crenate		
☐ Terminal leaflet: shape in cross section	concave		
☐ Petiole: length	medium		
☐ Petiole: attitude of hairs	horizontal		
☒ Stipule: anthocyanin colouration	absent or very weak	medium	
☐ Inflorescence: number of flowers	few to medium		
☐ Pedicel: attitude of hairs	slightly outwards		
☐ Flower: diameter	small to medium		

☐ *Flower: arrangement of petals	touching		
☒ *Flower: size of calyx in relation to corolla	smaller	larger	
☐ *Flower: stamen	present		
☐ Petal: length in relation to width	moderately shorter		
☐ *Petal: colour of upper side	white	white	white
☐ *Fruit: length in relation to width	moderately longer		
☐ *Fruit: size	medium	medium	medium
☐ *Fruit: shape	cordate	cordate	cordate
☐ Fruit: difference in shape of terminal and other fruits	none or very slight		
☐ *Fruit: colour	whitish yellow	whitish yellow	whitish yellow
☐ Fruit: evenness of colour	slightly uneven		
☐ Fruit: glossiness	medium		
☒ Fruit: evenness of surface	even or very slightly uneven		strongly uneven
☐ Fruit: width of band without achenes	absent or very narrow		
☐ *Fruit: position of achenes	below surface		
☐ Fruit: position of calyx attachment	inserted		
☐ Fruit: attitude of sepals	outwards		
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly smaller		
☐ Fruit: adherence of calyx	weak to medium		
☐ Fruit: firmness	medium to firm		
☒ Fruit: colour of flesh (excluding core)	whitish	medium red	orange red
☐ Fruit: colour of core	white		
☐ Fruit: cavity	absent or small		
☐ *Time of: beginning of flowering	early		
☐ Time of: beginning of fruit ripening	early		
☐ *Type of: bearing	not remontant	not remontant	not remontant

Prior Applications and Sales:

Country	Year	Status	Name Applied
ES	2021	D	FL 16 78 109
EG	2020	A	FL 1678-109FL 16 78 109
CL	2024	A	FL 16 78 109
CR	2023	A	FL 16 78 109

KP	2023	A	FL 16.78-109
MX	2021	D	FL 16.78-109
US	2020	D	FL 16.78-109

First sold in US in October 2020.

Description: **Tanvir Hossain**, Conder, ACT 2906

Strawberry (*Fragaria x ananassa*) variety 'FL 16 78 109'

Details of Application

Application Number	2024/183
Variety Name	'FL 16 30 128'
Genus Species	*Fragaria x ananassa*
Common Name	Strawberry
Accepted Date	08-Jan-2025
Applicant	Florida Foundation Seed Producers, Inc. Marianna, Florida, USA
Agent	Adrian M Trioli Patent and Trade Mark Attorney, East Melbourne, VIC
Qualified Person	Tanvir Hossain, Conder, ACT 2906

Details of Comparative Trial

Overseas Testing Authority	IFAPA - Spain
Overseas Data Reference Number	CPVO Ref. No. 20213412
Location	Finca Experimental "El Cebollar" Moguer, Huelva, Spain
Descriptor	CPVO-TP/022/3 28/11/2012 - equivalent to UPOV TG 22/10
Period	2021-2023
Conditions	Ambient strawberry growing condition in Moguer, Huelva, Spain
Trial Design	According to CPVO technical protocol
Measurements	According to CPVO technical protocol
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seeds resulted from a controlled hybridisation which then germinated in a greenhouse, resulting seedlings were planted and allowed to produce daughter plants by asexual propagation. Then transplanted into raised beds where they fruited. Selection criteria: Fruit shape, high soluble solids content, good disease resistance, high early yields, fruit size. Breeder: Vance M. Whitaker, Brandon, Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Fruit	size	medium
Fruit	shape	conical
Fruit	colour	medium red
Type of	bearing	not remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Brillance'	Most similar VCK
'Beauty'	
'FL 13 26 134'	
'FL 12 121 5'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'FL 12 121 5'	Stolon anthocyanin colouration	very weak to weak	medium	
'FL 13 26 134'	Plant vigour	weak to medium	medium to strong	

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

Organ/Plant Part: Context	'FL 16 30 128'	'Beauty'	'Brillance'
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright
☐ Plant: density of foliage	medium to dense		
☒ Plant: vigour	weak to medium		medium to strong
☐ *Plant: position of inflorescence in relation to foliage	same level		
☐ *Plant: number of stolons	few		
☒ Stolon: anthocyanin colouration	very weak to weak	medium	
☐ Stolon: density of pubescence	sparse		
☐ Leaf: size	small		
☐ Leaf: colour of upper side	medium green		
☒ *Leaf: blistering	medium		absent or weak
☐ *Leaf: glossiness	medium		
☐ Leaf: variegation	absent		
☐ *Terminal leaflet:: length in relation to width	moderately longer		
☐ *Terminal leaflet: shape of base	acute		
☐ Terminal leaflet: margin	serrate to crenate		
☐ Terminal leaflet: shape in cross section	concave		
☒ Petiole: length	short to medium		medium to long
☐ Petiole: attitude of hairs	horizontal		
☒ Stipule: anthocyanin colouration	weak	medium	
☐ Inflorescence: number of flowers	medium		
☐ Pedicel: attitude of hairs	upwards		
☐ Flower: diameter	small to medium		

☒ *Flower: arrangement of petals	overlapping	free	
☐ *Flower: size of calyx in relation to corolla	larger		
☐ *Flower: stamen	present		
☐ Petal: length in relation to width	moderately shorter		
☐ *Petal: colour of upper side	white	white	white
☐ *Fruit: length in relation to width	moderately longer		
☐ *Fruit: size	medium	medium	medium
☐ *Fruit: shape	conical	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	slight		
☐ *Fruit: colour	medium red	medium red	medium red
☐ Fruit: evenness of colour	slightly uneven		
☐ Fruit: glossiness	medium		
☒ Fruit: evenness of surface	strongly uneven	even or very slightly uneven	
☐ Fruit: width of band without achenes	narrow		
☐ *Fruit: position of achenes	below surface		
☐ Fruit: position of calyx attachment	level with fruit		
☐ Fruit: attitude of sepals	upwards		
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly smaller		
☐ Fruit: adherence of calyx	medium to strong		
☐ Fruit: firmness	firm		
☐ Fruit: colour of flesh (excluding core)	light red		
☐ Fruit: colour of core	light red		
☐ Fruit: cavity	absent or small		
☐ *Time of: beginning of flowering	early to medium		early
☐ Time of: beginning of fruit ripening	medium		
☐ *Type of: bearing	not remontant	not remontant	not remontant

Prior Applications and Sales:

Country	Year	Status	Name Applied
ES	09/04/2021	D	FL 16 30 128
CL	26/09/2023	A	FL 16 30 128FL 16 30 128
BR	05/01/2024	A	FL 16 30 128

QZ	22/12/2021	D	FL 16 30 128
KP	15/05/2023	A	FL 16 30 128
MX	22/03/2021	D	FL 16.30-128
US	04/08/2020	D	FL 16.30-128

First sold in US in October 2020.

Description: **Tanvir Hossain**, Conder, ACT 2906

Strawberry (*Fragaria x ananassa*) variety 'FL 16 30 128'

Details of Application

Application Number	2024/251
Variety Name	'ALDERAN'
Genus Species	*Brassica oleracea* L. var. *botrytis* L.
Common Name	Cauliflower
Synonym	
Accepted Date	6/02/2025
Applicant	Syngenta Crop Protection AG, Basel, Switzerland
Agent	Syngenta Australia Pty Ltd, Macquarie Park, NSW
Qualified Person	David Gillespie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, Netherlands
Overseas Data Reference Number	KBL1111
Location	Naktuinbouw, ROELOFARENDSVEEN Netherlands
Descriptor	TP/45/2 Rev. 2 d.d. 01-01-2018 (TG 45/7)
Period	2021-2022
Conditions	as per DUS test report
Trial Design	as per DUS test report
Measurements	as per DUS test report
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: One of the parents of the hybrid has total cytoplasmic male sterility. The hybrid was selected for early to medium harvest in autumn. It was selected for fully covered leaves over the curd. Breeder: Syngenta Crop Protection AG, Basel, Switzerland

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seedling	anthocyanin coloration of hypocotyl	absent
Curd	colour	whitish
Curd	texture	medium
Flower	colour	white
Flower	male sterility	total

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Andromeda'	Similar to the candidate in the above grouping characteristics

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

Organ/Plant Part: Context	'ALDERAN'	'Andromeda'

☐	*Seedling: anthocyanin coloration of hypocotyl	absent	
☒	Plant: height (at time of harvest)	medium	medium to tall
☐	Stem: length (up to insertion of first leaf)	short to medium	
☐	*Leaf: attitude	semi-erect	
☐	*Leaf: length	medium to long	
☐	*Leaf: width	medium	
☐	*Leaf: ratio width/length	medium	
☐	Leaf: lobing	absent	
☐	Leaf: colour (with wax if present)	grey green	grey green
☐	*Leaf: intensity of colour (with wax if present)	medium to dark	
☐	Leaf: twisting of tip	very weak to weak	
☐	Leaf: shape in cross-section	flat	
☒	Leaf: blistering	weak	weak to medium
☐	Leaf: crimping near main vein	weak	
☐	Leaf: undulation of margin	weak to medium	
☐	*Curd: covering by inner leaves	fully covered	
☐	*Curd: height	medium	
☐	*Curd: diameter	medium to large	
☐	*Curd: shape in longitudinal section	transverse broad elliptic	
☐	*Curd (ex. varieties with curd shape: triangular): doming	medium to strong	
☐	*Curd: colour	whitish	
☐	Curd: knobbling	medium	
☐	Curd: texture	medium	
☐	Curd: anthocyanin colouration after harvest maturity	absent	
☐	*Flower: colour	white	
☒	*Earliness in: summer planting	early to medium autumn type	medium autumn type
☐	*Male: sterility	total	

Prior Applications and Sales:

Country	Year	Status	Name Applied
NL	2020	Granted	'ALDERAN'
UK	2020	Granted	'ALDERAN'
EU	2021	Granted	'ALDERAN'

First sold as 'ALDERAN' on 31st Oct 2023 in Australia and 6th Jan 2021 in Slovakia

Description: **David Gillespie**, QLD

Brassica oleracea L. var. *botrytis* L (Cauliflower) variety ‘ALDERAN’

Details of Application

Application Number	2024/255
Variety Name	'PETITGOLD'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	07-Jan-2025
Applicant	Yoshinori Nakadaira, Nagano-ken, Japan
Agent	Foote Intellectual Property Limited, Lower Hutt, NZ
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	PVPO, Japan
Overseas Data Reference Number	Registration number 30449
Location	Nagano, Japan
Descriptor	UPOV TG/14/9 / Apple Test Guideline in Japan (2022)
Period	2021
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	2015

Origin and Breeding

Open pollination: seed parent "Orin" x probable pollen parent "Fuji" in 2010 at Nagano, Japan. The seed parent is characterised by a large fruit size and ovoid fruit shape. The pollen parent is characterised by a large fruit size. 2012: grafting of seedlings from field 2015: first fruiting 2016 to 2019: growth to field maturity and evaluation of characteristics, confirming DUS. Selection criteria: favourable taste of fruit and long shelf life. Propagation: vegetative grafting found to be uniform and stable. Breeder: Yoshinori Nakadaira, Nagano, Japan.

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Tree	growth habit	upright
Fruit	height	short
Fruit	general shape	ovoid
Fruit	relative area of overcolour	small
Fruit	hue of overcolour with bloom removed	orange red
Fruit	conspicuousness of stripes	absent
Fruit	colour of flesh	cream
Time of	beginning of flowering	medium
Time of	harvest	late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ourin'	

'Shinano Gold'

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

Organ/Plant Part: Context	'PETITGOLD'	'Ourin'	'Shinano Gold'
☐ Tree: vigour	medium		
☐ *Tree: type	ramified		
☐ *Tree: habit (varieties with ramified tree type only)	upright		
☐ Tree: type of bearing	on spurs and long shoots		
☐ One-year-old shoot: thickness	thin		
☐ *One-year-old shoot: length of internode	very short to short		
☐ One-year-old shoot: colour on sunny side	dark brown		
☐ One-year-old shoot: pubescence	strong		
☐ *One-year-old shoot: number of lenticels	medium		
☐ *Leaf blade: attitude in relation to shoot	upwards		
☐ *Leaf blade: length	medium		
☐ *Leaf blade: width	very narrow to narrow		
☒ *Leaf blade: ratio length/width	large to very large	medium to large	medium
☐ Leaf blade: intensity of green colour	medium		
☐ Leaf blade: incisions of margin	serrate type 1		
☐ Leaf blade: pubescence on lower side	medium		
☐ *Petiole: length	short to medium		
☐ Petiole: extent of anthocyanin colouration from base	medium		
☐ *Flower: predominant colour at balloon stage	dark pink		
☐ *Flower: diameter with petals pressed into horizontal position	medium to large		
☐ *Flower: arrangement of petals	free		
☐ Flower: position of stigmas relative to anthers	above		
☐ Young fruit: extent of anthocyanin overcolour	absent or very small		
☒ *Fruit: size	small	medium	medium
☐ *Fruit: height	short		
☐ *Fruit: diameter	small		
☐ *Fruit: ratio height/diameter	medium		
☐ *Fruit: general shape	ovoid		

☐	Fruit: ribbing	absent or weak	
☐	Fruit: crowning at calyx end	absent or weak	
☐	*Fruit: size of eye	small	
☐	Fruit: length of sepal	medium	
☐	*Fruit: bloom of skin	absent or weak	
☐	Fruit: greasiness of skin	absent or weak	
☐	*Fruit: ground colour	yellow green	
☐	*Fruit: relative area of over colour	small	
☐	*Fruit: hue of over colour – with bloom removed	orange red	
☐	*Fruit: intensity of over colour	light	
☐	*Fruit: pattern of over colour	solid flush with weakly defined stripes	
☐	*Fruit: area of russet around stalk attachment	medium	
☐	Fruit: area of russet on cheeks	absent or small	
☐	*Fruit: area of russet around eye basin	absent or small	
☐	Fruit: number of lenticels	many	
☐	Fruit: size of lenticels	large	
☐	*Fruit: length of stalk	short	
☐	*Fruit: thickness of stalk	medium	
☐	*Fruit: depth of stalk cavity	shallow to medium	
☐	*Fruit: width of stalk cavity	narrow to medium	
☐	*Fruit: depth of eye basin	shallow to medium	
☐	*Fruit: width of eye basin	narrow	
☐	*Fruit: firmness of flesh	soft to medium	
☐	*Fruit: colour of flesh	cream	
☐	*Fruit: aperture of locules	moderately open	
☐	*Time of: beginning of flowering	medium	
☒	Time for: harvest	late	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PETITGOLD'	'Ourin'	'Shinano Gold'
☐ **Fruit: acidity of flesh**	low		
☐ **Fruit: surface texture of skin**	smooth		
☐ **Fruit: scarf skin**	absent		
☐ **Fruit: water-core of flesh**	absent or very slight		

☐ **Fruit: shape of core**	conical
☐ **Fruit: sweetness of flesh**	medium to high

Prior Applications and Sales:

Country	Year	Status	Name Applied
JP	2019	granted	'Petit Gold'

No prior sale.

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

PETITGOLD

Malus domestica ‘PETITGOLD’

Details of Application

Application Number	2024/265
Variety Name	'S 102-45'
Genus Species	*Citrus reticulata x unshiu*
Accepted Date	08-Jan-2025
Applicant	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Canberra, Australia
Qualified Person	Peter Clingeleffer

Details of Comparative Trial

Location	CSIRO Irymple farm at 447 Dow Avenue, Irymple, Victoria, 3498
Descriptor	TG/201/1 Rev
Period	2024-25
Conditions	'S102-45' is an attractive, early maturing, easy peel mandarin with low seed number in the fruit. Its male parent, Imperial mandarin, has been identified as the most common knowledge comparator variety with a similar maturity period. Growth and fruit traits have been collected from 5 trees established in single blocks in the same field at the CSIRO Irymple farm in 2015 and grafted on Carrizo citrange rootstock. Leaf traits have been collected from potted trees established in the CSIRO shade house in January 2024 and maintained in a randomised block design for DUS purposes.
Trial Design	Tree habit and fruit data were collected for 5 mature trees of S 102-45 and Imperial mandarin, established in the same field in 2015. Five fruits were assessed from each tree (2 from each side and one from near the top of the tree). For fruit traits, data were collected for 5 fruits from each tree. Means and SD were calculated across the 5 trees. Leaf traits were collected for individual trees in the replicated DUS trial established in the shade house. The data was subjected to ANOVA.
Measurements	Measurements included leaf length and width, petiole length and wing width (collected 28/03/2025); flower traits included petal length and width and anther and style length (19/09/2024); and fruit traits included diameter, length, weight, total soluble solids (TSS), seed number, rind thickness and core diameter (30/04/2024).
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Hybrid seedlings from the cross of 'Imperial' mandarin x 'Miho Wase Satsuma' mandarin were established as potted plants in a glasshouse at CSIRO's former Merbein Research Centre. Buds from each hybrid were budded to nucellar seedlings of Carrizo citrange and Symons sweet orange rootstocks under the same glasshouse conditions that the hybrid seedlings had been raised. To ensure age uniformity, the rootstocks seeds were sown at the same time as the seeds from the Imperial mandarin parent. Grafted trees and the original hybrid seedlings were subsequently maintained under glasshouse conditions until the grafted trees were planted at CSIRO's Irymple Farm, Irymple, Vic., during autumn 2006. Once established, the trees were monitored for growth habit, vegetative characteristics, fruit yield, fruit colour and visual appeal, internal characteristics including flesh colour, texture, seediness, sugars and acids. Hybrid 'S 102-45' was identified for its low seed

number, ease of peeling, good fruit size, visual appeal and acceptable taste. It was then entered into a Phase two replicated trial as grafted plants on Carrizo citrange rootstock at CSIRO Irymple Farm. This involved 5 replicated plants of hybrid 'S 102-45' on 'Carrizo' citrange rootstock in a large, advanced selections planting with comparator varieties, including Imperial mandarin. Following assessment against key characteristics in all trials, the hybrid was identified to have commercial potential. Breeder: Dr Steve Sykes, Commonwealth Scientific and Industrial Research Organisation, Canberra, Australia

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	group	mandarin
Fruit	adherence to flesh	very weak to weak
Time of	maturity of fruit for consumption	early
Fruit	presence of neck	absent
Fruit	general shape of distal part	flattened
Tree	growth habit	upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Imperial' mandarin	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Nova'	Fruit	Seed number (OP)	absent or very few	few to many	
'Daisy'	Fruit	Seed number (OP)	absent or very few	many	
'Royal Honey Murcott'	Fruit	Seed umber (OP)	absent or very few	few to many	
'Amigo'	Fruit	Seed number (OP)	absent or very few	few to many	
'Hickson'	Fruit	Seed number (OP)	absent or very few	many	
'Nouvelle'	fruit	Seed number (OP)	absent or very few	few to medium	
'Nectar'	leaf	length of blade	long	short to medium	

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

Organ/Plant Part: Context	'S 102-45'	'Imperial'
☐ Ploidy:	diploid	diploid
☐ *Tree: growth habit	upright	upright
☒ Tree: density of spines	intermediate	absent or sparse
☐ Tree: length of spines	medium	very short
☐ Leaf blade: length	medium	medium

☐ Leaf blade: width	narrow	very narrow
☐ Leaf blade: ratio length/width	medium	medium
☒ Leaf blade: shape in cross section	strongly concave	intermediate
☐ Leaf blade: twisting	intermediate	intermediate
☐ Leaf blade: blistering	absent or weak	absent or weak
☐ Leaf blade: green colour	dark	dark
☐ Leaf blade: undulation of margin	intermediate	intermediate
☐ Leaf blade: incisions of margin	crenate	crenate
☐ Leaf blade: shape of apex	acuminate	acute
☐ Leaf blade: emargination at tip	present	present
☐ Petiole: length	medium	medium
☐ Petiole: presence of wings	present	present
☐ Petiole: width of wings (varieties with petiole wings present only)	medium	narrow
☐ Flower: diameter of calyx	medium	medium
☐ Flower: length of petal	medium	medium
☐ Flower: width of petal	medium	medium
☐ Flower: ratio length/width of petal	medium	medium
☐ Flower: length of stamens	medium	medium
☐ Anther: colour	white	light yellow
☐ Style: length	medium	medium
☐ Infructescence: clustering of fruits	absent	absent
☐ *Fruit: length	short	medium
☐ *Fruit: diameter	small	medium
☐ *Fruit: ratio length/diameter	medium	medium
☐ *Fruit: position of broadest part	at middle	at middle
☐ Fruit: shape in transverse section	somewhat angular	somewhat angular
☐ *Fruit: general shape of proximal part	flattened	flattened
☐ *Fruit: presence of neck	absent	absent
☐ *Fruit: presence of depression at stalk end (varieties without fruit neck only)	absent	absent
☐ Fruit: depth of depression at stalk end (varieties without fruit neck only)	very shallow	very shallow
☐ Fruit: presence of constriction at stalk end	absent	absent
☒ Fruit: number of radial grooves at stalk end	absent or few	intermediate
☐ Fruit: presence of collar	absent	absent

☐ Fruit: abscission layer between floral disc and fruit	absent or weakly developed	absent or weakly developed
☐ *Fruit: general shape of distal part	flattened	flattened
☒ *Fruit: presence of depression at distal end	absent	present
☐ Fruit: depth of depression at distal end	very shallow to shallow	shallow
☐ Fruit: diameter of depression at distal end	very small to small	medium
☐ *Fruit: presence of areola	absent	absent
☐ Fruit: diameter of stylar scar	very small to small	small
☐ Fruit: persistence of style	none	none
☐ Fruit: presence of navel opening	absent	absent
☐ Fruit: presence of radial grooves at distal end	absent	present
☒ *Fruit surface: predominant colours	medium orange	yellow orange
☐ *Fruit surface: glossiness	weak to medium	very weak to weak
☐ Fruit surface: roughness	very smooth to smooth	smooth
☐ Fruit surface: size of oil glands	all more or less the same size	all more or less the same size
☐ Fruit surface: size of larger oil glands	medium	small
☒ Fruit surface: conspicuousness of larger oil glands	medium	very weak to weak
☐ Fruit surface: presence of pitting and pebbling in oil glands	pitting absent, pebbling present	pitting and pebbling absent
☐ Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only)	very sparse	very sparse
☒ Fruit surface: density of pebbling (varieties with fruit surface: pebbling on oil glands present only)	medium	very sparse
☒ Fruit surface: degree of pebbling (varieties with fruit surface: pebbling on oil glands present only)	medium	very weak
☐ *Fruit rind: thickness	very thin to thin	thin to medium
☐ *Fruit rind: adherence to flesh	very weak to weak	very weak to weak
☐ Fruit rind: strength	medium	medium
☐ Fruit rind: oiliness	medium to oily	medium
☐ Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous	intermediate
☐ Fruit: colour of albedo	white	white
☒ Fruit: density of albedo	medium	loose to medium
☐ *Fruit: amount of albedo adhering to flesh	absent or very small	absent or very small
☐ Fruit: presence of albedo strands	present	present

☐ Fruit: amount of albedo strands	small	small
☒ *Fruit: main colour of flesh	dark orange	light orange
☐ Fruit: filling of core	sparse	absent or very sparse
☒ Fruit: diameter of core	very small to small	medium
☐ Fruit: presence of rudimentary segments	absent or weak	absent or weak
☐ Fruit: number of well developed segments	medium	medium
☐ Fruit: coherence of adjacent segment walls	medium	medium
☒ Fruit: strength of segment walls	weak	strong
☒ Fruit: length of juice vesicles	short	medium to long
☐ Fruit: thickness of juice vesicles	very thin to thin	thin to medium
☐ Fruit: conspicuousness of juice vesicle walls	medium	medium
☐ Fruit: coherence of juice vesicles	weak	weak
☐ *Fruit: presence of navel (viewed internally)	absent or very rare	occasionally present
☐ Fruit: size of navel (viewed internally)	small	small
☒ Fruit: juiciness	high	low
☐ *Fruit juice: total soluble solids	low	low to medium
☐ Fruit juice: acidity	very low to low	high
☒ Fruit: number of seeds (open pollination)	absent or very few	medium
☐ *Seed: polyembryony	absent	absent
☐ Seed: length	medium	medium
☐ Seed: width	broad	medium
☐ Seed: surface	smooth	wrinkled
☐ Seed: external colour	yellowish	whitish
☐ Seed: colour of inner seed coat	light brown	dark brown
☐ Seed: colour of cotyledons (varieties with seed: polyembryony present only)	light green	light green
☐ *Time of: maturity of fruit for consumption	early to medium	early to medium
☐ *Fruit: parthenocarpy	absent	absent
☐ Plant: self-incompatibility	absent	absent

Statistical Table

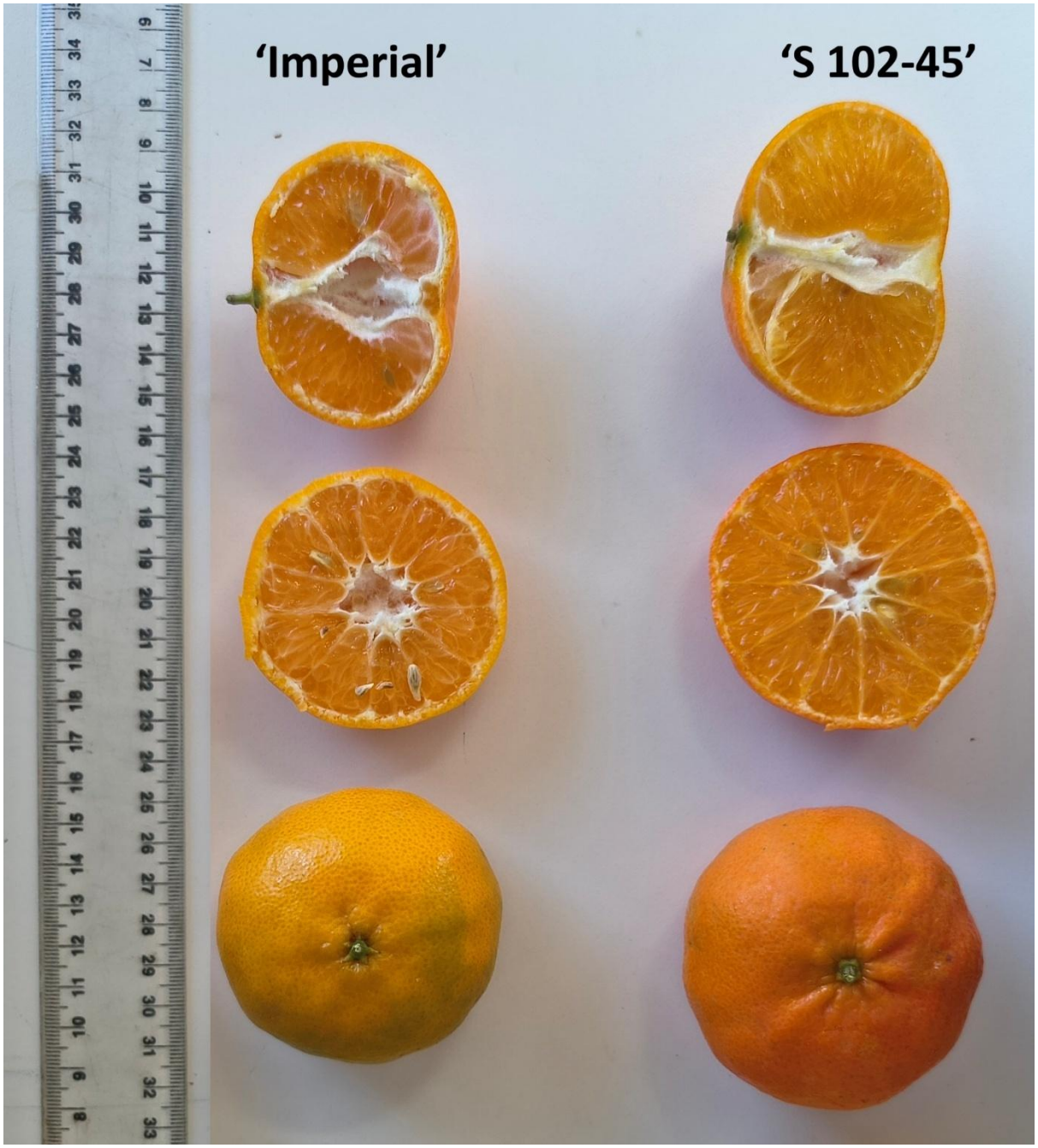
Organ/Plant Part: Context	'S 102-45'	'Imperial'
☐ **leaf: length (mm)**		
Mean	116.50	96.40
Std. Deviation	5.18	7.83
Lsd/sig		

☐ **leaf: width (mm)**		
Mean	59.90	43.10
Std. Deviation	4.89	5.89
Lsd/sig		
☐ **leaf: petiole length (mm)**		
Mean	21.00	14.10
Std. Deviation	3.16	4.16
Lsd/sig		
☐ **leaf: petiole wing width (mm)**		
Mean	4.90	2.80
Std. Deviation	1.04	0.87
Lsd/sig		
☒ **fruit: seed number**		
Mean	0.38	3.13
Std. Deviation	0.44	0.97
Lsd/sig	1.17	$p \leq 0.01$
☒ **fruit: core width (mm)**		
Mean	14.58	24.40
Std. Deviation	0.92	1.60
Lsd/sig	2.01	$p \leq 0.01$
☐ **fruit: rind thickness (mm)**		
Mean	3.03	3.58
Std. Deviation	0.25	0.31
Lsd/sig		
☐ **fruit: diameter (mm)**		
Mean	59.71	65.83
Std. Deviation	4.30	2.00
Lsd/sig		
☐ **fruit: height (mm)**		
Mean	45.13	51.17
Std. Deviation	3.73	2.14
Lsd/sig		
☐ **fruit: weight (gram)**		
Mean	97.27	102.63
Std. Deviation	15.28	8.18
Lsd/sig		

Prior Applications and Sales:

No prior sale or application.

Description: **Peter Clingeleffer**, Glen Osmond, SA 5064



Citrus reticulata x *unshiu* variety 'S 102-45' with comparator 'Imperial'

Details of Application

Application Number	2024/268
Variety Name	'Lady Isabella'
Genus Species	*Fragaria* x *ananassa* Duchesne ex Rozier
Common Name	Strawberry
Accepted Date	17-Jan-2025
Applicant	S&A Soft Fruits Ltd., Marden, Hereford HR1, 3ET, United Kingdom.
Agent	AJ Park, Wellington, New Zealand 6140.
Qualified Person	Damian Bougoure

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Germany.
Overseas Data Reference Number	EDB 691
Location	Prufstelle Wurzen
Descriptor	TG/22/10
Period	2019-2020
Conditions	Field evaluation under commercial conditions
Trial Design	As per TG/22/10
Measurements	As per TG/22/10
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Controlled cross pollination performed in January 2012. The seedling was selected from a cohort of 60,000 seedlings. Selections were based upon earliness, high yield, low input growing, continuous flowering, mildew and phytophthora resistance. The selection was propagated vegetatively, and subsequent trials were performed using increasing numbers of plants for an additional 5 years. Breeder: Irene Geoghegan, Dundee, DD2 5DW, United Kingdom.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Berry	size	medium to large
Berry	shape	conical
Berry	colour	medium red
Type of	bearing	day neutral

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cirafine'	
'Eves Delight'	
'Amandine'	
'Everly'	
'ASF219'	

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

Organ/Plant Part: Context	'Lady Isabella'	'Amandine'	'ASF219'	'Cirafine'	'Everly'	'Eves Delight'
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright	semi-upright	semi-upright	semi-upright
☐ Plant: density of foliage	medium	medium	medium	medium	medium	medium
☐ Plant: vigour	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong
☐ *Plant: position of inflorescence in relation to foliage	same level	same level	same level	same level	same level	same level
☐ *Plant: number of stolons	medium	medium	medium	medium	medium	medium
☐ Stolon: anthocyanin colouration	medium	medium	medium	medium	medium	medium
☐ Stolon: density of pubescence	medium	medium	medium	medium	medium	medium
☐ Leaf: size	medium to large	medium to large	medium to large	medium to large	medium to large	medium to large
☐ Leaf: colour of upper side	dark green	dark green	dark green	dark green	dark green	dark green
☐ *Leaf: blistering	strong	strong	strong	strong	strong	strong
☐ *Leaf: glossiness	strong	strong	strong	strong	strong	strong
☐ Leaf: variegation	absent	absent	absent	absent	absent	absent
☐ *Terminal leaflet: length in relation to width	moderately longer	moderately longer	moderately longer	moderately longer	moderately longer	moderately longer
☐ *Terminal leaflet: shape of base	obtuse	obtuse	obtuse	obtuse	obtuse	obtuse
☒ Terminal leaflet: margin	serrate	serrate to crenate	crenate	serrate	serrate to crenate	serrate
☐ Terminal leaflet: shape in cross section	concave	concave	concave	concave	concave	concave
☐ Petiole: length	medium to long	medium to long	medium to long	medium to long	medium to long	medium to long
☒ Petiole: attitude of hairs	horizontal	horizontal	horizontal	slightly outwards	horizontal	horizontal
☐ Stipule: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Inflorescence: number of flowers	few	few	few	few	few	few

☐ Pedicel: attitude of hairs	upwards	upwards	upwards	upwards	upwards	upwards
☒ Flower: diameter	medium	medium	medium	medium	medium	large
☐ *Flower: arrangement of petals	overlapping	overlapping	overlapping	overlapping	overlapping	overlapping
☐ *Flower: size of calyx in relation to corolla	larger	larger	larger	larger	larger	larger
☐ *Flower: stamen	present	present	present	present	present	present
☐ Petal: length in relation to width	equal	equal	equal	equal	equal	equal
☐ *Petal: colour of upper side	white	white	white	white	white	white
☐ *Fruit: length in relation to width	moderately longer	moderately longer	moderately longer	moderately longer	moderately longer	moderately longer
☐ *Fruit: size	medium to large	medium to large	medium to large	medium to large	medium to large	medium to large
☐ *Fruit: shape	conical	conical	conical	conical	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	very slight to slight	very slight to slight	very slight to slight	very slight to slight	very slight to slight	very slight to slight
☐ *Fruit: colour	medium red	medium red	medium red	medium red	medium red	medium red
☐ Fruit: evenness of colour	slightly uneven	slightly uneven	slightly uneven	slightly uneven	slightly uneven	slightly uneven
☐ Fruit: glossiness	strong	strong	strong	strong	strong	strong
☐ Fruit: evenness of surface	slightly uneven	slightly uneven	slightly uneven	slightly uneven	slightly uneven	slightly uneven
☐ Fruit: width of band without achenes	narrow	narrow	narrow	narrow	narrow	narrow
☐ *Fruit: position of achenes	level with surface	level with surface	level with surface	level with surface	level with surface	level with surface
☐ Fruit: position of calyx attachment	level with fruit	level with fruit	level with fruit	level with fruit	level with fruit	level with fruit
☐ Fruit: attitude of sepals	upwards	upwards	upwards	upwards	upwards	upwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	same size	same size	same size	same size	same size	same size
☐ Fruit: adherence of calyx	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong
☐ Fruit: firmness	firm	firm	firm	firm	firm	firm

☐ Fruit: colour of flesh (excluding core)	medium red	medium red	medium red	medium red	medium red	medium red
☐ Fruit: colour of core	medium red	medium red	medium red	medium red	medium red	medium red
☐ Fruit: cavity	medium	medium	medium	medium	medium	medium
☐ *Time of: beginning of flowering	very early to early	very early to early	very early to early	very early to early	very early to early	very early to early
☐ Time of: beginning of fruit ripening	very early to early	very early to early	very early to early	very early to early	very early to early	very early to early
☐ *Type of: bearing	day neutral	day neutral	day neutral	day neutral	day neutral	day neutral

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'Lady Isabella'
UK	2021	Granted	'Lady Isabella'
Canada	2022	Granted	'Lady Isabella'
USA	2019	Granted	'Lady Isabella'
Switzerland	2023	Granted	'Lady Isabella'

First sold in United Kingdom on 13 January 2023.

Description: **Damian Bougoure**, Hodgson Vale, QLD 4352

Strawberry (*Fragaria* x *ananassa* Duchesne ex Rozier) variety 'Lady Isabella'

Details of Application

Application Number	2024/269
Variety Name	'Lady Emma'
Genus Species	*Fragaria* × *ananassa* Duchesne ex Rozier
Common Name	Strawberry
Accepted Date	23-Dec-2024
Applicant	S&A Soft Fruits Ltd., Marden, Herefordshire, HR1 3ET, UK
Agent	AJ Park, PO Box 949, Wellington, New Zealand
Qualified Person	Damian Bougoure

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Germany
Overseas Data Reference Number	'EDB 690'
Location	Prüfstelle Wurzen, Germany
Descriptor	TG/22/10
Period	2019-2020
Conditions	As per TG/22/10
Trial Design	As per TG/22/10
Measurements	As per TG/22/10
RHS Chart - edition	

Origin and Breeding

Controlled cross pollination performed in January 2012. The seedling was selected from a cohort of 60000 seedlings. Selections were based upon earliness, high yield, low input growing, continuous flowering, and mildew and phytophora resistance. The selection was propagated via vegetative propagation using stolons/runners and subsequent trials were performed using increasing numbers of plants of the selection for an additional 5 years. Breeder: Irene Geoghegan, Dundee, DD2 5DW, United Kingdom.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Fruit	size	large to very large
Fruit	shape	conical
Fruit	colour	medium red
Plant	type of bearing	day neutral

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Verity'	
'Hademar'	

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

Organ/Plant Part: Context	'Lady Emma'	'Hademar'	'Verity'
☐ *Plant: growth habit	semi-upright		
☐ Plant: density of foliage	medium		
☐ Plant: vigour	medium to strong		

☐	*Plant: position of inflorescence in relation to foliage	same level	
☒	*Plant: number of stolons	few to medium	medium to many
☐	Stolon: anthocyanin colouration	weak to medium	
☐	Stolon: density of pubescence	medium	
☐	Leaf: size	large	
☒	Leaf: colour of upper side	light green	dark green
☐	*Leaf: blistering	medium	
☐	*Leaf: glossiness	strong	
☐	Leaf: variegation	absent	
☐	*Terminal leaflet: length in relation to width	moderately longer	
☐	*Terminal leaflet: shape of base	obtuse	
☐	Terminal leaflet: margin	serrate to crenate	
☐	Terminal leaflet: shape in cross section	concave	
☐	Petiole: length	medium	
☐	Petiole: attitude of hairs	horizontal	
☐	Stipule: anthocyanin colouration	absent or very weak	
☐	Inflorescence: number of flowers	few to medium	
☐	Pedicel: attitude of hairs	upwards	
☐	Flower: diameter	medium	
☐	*Flower: arrangement of petals	free	
☐	*Flower: size of calyx in relation to corolla	same size	
☐	*Flower: stamen	present	
☐	Petal: length in relation to width	moderately longer	
☐	*Petal: colour of upper side	white	
☐	*Fruit: length in relation to width	equal	
☐	*Fruit: size	large to very large	
☐	*Fruit: shape	conical	
☐	Fruit: difference in shape of terminal and other fruits	slight	
☐	*Fruit: colour	medium red	
☐	Fruit: evenness of colour	slightly uneven	
☐	Fruit: glossiness	strong	
☐	Fruit: evenness of surface	slightly uneven	
☐	Fruit: width of band without achenes	narrow	
☐	*Fruit: position of achenes	below surface	
☐	Fruit: position of calyx attachment	level with fruit	
☐	Fruit: attitude of sepals	outwards	
☐	Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	

Fruit: adherence of calyx	weak to medium
Fruit: firmness	firm
Fruit: colour of flesh (excluding core)	medium red
Fruit: colour of core	medium red
Fruit: cavity	large
*Time of: beginning of flowering	very early to early
Time of: beginning of fruit ripening	very early to early
*Type of: bearing	day neutral

Prior Applications and Sales:

Country	Year	Status	Name Applied
Armenia	**2022**	**Applied**	'Lady Emma'
Canada	**2022**	**Granted**	'Lady Emma'
EU	**2018**	**Granted**	'Lady Emma'
New Zealand	**2025**	**Applied**	'Lady Emma'
Switzerland	**2023**	**Granted**	'Lady Emma'
USA	**2029**	**Granted**	'Lady Emma'

First sold in the UK in February 2021

Description: **Damian Bougoure**, Hodgson Vale, QLD

Strawberry (*Fragaria ×ananassa*) - variety 'Lady Emma'

Grants

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Grant Date	Certificate Number	Expiry Date
2023/008	IB 810-4	Moroccan Glory Bind	Not Applicable	*Convolvulus*	*sabatius*	Plant Growers Australia Pty Ltd	31/10/2025	7320	31/10/2045
2023/016	Icevita	Lettuce	Not Applicable	*Lactuca*	*sativa*	Syngenta Crop Protection AG	24/09/2025	7298	24/09/2045
2023/081	DrisBlueTwentyThree	Blueberry	Not Applicable	*Vaccinium*	*corymbosum*	Driscoll's Inc.	19/11/2025	7325	19/11/2045
2018/074	Xeleven	Apple	Not Applicable	*Malus*	*domestica*	Red Moon GmbH	30/10/2025	7317	30/10/2050
2023/028	Kanaemaru	Japanese Tea	Not Applicable	*Camellia*	*sinensis*	National Agriculture and Food Research Organization	22/09/2025	7295	22/09/2045
2020/040	Hamdapc	Dahlia	Not Applicable	*Dahlia*	*x variabilis*	Kiwi Flora Ltd	07/10/2025	7309	07/10/2045
2024/148	THERAS	Lettuce	Not Applicable	*Lactuca*	*sativa L.*	Nunhems B.V.	29/09/2025	7303	29/09/2045
2016/340	Tuccadona	Lettuce	Not Applicable	*Lactuca*	*sativa*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	24/09/2025	7299	24/09/2045
2021/154	Hawkestone	Swede	Not Applicable	*Brassica*	*napus var. napobrassica*	Forage Innovations Limited	12/09/2025	7282	12/09/2045
2020/003	SweetEve 2	Strawberry	Not Applicable	*Fragaria*	*x ananassa*	Edward Vinson Ltd.	21/10/2025	7316	21/10/2045
2018/260	AGV1001	Chickpea	Not Applicable	*Cicer*	*arietinum*	Agriventis Technologies Pty. Ltd.	20/10/2025	7313	20/10/2045
2017/203	Hpopr013	Hydrangea	Candlelight	*Hydrangea*	*paniculata*	Oprins Plants N.V	13/10/2025	7312	13/10/2045
2020/269	Jon02	Hydrangea	Not Applicable	*Hydrangea*	*macrophylla*	De Jong Plant B.V.	18/09/2025	7294	18/09/2045
2021/036	Nobility	Raspberry	Not Applicable	*Rubus*	*idaeus*	Plant Sciences, Inc.	12/09/2025	7284	12/09/2045

2017/112	WA 38	Apple	Not Applicable	*Malus*	*domestica*	Washington State University (WSU)	25/09/2025	7301	25/09/2050
2014/323	MALOF001	Lilly Pilly	Screen It	*Syzygium*	*australe*	Malof Trading Pty Ltd	17/09/2025	7290	17/09/2050
2020/278	EXCURIA	Lettuce	Not Applicable	*Lactuca*	*sativa*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	12/09/2025	7283	12/09/2045
2015/122	Seraph	Strand Medic	Not Applicable	*Medicago*	*littoralis*	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute).	11/09/2025	7281	11/09/2045
2016/288	MAIA 1	Apple	Evercrisp	*Malus*	*domestica*	Midwest Apple Improvement Association	15/09/2025	7286	15/09/2050
2018/261	AGV1002	Chickpea	Not Applicable	*Cicer*	*arietinum*	AgriVentis Technologies Pty Ltd	20/10/2025	7314	20/10/2045
2021/239	INSPIRE	Strawberry	Not Applicable	*Fragaria*	*x ananassa*	Berry Genetics, Inc.	17/09/2025	7291	17/09/2045
2023/030	I-15	Olive	I 15	*Olea*	*europaea*	Todolivo S.L.	23/09/2025	7296	23/09/2050
2018/240	PBBRSP1348	Raspberry	Not Applicable	*Rubus*	*idaeus*	Hortifrut Genetics Limited	07/10/2025	7308	07/10/2045
2023/010	IB 710-1	Moroccan Glory Bind	Not Applicable	*Convolvulus*	*sabatius*	Plant Growers Australia Pty Ltd	31/10/2025	7322	31/10/2045
2018/327	Areko	Sweet Cherry	Hamid	*Prunus*	*avium*	Julius Kuhn-Institut (JKI), Federal	24/09/2025	7297	24/09/2050

						Research Centre for Cultivated Plants			
2021/186	Eves Delight 2	Strawberry	Not Applicable	*Fragaria*	*x ananassa*	Edward Vinson Ltd	20/10/2025	7315	20/10/2045
2020/245	GreenRed	Japanese Plum	WM8	*Prunus*	*salicina*	Ben-Dor Fruits and Nurseries	31/10/2025	7318	31/10/2050
2023/197	JAVIO	Lettuce	PHYSIO	*Lactuca*	*sativa*	Syngenta Crop Protection AG	25/09/2025	7300	25/09/2045
2020/131	Meibenbino	Rose	Not Applicable	*Rosa*	*hybrid*	MEILLAND INTERNATIONAL S.A.	03/10/2025	7306	03/10/2045
2023/009	IB 810-3	Moroccan Glory Bind	Not Applicable	*Convolvulus*	*sabatius*	Plant Growers Australia Pty Ltd	31/10/2025	7321	31/10/2045
2018/137	Pendleton	Lucerne	AGC05	*Medicago*	*sativa*	Alpha Group Consulting Pty Ltd	16/09/2025	7288	16/09/2045
2018/241	PBBRSP1381	Raspberry	Not Applicable	*Rubus*	*idaeus*	Hortifrut Genetics Limited	08/10/2025	7310	08/10/2045
2018/259	Menhir	Ginkgo	Lemonlime spire	*Ginkgo*	*biloba*	Jan-Willem Wezelenberg	17/09/2025	7289	17/09/2050
2023/033	ICESTEM		Not Applicable	*Brassica*	*oleracea L. convar. Botrytis (L) Alef. Var. botrytis*	Syngenta Crop Protection AG	08/10/2025	7311	08/10/2045
2020/268	Jon04	Hydrangea	Not Applicable	*Hydrangea*	*macrophylla*	De Jong Plant B.V.	18/09/2025	7293	18/09/2045
2020/283	AUS-MAJESTIC	Raspberry	Not Applicable	*Rubus*	*idaeus*	Plant Sciences, Inc.	12/09/2025	7285	12/09/2045
2024/152	DrisStrawEightyTwo	Strawberry	Not Applicable	*Fragaria*	*x ananassa*	DRISCOLL'S, INC.	20/11/2025	7326	20/11/2045
2021/139	GRAZA 88	Oats	Not Applicable	*Avena*	*sativa*	Her Majesty The Queen in Right of Canada as represented by	30/09/2025	7304	30/09/2045

						the Minister of Agriculture and Agri-Food			
2023/039	Dark Vader	Cauliflower	Not Applicable	*Brassica*	*oleracea L.convar.Botrytis (L) Alef. Var. botrytis*	SYNGENTA CROP PROTECTION AG	02/10/2025	7305	02/10/2045
2014/324	MALOF002	Lilly Pilly	SpeedyScreener	*Acmena*	*smithii*	Malof Trading Pty Ltd	17/09/2025	7292	17/09/2050
2018/089	PMSP189681558	Spinach	Not Applicable	*Spinacia*	*oleracea*	Nunhems B.V.	15/09/2025	7287	15/09/2045
2023/012	IB 810-2	Moroccan Glory Bind	Not Applicable	*Convolvulus*	*sabatius*	Plant Growers Australia Pty Ltd	31/10/2025	7323	31/10/2045
2024/050	DrisBlueTwentyTwo	Blueberry	Not Applicable	*Vaccinium*	*corymbosum*	Driscoll's Inc	20/11/2025	7327	20/11/2045
2020/247	SilverRed	Japanese Plum	Not Applicable	*Prunus*	*salicina*	Ben-Dor Fruits and Nurseries	31/10/2025	7319	31/10/2050
2023/082	DrisBlackTwenty	Blackberry	Not Applicable	*Rubus*	*subgenus Rubus*	Driscoll's Inc.	19/11/2025	7324	19/11/2045
2018/097	SMS-16-CA 2014-2016	Sweet Cherry	Not Applicable	*Prunus*	*avium*	SMS Unlimited LLC	03/10/2025	7307	03/10/2050
2024/090	AVEMUS	Lettuce	Not Applicable	*Lactuca*	*sativa*	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	26/09/2025	7302	26/09/2045

Refusals

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Refusal Date

Applications Withdrawn

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Withdrawal Date
2015/192	Avanti	Potato	Not Applicable	*Solanum*	*tuberosum*	IPR B.V.	23/09/2025
2023/205	PHS-F		Not Applicable	*Passiflora*	*edulis*	Peasley Horticultural Services Pty Ltd	15/09/2025
2023/092	PHS R2V2		Not Applicable	*Passiflora*	*edulis*	Peasley Horticultural Services Pty Ltd	15/09/2025
2022/238	NoLox 1218	Soybean	Not Applicable	*Glycine*	*max*	Grains Research and Development Corporation	17/10/2025
2021/240	Monica Russet	Potato	Not Applicable	*Solanum*	*tuberosum*	IPR B.V.	23/09/2025
2021/179	TIGER	Potato	Not Applicable	*Solanum*	*tuberosum*	IPR B.V.	23/09/2025
2018/368	ACF008	Gossamer Wattle	Not Applicable	*Acacia*	*floribunda*	Ian Shimmen	08/10/2025
2023/093	PHS R2V5		Not Applicable	*Passiflora*	*edulis*	Peasley Horticultural Services Pty Ltd	15/09/2025
2019/214	SUPLUMFIFTYFIVE	Japanese Plum	SUPLUM55	*Prunus*	*salicina*	Sun World International LLC	30/09/2025
2018/383	RedDesire	Lily	Not Applicable	*Lilium*	*hybrid*	Testcentrum voor Siergewassen B.V.	08/10/2025
2024/220	Hypnotic Baby		Not Applicable	*Tibouchina*	*hybrid*	Terence Charles Keogh	17/09/2025
2023/219	Red Globe	Japanese Maple	Not Applicable	*Acer*	*palmatum*	Colin James	22/09/2025
2018/382	Maldano	Lily	Not Applicable	*Lilium*	*hybrid*	Testcentrum voor Siergewassen B.V.	08/10/2025
2022/145	BRS Melodia	Grape vine	Not Applicable	*Vitis*	*vinifera*	EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA	01/10/2025

2018/384	Profundo	Lily	Not Applicable	*Lilium*	*hybrid*	Testcentrum voor Siergewassen B.V.	08/10/2025
2016/314	Sugrafortyfive	Grape vine	SUGRA45	*Vitis*	*vinifera*	Sun World International LLC	10/10/2025
2023/138	Aurum	Potato	Not Applicable	*Solanum*	*tuberosum*	IPR B.V.; Y.P. van der Werff	23/09/2025
2024/176	KPB 143	Boronia	Not Applicable	*Boronia*	*hybrid*	Botanic Gardens and Parks Authority	16/09/2025
2022/239	NoLox 1225	Soybean	Not Applicable	*Glycine*	*max*	Grains Research and Development Corporation	17/10/2025

Grants Revoked

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Revocation Date

Grants Surrendered

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Surrendered Date
2016/024	Hydrus	Spinach	Not Applicable	*Spinacia*	*oleracea*	Nunhems B.V.	03/10/2025
2013/207	Q254	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2018/376	N2MR076	Red Bayberry	Not Applicable	*Morella*	*rubra*	University of Queensland	12/11/2025
2017/332	BS20-5-1	Strawberry	Not Applicable	*Fragaria*	*xananassa*	Miyoshi & Co., Ltd.	03/11/2025
2013/073	ABCRD01	Winter Rose	Not Applicable	*Helleborus*	*hybrid*	Rodney Davey	10/09/2025
1994/166	Flavor Supreme	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*hybrid*	Zaiger's Inc. Genetics	14/11/2025
2013/321	ZF06-079	Blueberry	Not Applicable	*Vaccinium*	*corymbosum*	The Conard-Pyle Company	12/11/2025
2016/072	Razzleberry	Sedum	Not Applicable	*Sedum*	*hybrid*	Christopher M. Hansen	14/11/2025
1999/309	FLAVOR KING	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*domestica x Prunus armeniaca*	Zaiger's Inc. Genetics	14/11/2025
2014/117	Calkwr	Bottlebrush	Not Applicable	*Callistemon*	*hybrid*	John Boekel	03/10/2025
2006/187	Q230	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2019/089	Lavender Lady		Not Applicable	*x Mangave*	.	Walters Gardens, Inc.	13/11/2025
1995/250	Avimag	Peach	Not Applicable	*Prunus*	*persica x Prunus davidiana*	Agri Obtentions	14/11/2025
2013/322	ZF06-043	Blueberry	Not Applicable	*Vaccinium*	*corymbosum*	The Conard-Pyle Company	12/11/2025
2014/272	Coparose	Interspecific Plum	Not Applicable	*Prunus*	*salicina x armeniaca*	Zaiger's Inc. Genetics	14/11/2025
2020/150	FRBRU 16	Peach	Not Applicable	*Prunus*	*persica*	Bruno Muscatello; Frank Diaco	08/10/2025

2014/165	Greenflash	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/10/2025
2012/107	BARCELONA	Potato	Not Applicable	*Solanum*	*tuberosum*	The Potato Company BV	03/10/2025
2015/255	U12	Fungal Endophyte -Meadow Fescue	Not Applicable	*Epichloe*	*uncinata*	Cropmark Seeds Australia Pty Ltd	21/11/2025
2017/022	Amara	Abyssinian Cabbage	Not Applicable	*Brassica*	*carinata*	Vilmorin-Mikado USA, Inc.	12/11/2025
2014/268	Scorpius	Spinach	Not Applicable	*Spinacia*	*oleracea*	Nunhems B.V.	03/10/2025
2010/257	Ramboreef	Brachyscome	Not Applicable	*Brachyscome*	*formosa*	Ian Angus Stewart	12/11/2025
2016/012	Buzbie	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	14/11/2025
2006/322	Spring Flavor	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*salicina x armeniaca*	Zaiger's Inc. Genetics	14/11/2025
2009/084	Q238	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2010/204	Q243	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2019/019	MAREJADA	Tomato	Not Applicable	*Solanum*	*lycopersicum*	Nunhems B.V.	03/11/2025
2016/027	Brujula	Cucumber	Not Applicable	*Cucumis*	*sativus*	Nunhems B.V.	08/10/2025
2021/082	KPTAIL	Kangaroo Paw	Not Applicable	*Anigozanthos*	*hybrid*	Botanic Gardens and Parks Authority	31/10/2025
2002/128	Red Devil	Photinia	Not Applicable	*Photinia*	*glabra*	RJ Cherry	06/11/2025
2008/174	Super Lady	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2013/033	Redvale	Peanut	Not Applicable	*Arachis*	*hypogaea*	State of Queensland through its Department of Agriculture, Fisheries and Forestry, Grains Research and Development Corporation	13/11/2025
1997/148	BAIGENT	Apple	Not Applicable	*Malus*	*domestica*	Brookfield New Zealand Ltd	14/11/2025

2006/320	Dapple Fire	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*hybrid*	Zaiger's Inc. Genetics	14/11/2025
2006/061	Eureka	Caper bush	Not Applicable	*Capparis*	*spinosa subsp. Rupestris*	Brian Noone	12/11/2025
2010/127	Magniff	Perennial Ryegrass	Not Applicable	*Lolium*	*perenne*	Landmark Nominees Ltd	03/11/2025
2013/205	Q252	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2015/176	Jacqueline Lee	Potato	Not Applicable	*Solanum*	*tuberosum*	Board of Trustees of Michigan State University	03/11/2025
2015/127	AGAM	Mango	Not Applicable	*Mangifera*	*indica*	The State of Israel Ministry of Agriculture & Rural Development Agricultural Research Organization	14/11/2025
2011/168	Q245	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2014/064	Peace	Hydrangea	Not Applicable	*Hydrangea*	*macrophylla*	Ryoji Irie	12/11/2025
2007/128	Caroline	White Cedar	Not Applicable	*Melia*	*azedarach*	Fleming's Nurseries Pty Ltd	14/11/2025
2012/108	MONTE CARLO	Potato	Not Applicable	*Solanum*	*tuberosum*	The Potato Company BV	03/10/2025
2005/354	Mini Cog	Bower Wattle	Not Applicable	*Acacia*	*cognata*	Peter Goldup	14/11/2025
2008/071	TPP5	Mango	Not Applicable	*Mangifera*	*indica*	Tian Mok Siah, Siew Yoon Hew	04/11/2025
2007/218	Q232	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2014/159	Blondie	New Zealand Mountain Flax	Not Applicable	*Phormium*	*cookianum*	Paul Robert Handyside	13/11/2025

1998/134	Private Green	Mexican Cypress	Not Applicable	*Cupressus*	*lusitanica*	Jeff Koelewyn for Hermitage Nursery Pty Ltd	08/10/2025
2015/200	Jezabeel	Lettuce	Not Applicable	*Lactuca*	*sativa*	Vilmorin-Mikado	03/11/2025
2009/187	Q241	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2003/367	Sugar Time	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2017/328	Safari Rose	Aloe	Not Applicable	*Aloe*	*hybrid*	Charles Andrew de Wet	12/11/2025
2019/050	BELEOREO	Lettuce	Not Applicable	*Lactuca*	*sativa*	Shamrock Seed Company, Inc. dba Vilmorin North America	03/11/2025
2010/203	Q242	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2006/134	Sierrich	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2007/220	Q234	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2011/166	Q244	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2010/085	Zaimus	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2003/251	Bella	Mandarin	Not Applicable	*Citrus*	*hybrid*	K.E. Walker	14/11/2025
2016/031	Frizzle Sizzle		Not Applicable	*Albuca*	*spiralis*	Zuidgeest Honselersdijk	14/11/2025
1999/128	FLAVORICH	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*domestica x Prunus armeniaca*	Zaiger's Inc. Genetics	14/11/2025
2005/099	Korgrasotra	Rose	Not Applicable	*Rosa*	*hybrid*	W. Kordes' Sohne Rosenschulen GmbH & Co KG	12/11/2025

2012/109	Montreal	Potato	Not Applicable	*Solanum*	*tuberosum*	The Potato Company BV	03/10/2025
2007/041	BQT II	Ryegrass	Not Applicable	*Lolium*	*hybridum*	PGG Wrightson Seeds Ltd	08/10/2025
2008/072	TPP6	Mango	Not Applicable	*Mangifera*	*indica*	Tian Mok Siah, Siew Yoon Hew	04/11/2025
2015/177	ATTX961014-1R/Y	Potato	Not Applicable	*Solanum*	*tuberosum*	Texas A&M AgriLife Research	03/11/2025
2016/304	Gatsby	Potato	Not Applicable	*Solanum*	*tuberosum*	Cygnet PB Ltd	12/11/2025
2002/161	Klondike White	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2020/130	SUPERCUT	Lettuce	Not Applicable	*Lactuca*	*sativa*	Vilmorin-Mikado	03/11/2025
2006/103	Korstarnow	Rose	Not Applicable	*Rosa*	*hybrid*	W. Kordes' Sohne Rosenschulen GmbH & Co KG	14/11/2025
2017/084	Safiyah	Potato	Not Applicable	*Solanum*	*tuberosum*	M. Higgins Ltd	03/10/2025
2013/111	Spring Fire	Nectarine	Not Applicable	*Prunus*	*persica var. nucipersica*	Zaiger's Inc. Genetics	14/11/2025
2009/036	NuFu1	Fuchsia	Not Applicable	*Fuchsia*	*x hybrida*	NuFlora International Pty Ltd	14/11/2025
2009/122	Strawberry Surprise	Waxflower	Not Applicable	*Chamelaucium*	*hybrid*	Helix Australia (Goldsash Corporation Pty Ltd)	04/11/2025
2009/037	MEIKATANA	Rose	Not Applicable	*Rosa*	*hybrid*	Meilland International S.A.	13/11/2025
2019/071	B-geraniol	Lemon-scented Tea Tree	Not Applicable	*Leptospermum*	*petersonii*	Greg Colin Trevena	14/11/2025
2008/196	Q237	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2012/081	Q251	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2004/317	Cheetah	Lilly Pilly	Not Applicable	*Syzygium*	*paniculatum*	Devon Stork	12/11/2025

2008/362	Pink-Diamond Seedless	Grape vine	Not Applicable	*Vitis*	*vinifera*	David Buselich	12/11/2025
2003/276	V971-0	Shasta Daisy	Not Applicable	*Leucanthemum*	*xsuperbum*	NuFlora International Pty Ltd	14/11/2025
2010/007	DW1	Bower Wattle	Not Applicable	*Acacia*	*cognata*	Treeplanters Nursery	13/11/2025
2006/185	Q227	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2005/096	Korhocsel	Rose	Not Applicable	*Rosa*	*hybrid*	W. Kordes' Sohne Rosenschulen GmbH & Co KG	13/11/2025
2006/356	Rubirosa	Japanese Plum	Not Applicable	*Prunus*	*salicina*	Zaiger's Inc. Genetics	14/11/2025
2015/151	Aurea	Potato	Not Applicable	*Solanum*	*tuberosum*	SIPRE	14/11/2025
2003/324	Ceora	Grass Pea	Not Applicable	*Lathyrus*	*sativus*	Western Australian Agriculture Authority, University of Western Australia, Commonwealth Scientific and Industrial Research Organisation, Murdoch University	13/11/2025
2019/001	Pineapple Express		Not Applicable	*x Mangave*	.	Walters Gardens, Inc.	13/11/2025
2005/110	Cadet	Sweet Cherry	Not Applicable	*Prunus*	*avium*	Bertram Family Trust	14/11/2025
2017/327	ANDora	Aloe	Not Applicable	*Aloe*	*hybrid*	Charles Andrew De Wet	12/11/2025
2006/186	Q229	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2013/293	MULTIGREEN 57	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	12/11/2025

2019/221	NOHA	Potato	Not Applicable	*Solanum*	*tuberosum*	GERMICOPA BREEDING	03/11/2025
2021/169	SPRINKIN	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/10/2025
2018/253	Popsicle	Chinese Hibiscus	Not Applicable	*Hibiscus*	*rosa-sinensis*	Complete Plant Management	03/11/2025
2012/078	Q249	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2015/021	SUPA2220	Marguerite Daisy	Not Applicable	*Argyranthemum*	*frutescens*	NuFlora International Pty Ltd	03/11/2025
2006/204	Sweet Shasta	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2009/126	INNCLEOSR	Spider Flower	Not Applicable	*Cleome*	*spinosa*	InnovaPlant GmbH & Co. KG	08/10/2025
2005/212	Vales Sovereign	Potato	Not Applicable	*Solanum*	*tuberosum*	The James Hutton Institute	03/11/2025
2004/249	LMF500	Wattle Mat Rush	Not Applicable	*Lomandra*	*filiformis subsp coriacea*	Ozbreed Pty Ltd	03/11/2025
2001/065	Vera Light Purple	Bougainvillea	Not Applicable	*Bougainvillea*	*spectabilis*	RijnPlant IP B.V.	13/11/2025
2008/102	Winter Lights	Lilly Pilly	Not Applicable	*Syzygium*	*australe*	James F Koppman and Jaqueline A Koppman	14/11/2025
2006/188	Q231	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2005/035	Eckadire	Poinsettia	Not Applicable	*Euphorbia*	*pulcherrima*	Paul Ecke Ranch, Inc.	08/10/2025
2018/377	N2MR020	Red Bayberry	Not Applicable	*Morella*	*rubra*	University of Queensland	12/11/2025
2014/085	Yetna	Canola	Not Applicable	*Brassica*	*napus*	Agronomy For Profit	13/11/2025
2002/149	NE 02	Ovens Wattle	Not Applicable	*Acacia*	*pravissima*	N G & E M Medhurst	03/11/2025
2002/162	Sunlit Snow	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025

2000/322	Forest Gem	Tully River Stenocarpus	Not Applicable	*Stenocarpus*	*sp*	Peter Radke	13/11/2025
2015/217	BEP001	Apple	Not Applicable	*Malus*	*domestica*	Batlow Fruit Co-operative Limited	03/11/2025
2011/171	Q248	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2012/175	Esmeralda	Potato	Not Applicable	*Solanum*	*tuberosum*	SIPRE	08/10/2025
2015/022	SUPA2235	Marguerite Daisy	Not Applicable	*Argyranthemum*	*frutescens*	NuFlora International Pty Ltd	03/11/2025
2010/163	Garnet	Burgundy Beans	Not Applicable	*Macroptilium*	*bracteatum*	Barenbrug Australia Pty Ltd	04/11/2025
2011/170	Q247	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2007/087	Fisher	Peanut	Not Applicable	*Arachis*	*hypogaea*	North Carolina State University	21/10/2025
2019/282	12A-004	Velvet bean	Not Applicable	*Mucuna*	*pruriens*	Paragon Seeds Australia	03/10/2025
2019/088	MissiontoMars		Not Applicable	*x Mangave*	.	Walters Gardens, Inc.	13/11/2025
2014/321	Moncante	Nectarine	Not Applicable	*Prunus*	*persica var. nucipersica*	Rene Monteux-Caillet	13/11/2025
2021/241	RGT Orbiter	Barley	Not Applicable	*Hordeum*	*vulgare*	RAGT 2n	12/11/2025
2011/242	Templin	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	04/11/2025
2009/136	Temarisou	Dianthus	Not Applicable	*Dianthus*	*barbatus*	Jyoji Furuta	03/11/2025
2009/242	Super Zee	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2006/184	Q226	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2017/135	Bonsca 1203	Fanflower	Not Applicable	*Scaevola*	*aemula*	Bonza Botanicals Pty Ltd	12/11/2025
2018/082	RUBYGLACE	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/10/2025

2021/095	Limalexia	Strawberry	Not Applicable	*Fragaria*	*xananassa*	Asparagus Beheer B.V.	13/11/2025
2003/076	Little Honey	Grevillea	Not Applicable	*Grevillea*	*hybrid*	James Walter Carter and Elva Lorraine Carter trading as Carters Tubes	13/11/2025
2003/174	Joanna Red	Japanese Plum	Not Applicable	*Prunus*	*salicina*	Zaiger's Inc. Genetics	14/11/2025
2000/196	Genstar	Red Clover	Not Applicable	*Trifolium*	*pratense*	University of Western Australia	12/11/2025
2008/163	MULTIRED 4	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/11/2025
2016/321	AL03	Aloe	Not Applicable	*Aloe*	*hybrid*	Charles Andrew De Wet	13/11/2025
2014/176	NITAFLASH	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/10/2025
2014/251	Bute	Potato	Not Applicable	*Solanum*	*tuberosum*	Caithness Potatoes Holding BV, UK	03/10/2025
2012/080	Q250	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2012/100	FL 2126	Potato	Not Applicable	*Solanum*	*tuberosum*	Frito-Lay North America Inc	21/11/2025
2005/111	Little Red	Paperbark	Not Applicable	*Melaleuca*	*linariifolia*	Unique Plants	03/11/2025
2003/372	Autumn Fire	Nectarine	Not Applicable	*Prunus*	*persica var. nucipersica*	Zaiger's Inc. Genetics	14/11/2025
2006/357	Flavor Royale	Prunus - Interspecific Plum	Not Applicable	*Prunus*	*salicina x armeniaca*	Zaiger's Inc. Genetics	14/11/2025
2017/329	ANDgol		Not Applicable	*Aloe*	*hybrid*	Charles Andrew de Wet	12/11/2025
2011/135	Skye	Nectarine	Not Applicable	*Prunus*	*persica var. nucipersica*	Stargrow Cultivar Development	14/11/2025
2017/306	CAMMEO	Potato	Not Applicable	*Solanum*	*tuberosum*	Caithness Potatoes Holding BV	03/10/2025
2006/359	Wescot	Interspecific apricot	Not Applicable	*Prunus*	*hybrid*	Zaiger's Inc. Genetics	14/11/2025
2009/091	SYMPHONY	Globe Artichoke	Not Applicable	*Cynara*	*scolymus*	Nunhems B.V.	03/11/2025
2003/093	Oakville Highlight	Sweet Gum	Not Applicable	*Liquidambar*	*styraciflua*	Vic John Ciccolella	14/11/2025

2011/013	Cabot	French bean	Not Applicable	*Phaseolus*	*vulgaris*	Harris Moran Seed Company	12/11/2025
2013/074	ABCRD02	Winter Rose	Not Applicable	*Helleborus*	*hybrid*	Lynda Windsor	10/09/2025
2007/219	Q233	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2018/234	ADORION	Tomato	Not Applicable	*Solanum*	*lycopersicum*	Nunhems B.V.	14/11/2025
2001/154	Simmo 1	Avocado	Not Applicable	*Persea*	*americana*	Ronald Arthur Simpson and Fay Leone Simpson	03/10/2025
2009/241	Sweet Juana	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2007/057	Glacier	Peach	Not Applicable	*Prunus*	*persica*	Zaiger's Inc. Genetics	14/11/2025
2007/223	Q235	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2009/352	Lemon Twist	New Zealand Christmas Tree	Not Applicable	*Metrosideros*	*excelsa*	Quito Pty Ltd	03/11/2025
2001/064	Vera Deep Purple	Bougainvillea	Not Applicable	*Bougainvillea*	*spectabilis*	RijnPlant IP B.V.	13/11/2025
2007/089	Page	Peanut	Not Applicable	*Arachis*	*hypogaea*	University of Florida Agricultural Experiment Station	21/10/2025
2010/168	Intred	Lettuce	Not Applicable	*Lactuca*	*sativa*	Nunhems B.V.	03/10/2025
2011/169	Q246	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	10/10/2025
2013/208	Q256	Sugarcane	Not Applicable	*Saccharum*	*hybrid*	Sugar Research Australia Limited (SRA)	13/10/2025
2015/349	Robleu	Azalea	Not Applicable	*Rhododendron*	*hybrid*	Thomas Dennis Meadows, Jr.	03/11/2025
2018/016	Amigo-590.02.7	Potato	Not Applicable	*Solanum*	*tuberosum*	SIPRE	14/11/2025
2015/263	'Harbour Lights'	Jade Plant	Not Applicable	*Crassula*	*ovata*	The Great Australian Succulent Company Pty Ltd	14/11/2025

Grants Expired

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Expiry Date
2001/354	Cloudy Days	Agapanthus	Not Applicable	*Agapanthus*	*orientalis*	John Maxwell and Gail Alexis Craigie	27/09/2025
2003/231	Mitika	Oats	Not Applicable	*Avena*	*sativa*	Minister for Agriculture, Food and Fisheries	21/09/2025
2003/290	TR20	Flax lily	Not Applicable	*Dianella*	*tasmanica*	Ozbreed Pty Ltd	18/10/2025
2003/301	Rodeo	Potato	Not Applicable	*Solanum*	*tuberosum*	H. Mulder	27/09/2025
2003/293	DCNCO	Blue Flax-Lily	Not Applicable	*Dianella*	*caerulea*	Ozbreed Pty Ltd	18/10/2025
2002/107	White Crown	Giant Protea	Not Applicable	*Protea*	*cynaroides*	Ausflora Pty Ltd	21/09/2025
2003/353	Molly	Grevillea	Not Applicable	*Grevillea*	*hybrid*	Touch of Class Plants Pty Ltd	21/09/2025
2003/292	DCMP01	Blue Flax-Lily	Not Applicable	*Dianella*	*caerulea*	Ozbreed Pty Ltd	18/10/2025
2003/294	Goldfever	Grevillea	Not Applicable	*Grevillea*	*hybrid*	Peter James Ollerenshaw	21/09/2025
2003/162	Frenchette	French Lavender	Not Applicable	*Lavandula*	*dentata*	David Burt	21/09/2025
2003/289	DRG04	Spreading Flax-Lily	Not Applicable	*Dianella*	*revoluta*	Ozbreed Pty Ltd	18/10/2025
2004/217	EGA Gregory	Wheat	Not Applicable	*Triticum*	*aestivum*	The State of Queensland acting through the Department of Primary Industries, Department of Primary Industries New South Wales, Grains Research and Development Corporation	18/10/2025
2003/291	DBB03	Blue Flax-Lily	Not Applicable	*Dianella*	*caerulea*	Ozbreed Pty Ltd	18/10/2025
2003/300	Carrera	Potato	Not Applicable	*Solanum*	*tuberosum*	IPR B.V.	27/09/2025
2004/079	DT23	Flax lily	Not Applicable	*Dianella*	*tasmanica*	Ozbreed Pty Ltd	18/10/2025

2001/185	Sunmandeho	Mandevilla	White Fantasy	*Mandevilla*	*hybrid*	Suntory Flowers Limited	08/11/2025
2002/132	DR5000	Spreading Flax-Lily	Not Applicable	*Dianella*	*revoluta*	Ozbreed Pty Ltd	18/10/2025

Change of Applicant Name

Notices of Applicant/Co-Applicant Name Changes

The co-applicant Colin Richard Jeacocke has been removed from the following list of PBR application numbers with Gail Dorothy Jeacocke as the sole applicant. Records for these applications have been amended from 'Colin Richard Jeacocke; Gail Dorothy Jeacocke' to 'Gail Dorothy Jeacocke'.

2015/150 2023/243 2023/244

The applicant or co-applicant for the following list of PBR application numbers was changed from 'The State of Queensland acting through DAF' to 'The State of Queensland acting through the Department of Primary Industries'.

2017/016	2005/353	2007/308	2001/176	2017/018	2017/278	2006/172	2017/093	2022/245	2017/170	2012/149	1998/243	2021/152
2017/019	2010/174	2006/007	2012/023	2017/021	2008/250	2013/312	2015/215	2022/243	2021/153	2016/070	2017/017	2022/244
2017/020	1998/018	2018/045	2018/048	2018/047	2005/275	2018/044	2018/050	2022/241	2023/163	2013/202	2017/280	2010/172
2004/331	2023/069	2005/252	2024/036	2017/279	2005/276	2005/278	2008/265	2022/242	2021/151	2014/068	2015/216	2018/049
2007/036	2024/035	2005/302	2004/339	2017/281	2017/063	2008/253	2023/162	2018/046	2021/150			

Transfer/Assignment of Rights

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
2021/030	Sheegene 104	Grape vine		*Vitis*	*vinifera*	Sheehan Genetics Australia Pty Ltd	Bloom Fresh International Limited	25/09/2025
2021/059	Sheegene 105	Grape vine		*Vitis*	*vinifera*	Sheehan Genetics Australia Pty Ltd	Bloom Fresh International Limited	25/09/2025
2014/237	CHA	Industrial Hemp		*Cannabis*	*sativa*	Ecofibre Limited	Ecofibre Genetics Pty Ltd	20/10/2025
2014/236	CHG MS77	Industrial Hemp		*Cannabis*	*sativa*	Ecofibre Limited	Ecofibre Genetics Pty Ltd	20/10/2025
2011/015	Deuagold	Grevillea		*Grevillea*	*hybrid*	Michael Wood	Tarrawood Pty Ltd	21/10/2025
2010/269	CHG	Industrial Hemp		*Cannabis*	*sativa*	Ecofibre Limited	Ecofibre Genetics Pty Ltd	20/10/2025
2010/165	Silversunrise	Grey cottonhead		*Conostylis*	*candicans*	Michael Wood	Tarrawood Pty Ltd	21/10/2025
2019/026	Sheegene 103	Grape vine		*Vitis*	*vinifera*	Sheehan Genetics Australia Pty Ltd	Bloom Fresh International Limited	25/09/2025
2019/025	Sheegene 102	Grape vine		*Vitis*	*vinifera*	Sheehan Genetics Australia Pty Ltd	Bloom Fresh International Limited	25/09/2025
2014/238	CHY	Industrial Hemp		*Cannabis*	*sativa*	Ecofibre Limited	Ecofibre Genetics Pty Ltd	20/10/2025
2019/196	ECO-Excalibur	Industrial Hemp		*Cannabis*	*sativa*	Ecofibre Limited	Ecofibre Genetics Pty Ltd	20/10/2025
2019/024	Sheegene 101	Grape vine		*Vitis*	*vinifera*	Sheehan Genetics Australia Pty Ltd	Bloom Fresh International Limited	25/09/2025
2021/129	Wanectone	Nectarine	H5.095	*Prunus*	*Persica* var. *nucipersica*	Wawona Packing Co., LLC	Mossmont Stone Fruit	18/11/2024

							Importers Pty Ltd	
2021/159	Wanecttwo	Nectarine	H1.031	*Prunus*	*Persica var. nucipersica*	Wawona Packing Co., LLC	Mossmont Stone Fruit Importers Pty Ltd	18/11/2024
2022/217	Wanectfive	Nectarine	V5.055.119	*Prunus*	*Persica var. nucipersica*	Wawona Packing Co., LLC	Mossmont Stone Fruit Importers Pty Ltd	18/11/2024
2022/284	Warootone	Almond x Peach clonal rootstock		*Prunus*	*hybrid*	Wawona Packing Co., LLC	Mossmont Stone Fruit Importers Pty Ltd	18/11/2024

Change or Nomination of Agent

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
2007/098	AUSTANGO	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2014/025	Auskitchen	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2014/307	Ausnoble	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	07/10/2025
2021/280	AUSCARTOON	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	08/10/2025
2014/342	PE-6.2036	Strawberry	ARABELLA	*Fragaria*	*xananassa*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	16/10/2025
2012/041	GRANDEUR	Raspberry		*Rubus*	*ideaus*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	16/10/2025
2023/235	PS-10.1160	Strawberry		*Fragaria*	*x ananassa*	Red Jewel Fruit Management Pty. Ltd.	Red Jewel Berry Plants Pty Ltd	17/10/2025
2002/072	Ausromeo	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	21/10/2025
2012/029	AUSBREEZE	Rose		*Rosa*	*hybrid*		Wagners Rose Nursery Pty Ltd	22/10/2025
2014/295	Ausblanket	Rose		*Rosa*	*hybrid*		Wagners Rose Nursery Pty Ltd	22/10/2025
2006/060	Ausdisco	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	23/09/2025

2017/072	AUSBRASS	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	23/09/2025
2020/091	AUSOWLISH	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2025/040	AUSERNIE	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	29/09/2025
2021/036	Nobility	Raspberry		*Rubus*	*idaeus*	Red Jewel Fruit Managament Pty Ltd.	Red Jewel Berry Plants Pty Ltd	17/10/2025
2007/099	AUSHOMER	Rose		*Rosa*	*hybrid*		Wagners Rose Nursery Pty Ltd	22/10/2025
2004/130	Ausgrab	Rose		*Rosa*	*hybrid*	Leigh Siebler	Wagners Rose Nursery Pty Ltd	21/09/2025
2017/118	Ausmobile	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	22/09/2025
2021/282	AUSTULLIVER	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	23/09/2025
2009/033	AUSRELATE	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	10/09/2025
2018/093	AUSMIXTURE	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2024/019	AUSRAVELOE	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2018/001	Yotsuboshi	Strawberry		*Fragaria*	*x ananassa*	Berry Sensation Pty Ltd	Agrisano Fresh Pty Ltd	16/09/2025
2021/088	AUSEASEL	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	08/10/2025

2012/030	AUSVIBRANT	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	22/10/2025
2012/263	Ausjosiah	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	24/09/2025
2018/095	AUSWHIRL	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	25/09/2025
2009/035	AUSRIMINI	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2017/073	AUSWINSTON	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	08/10/2025
2014/341	BG-3.324	Strawberry	CONFIDENCE	*Fragaria*	*xananassa*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	16/10/2025
2021/239	INSPIRE	Strawberry		*Fragaria*	*x ananassa*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	16/10/2025
2023/217	BG-9.3147	Strawberry		*Fragaria*	*x ananassa Duchesne ex Rozier*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	16/10/2025
2023/236	Endurance	Raspberry		*Rubus*	*idaeus*	Red Jewel Fruit Management Pty Ltd	Red Jewel Berry Plants Pty Ltd	17/10/2025
2021/037	RENEWAL	Strawberry		*Fragaria*	*xananassa Duch.*	Red Jewel Fruit Management Pty Ltd.	Red Jewel Berry Plants Pty Ltd	17/10/2025
2022/100	Moshan Xiong 2	Kiwifruit		*Actinidia*	*chinensis*	Foote Intellectual Property Limited	IP Flourish	26/10/2025
2010/074	Ausbernard	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	10/09/2025

2010/073	Ausmerchant	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2012/264	Ausnyson	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	11/09/2025
2025/039	AUSMAJESTY	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	29/09/2025
2025/032	AUSPITAL	Rose		*Rosa*	*hybrid*	Siebler Publishing Services	Wagners Rose Nursery Pty Ltd	29/09/2025
2004/131	Ausbonny	Rose		*Rosa*	*hybrid*	Leigh Siebler	Wagners Rose Nursery Pty Ltd	08/10/2025
2020/283	AUS-MAJESTIC	Raspberry		*Rubus*	*idaeus*	Red Jewel Fruit Managament Pty Ltd.	Red Jewel Berry Plants Pty Ltd	16/10/2025

Denomination (Variety Name) Changes

Application Number	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
2024/268	Strawberry		*Fragaria*	*x ananassa Duchesne ex Rozier*	Lady Izzy	Lady Isabella	15/09/2025
2023/176	Waxflower		*Chamelaucium*	*uncinatum*	Megan	Meghan	24/11/2025

Change/Addition of Synonym

Application Number	Variety Name	Common Name	Genus	Species	Changed From	Changed To	Date of Change
2024/268	Lady Isabella	Strawberry	*Fragaria*	*x ananassa Duchesne ex Rozier*		Lady Izzy	15/09/2025

Corrigenda

Barley

Hordeum vulgare subsp. Vulgare

Application number: 2025/129

'Ember'

In the Acceptance table published in the Plant Varieties Journal Vol. 38 No. 2, the botanical name of the variety should read Hordeum vulgare subsp. Vulgare.

Barley

Hordeum vulgare subsp. Vulgare

Application number: 2025/133

'Soldier'

In the Acceptance table published in the Plant Varieties Journal Vol. 38 No. 2, the botanical name of the variety should read Hordeum vulgare subsp. Vulgare.

Lettuce

Lactuca sativa

Application number: 2025/046

'LUMIREX'

In the variety description published in the Plant Varieties Journal Vol. 38 No. 2, in the "Variety Description and Distinctness" section under "Organ/Plant Part: Context", "Bl: 44EU" has been replaced with "Bl: 40EU".

Appendices

- Appendix 1 - Index of Accredited Consultant ‘Qualified Persons’
- Appendix 2 – Index of Accredited Non-Consultant ‘Qualified Persons’
- Appendix 3- Centralised Testing Centres
- Appendix 4 – Register of Plant Varieties

Appendix 1 - Index of Accredited Consultant ‘Qualified Persons’

The following link https://www.ipaustralia.gov.au/tools-resources/qualified-persons-directory is a directory of Consultant QPs

Appendix 2 – Index of Accredited Non-Consultant 'Qualified Persons'

Last Name	First Name
Manrique	Mary
Balmain	Kylie
Rogers	Joseph
Jowitt	Anita
Kammholz	Stephen
Anderson	Graham
Torpy	Brendan
Webb	Chantelle
Martin	William
Arkinstall	Sean
Ansari	Omid
Fitzgibbon	John
Coventry	Stewart
Jupp	Noel
Cecil	Andrew
van Popering	Jonathan
Peck	David
McIvor	Katie
Liu	Ming-Chung
Todd	Peter
Peck	Gavin
Tancred	Stephen
Paull	Jeffrey
van den Berg	Louisa
Granger	Andrew
Clothier	Damien
Real	Daniel
Nagel	Stuart
Clayton-Greene	Kevin
Manson	Daniel
O'Leary	Finbarr
Collins	David
Tabah	David
Kaehne	Ian
Harmer	Martin
Smark	Jordan
Campbell	David
Boorman	Des
Neal	Jodi
Madsen	Dean
Senior	Michael
Kitson	Elizabeth
Snell	Peter
Chesher	Wayne
Clifton	Hannah
Rayner	Kenneth

Shunmugam	Arun
Templeton	Kerry
Gunther	Tom
Bunker	John
Huang	Che-Lun
Newman	Allen
Liu	Ming-Chi
Topp	Bruce
Ali	Asjad
Wankhade	Ankush
Cutri	Gaethan
Sabampillai	Mahendraraj
Harrison	Robert
Palau	Benjamin
Lee Chang	Kim
Willey	Nicholas
Lee	Jou-Yi
Roche	Matthew
Pandey	Babu
Cameron	Nick
Syrus	Kim
Pressler	Craig
Chang	Yi-Lung
Trautwein	Michael
An	Chih-Hao
Adams	Rebecca
Ahmad	Maqbool
Chang	Sheng-Chih
Chu	Yu-Ying
Tefera	Abeya
Graetz	Darren
Box	Amanda
Gillies	Leanne
Hobson	Kristy
Winter	Bruce
Pike	Elise
Nemire	Bryan
Kenel	Fernand
Esmi	Ebrahim
Rasmussen	Jay
March	Timothy
Turner	Janice
Bignell	Grant
Materne	Michael
Porter	Gavin
Nichols	Phillip
Proud	Christopher
Tsai	Yu-Ching
Lee	Jodie
Moisander	Jennifer

Stiller	Warwick
Watson	David
Fidgeon	Jesse
Kretzschmar	Tobias
Clingeleffer	Peter
Smith	Malcolm
Smith	Chris
O'Connor	Katie
Ullah	Smi
Sayle	Riley
Dilag	Calixto
Francis	Matt
Lacey	Kevin
Dewar	Matthew
Ko	Yu-Cheng
Downe	Graeme

Appendix 3- Centralised Testing Centres

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growing's. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts, and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are available which adds flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

A CTC will establish, conduct and report each trial on behalf of the applicant. CTCs have a high level of experience in the particular genera they are authorised to test, and a successful history of growing trials for PBR assessment. Therefore, CTC trials are expected to be more rigorous and less likely to require re-trials and multiple visits by a PBR examiner. The use of CTCs for multiple candidate varieties in a single comprehensive trial may provide further advantages in terms of economies of scale and commensurate cost savings.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when one or more candidate varieties are tested, each will qualify for the CTC examination fee of $920. This is a saving of more than 40% over the normal fee of $1610.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically and may be withdrawn at any time if considered no longer suitable, inactive or the listed Qualified Person(s) are no longer accredited. The onus is on the CTC establishment to contact the PBR Office if their authorisation details change. If authorisation is withdrawn then a new application will be necessary if re-authorisation is required.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

REQUESTS FOR AUTHORISATION AS A CENTRALISED TESTING CENTRE

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met: **Appropriate facilities**

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again, dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shade house, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the trial the relevant UPOV protocols, technical guideline or national descriptor for the genus should be followed. Where necessary the establishment and conduct of the trial can be discussed with the PBR office.

Industry support

Details of requests for authorisation as a CTC will be published as pending in the Plant Varieties Journal for a period of 3 months. If no adverse comments are received after this period it will be assumed that there are no particular concerns in the industry regarding the authorisation. Evidence of industry support can be supplied in support and maybe required if any adverse comments are received.

Long-term storage of genetic material

Applicants nominate where their material is to be maintained prior to grant. However, depending upon the genus, a CTC may be in a position to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted inwriting by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC per state will be authorised to test a genus. Special circumstances may exist (such as environmental factors or quarantine) to allow more than one CTC per genus, though a special case will need to be made to the PBR office.

Authorised Centralised Test Centres (CTCs)

Following publication of requests for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditat ionon	Next review date
Bureau of Sugar Experiment Stations	Cairns,Tull, Ingham,Ayr,Mackay, Bundaberg,Brisbane, QLD	Saccharum	Field, glasshouse, tissue culture, pathology	George Piperidis	3/06/2020	1/12/2022
ParadisePlants	Kulnura,NSW	Camellia, Lavandula, Osotha mnus, Ceratopetalum	Field, glasshouse, shade house,irrigation	J. Robb	31/12/1998	1/12/2022
PrescottRoses	Berwick,VIC	Rosa	Field, controlled environment	C. Prescott	31/12/1998	1/12/2022
Ramm Botanicals	KangyAngy, NSW	Anigozanthos	Tissue culture, environment controlled greenhouse; extensive outdoor and shade house areas	Hannah Clifton	10/02/2012	1/12/2022
Solan Pty Ltd	Waikerie SA	Solanum tuberosum	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	1/12/2022

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditat ionon	Next review date
Tahune Fields Nursery	Huon Valley Southern Tasmania	Pome Fruit	Comprehensive equipment and facilities for large scale propagation, growing, conditioning, storage, marketing and transport	G. Brown	12/03/2015	1/12/2022
Agronico Technology Pty Ltd	Leith, TAS	Solanum tuberosum	Access to tissue culture storage and mini tuber production facilities (VICSPA accredited),for storing and multiplying varieties in preparation for testing	Stewart McKay, James Hills	7/04/2016	1/12/2022
G Crumpton& Sons & Co Pty Ltd	Crawford,QLD	Duboisia	Comprehensive growing facilities	D. Loch	13/12/2016	1/12/2022
DriscollsAustraliaPty Ltd	Palmwoods,QLD	Fragaria spp., Vaccinium spp., Rubus spp.	Irrigated fieldtrial areas, laboratory facilities, glasshouse	Jennifer Moisander	13/12/2016	1/12/2022
GrapeCoPty Ltd	South Merbein,VIC	Vitis vinifera (Table Grapeonly)	Drip irrigation.Cool rooms are being installed	Ms Alison MacGregor	24/03/2022	1/02/2022

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditat ionon	Next review date
Australian HorticulturalServices	Wonga Park, VIC	Lavandula	Indoor and out growing areas	M. Lunghusen	19/12/2018	1/12/2022
Haar's Nursery	Somerville,VIC	Erysimum, Impatiens** Nemesia	Propagation greenhouses;indoor and outdoor growing areas	M. Lunghusen	19/12/2018	1/12/2020
Australian HorticulturalServices	5 Lower HomesteadRd Wonga Park, VIC3115	Lagerstroemia	Outdoor and indoor growingareas	M. Lunghusen	13/08/2021	1/12/2022
DriscollsAustraliaPty Ltd	Palmwoods,QLD	Fragaria spp., Vaccinium spp., Rubus spp.	Irrigated fieldtrial areas, laboratory facilities, glasshouse	Jennifer Moisander	13/12/2016	1/12/2022
GrapeCoPty Ltd	South Merbein,VIC	Vitis vinifera (Table Grapeonly)	Drip irrigation.Cool rooms are being installed	Ms Alison MacGregor	24/03/2022	1/02/2022
Australian HorticulturalServices	Wonga Park, VIC	Lavandula	Indoor and out growing areas	M. Lunghusen	19/12/2018	1/12/2022

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditat ionon	Next review date
Haar's Nursery	Somerville,VIC	Erysimum, Impatiens**Nemesia	Propagation greenhouses;indoor and outdoor growing areas	M. Lunghusen	19/12/2018	1/12/2020
Australian HorticulturalServices	5 Lower HomesteadRd Wonga Park, VIC3115	Lagerstroemia	Outdoor and indoor growingareas	M. Lunghusen	13/08/2021	1/12/2022

Appendix 4 – Register of Plant Varieties

The Register of Plant Varieties contains the legal description of varieties granted Plant Breeder's Rights. These details are freely accessible through the Australian Plant breeder's rights search. A copy of an entry in the Register may be purchased by contacting the PBR office at pbr@ipaustralia.gov.au