



Australian Government
IP Australia

Plant Breeder's Rights

**Plant Varieties
Journal**



Plant Varieties Journal

Official Journal of Plant Breeder's Rights Office

Volume 38 Number 5

ISSN: 1030-9748

Date of Publication: 14 May 2026



Australian Government

IP Australia

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 5) are listed below:

Contents

Acceptances

Rejections

Variety Descriptions

Grants

Refusals

Applications Withdrawn

Grants Revoked

Grants Surrendered

Grants Expired

Change of Applicant Name

Transfer/Assignment of Rights

Change or Nomination of Agent

Denomination (Variety Name) Changes

Change/Addition of Synonym

Corrigenda

Appendices

Appendix 1 - Index of Accredited Consultant 'Qualified Persons'

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

Appendix 3- Centralised Testing Centres

Authorised Centralised Test Centres (CTCs)

Appendix 4 – Register of Plant Varieties

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
2026/020	Moonbeam	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	IPR B.V.	25/03/2026
2026/021	KPPLUM	Kangaroo Paw	Not Applicable	<i>Anigozanthos</i>		Botanic Gardens and Parks Authority	07/04/2026
2026/005	CLASIC	Cauliflower	Not Applicable	<i>Brassica</i>	<i>oleracea</i> L. convar. <i>Botrytis</i> (L) Alef. Var. <i>botrytis</i>	Syngenta Crop Protection AG	31/03/2026
2025/239	AR153	Fungal endophyte	Not Applicable	<i>Epichloe</i>	<i>festucae</i> var. <i>lolii</i>	Grasslanz Technology Ltd	25/03/2026
2025/216	DWAgHyb05	Agapanthus	Not Applicable	<i>Agapanthus</i>	<i>hybrid</i>	De Wet Plant Breeders (Pty) Ltd.	20/03/2026
2025/106	131-8-13N	Tangor	Not Applicable	<i>Citrus</i>	<i>reticulata</i> x <i>Citrus sinensis</i>	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	23/02/2026
2025/236	C16-101	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>corymbosum</i> hybrid	Costa Berry International Pty Ltd, Florida Foundation Seed Producers Inc	23/03/2026
2026/023	LM604	Spiny Headed Mat Rush	Not Applicable	<i>Lomandra</i>	<i>longifolia</i>	Ozbreed Greenlife Pty Ltd	02/04/2026
2026/035	Q18-017	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>corymbosum</i> hybrid	Costa Berry International Pty Ltd, Florida Foundation Seed Producers Inc	01/04/2026
2024/264	KPSUNB	Kangaroo Paw	Not Applicable	<i>Anigozanthos</i>		Botanic Gardens and Parks Authority	17/03/2026
2026/026	CALADO	Cucumber	Not Applicable	<i>Cucumis</i>	<i>sativus</i>	Nunhems B.V.	02/04/2026

2025/244	ERRANTE NOIR	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	The Regents of the University of California	03/03/2026
2025/235	KM-MG24	Matt Rush	Not Applicable	<i>Lomandra</i>	<i>longifolia</i>	Jennifer Miner, Keith Miner	03/03/2026
2025/114	HCM-1	Tangor	Not Applicable	<i>Citrus</i>	<i>reticulata x Citrus sinensis</i>	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	25/03/2026
2025/220	V84031	Sweet Cherry	Not Applicable	<i>Prunus</i>	<i>avium</i>	The University of Guelph	18/02/2026
2026/014	First Rose Lady	Apple	Not Applicable	<i>Malus</i>	<i>domestica</i>	Fruit Varieties International	05/03/2026
2025/254	Ben05	Subterranean Clover	Not Applicable	<i>Trifolium</i>	<i>subterraneum ssp brachycalycinum</i>	Minister for Primary Industries and Regional Development (Acting through SARDI)	27/02/2026
2025/243	CAMMINARE NOIR	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	The Regents of the University of California	03/03/2026
2026/039	SVVB2646	Spinach	Not Applicable	<i>Spinacia</i>	<i>oleracea L.</i>	Seminis Vegetable Seeds, Inc.	10/04/2026
2026/022	KPFLAM	Kangaroo Paw	Not Applicable	<i>Anigozanthos</i>		Botanic Gardens and Parks Authority	02/04/2026
2025/115	HCM-CP	Tangor	Not Applicable	<i>Citrus</i>	<i>reticulata x Citrus sinensis</i>	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	26/03/2026
2026/034	C18-153	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>corymbosum hybrid</i>	Costa Berry International Pty Ltd, Florida Foundation Seed Producers Inc	01/04/2026
2025/262	IB111-2	Lilly Pilly	Cheeky Merlot	<i>Syzygium</i>	<i>smithii</i>	Hy-BredX	19/02/2026

2025/205	ACB24T581	Cannabis	Not Applicable	<i>Cannabis</i>	<i>sativa</i>	Aurora Cannabis Enterprises Inc.	10/03/2026
2026/016	AC 497 076	kiwifruit	Not Applicable	<i>Actinidia</i>	<i>chinensis Planch</i>	Università degli Studi di Udine	03/03/2026
2025/202	ACB22T084	Cannabis	Not Applicable	<i>Cannabis</i>	<i>sativa</i>	Aurora Cannabis Enterprises Inc.	26/02/2026
2026/003	DPI282	Pigeonpea	Not Applicable	<i>Cajanus</i>	<i>cajan</i>	International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)	23/02/2026
2026/027	C19-119	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>corymbosum hybrid</i>	Florida Foundation Seed Producers Inc, Costa Berry International Pty Ltd	31/03/2026
2026/015	RASMUSSEN	Lettuce	Not Applicable	<i>Lactuca</i>	<i>sativa</i>	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	03/03/2026
2025/113	911-59s	Tangor	Not Applicable	<i>Citrus</i>	<i>reticulata x Citrus sinensis</i>	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	25/03/2026
2024/214	EC BEGO 2305	Cane Begonia	Not Applicable	<i>Begonia</i>	<i>maculata</i>	Eden Collection B.V.	27/03/2026
2026/036	Q19-005	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>corymbosum hybrid</i>	Florida Foundation Seed Producers Inc, Costa Berry International Pty Ltd	02/04/2026
2025/116	HCP-3	Tangor	Not Applicable	<i>Citrus</i>	<i>reticulata x Citrus sinensis</i>	Craig Robert Pressler as Trustee for C & B Pressler Family Trust	26/03/2026
2025/242	CAMINANTE BLANC	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	The Regents of the University of California	20/02/2026
2025/257	FLATRUMBA	White Flat Peach	Not Applicable	<i>Prunus</i>	<i>persica</i>	Agro Selections Fruits SAS	23/02/2026
2025/191	DwGzHy01	Gazania	Not Applicable	<i>Gazania</i>	<i>hybrid</i>	De Wet Plant Breeders (Pty) Ltd.	03/03/2026

2025/223	FL 2505	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	Frito-Lay North America, Inc.	26/02/2026
2025/245	PASEANTE NOIR	Grape vine	09331-047	<i>Vitis</i>	<i>vinifera</i>	The Regents of the University of California	03/03/2026
2025/261	IB104-3	Lilly Pilly	Cheeky Little Red	<i>Syzygium</i>	<i>australe</i>	Hy-BredX	19/02/2026

Rejections

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

Variety Descriptions

Application Number	Botanical Name	Proposed Variety Name
2013/089	<i>Rubus idaeus</i>	'BP1'
2013/214	<i>Anigozanthos rufus</i>	'ARS01'
2015/288	<i>Delosperma nubigenum</i>	'WOW20111'
2016/154	<i>Vitis vinifera</i>	'ValleyPearl'
2017/128	<i>Mandevilla</i> hybrid	'Sunpararekin'
2018/181	<i>Lactuca sativa</i>	'Icemaker'
2018/289	<i>Malus domestica</i>	'Ladina'
2019/174	<i>Scaevola aemula</i>	'Bonsca 1433'
2019/216	<i>Prunus avium</i>	'Yamagata C12 Go'
2020/298	<i>Rubus idaeus</i>	'Kokanee'
2021/064	<i>Hydrangea macrophylla</i>	'HORE0007'
2021/065	<i>Hydrangea macrophylla</i>	'HORE0046'
2021/066	<i>Hydrangea macrophylla</i>	'HORE0034'
2021/067	<i>Hydrangea macrophylla</i>	'HORE0031'
2021/071	<i>Capsicum annuum</i>	'Macuba'
2021/134	<i>Hydrangea macrophylla</i>	'Hortmamore'
2021/181	<i>Rubus idaeus</i>	'EMR 20171'
2021/182	<i>Rubus idaeus</i>	'EMR 20172'
2021/183	<i>Hydrangea macrophylla</i>	'HORTMAGICRI'
2021/280	<i>Rosa</i> hybrid	'AUSCARTOON'
2021/281	<i>Rosa</i> hybrid	'AUSEARNSHAW'
2022/026	<i>Lolium perenne</i>	'4front'
2022/059	<i>Vitis vinifera</i>	'37-14-03-04-R1'
2022/060	<i>Vitis vinifera</i>	'37-15-06-04-R10'
2022/068	<i>Malus domestica</i>	'Y101'
2022/153	<i>Trifolium repens</i>	'Emblem'
2022/157	<i>Solanum lycopersicum</i>	'CANOVA'
2022/195	<i>Trifolium subterraneum</i> var. <i>yannicum</i>	'Franklin'
2022/196	<i>Trifolium subterraneum</i> var. <i>subterraneum</i>	'Edison'

2022/197	<i>Trifolium subterraneum var. subterraneum</i>	'Carver'
2022/290	<i>Avena sativa</i>	'RGT SOUTHWARK'
2023/027	<i>Lactuca sativa</i>	'PRIMECUT'
2023/052	<i>Rhodanthemum hybrid</i>	'IB 910-30'
2023/121	<i>Fragaria x ananassa Duchesne ex Rozier</i>	'FANDANGO'
2023/184	<i>Malus domestica</i>	'PremA093'
2023/185	<i>Rhodanthemum hybrid</i>	'IB 910-20'
2023/187	<i>Rhodanthemum hybrid</i>	'IB 009-4'
2023/199	<i>Triticum aestivum</i>	'Intrigue'
2023/200	<i>Vitis vinifera</i>	'Murray Bold'
2023/202	<i>Cucurbita moschata</i>	'JUMBUCK'
2023/235	<i>Fragaria x ananassa</i>	'PS-10.1160'
2024/013	<i>Syzygium australe</i>	'Up and Away'
2024/085	<i>Solanum lycopersicum</i> × <i>S. habrochaites</i>	'ENCATCHER'
2024/100	<i>Triticum aestivum</i>	'Brighton'
2024/102	<i>Triticum aestivum</i>	'Ironbark'
2024/103	<i>Triticum aestivum</i>	'Avoca'
2024/104	<i>Triticum aestivum</i>	'Rottnest'
2024/105	<i>Triticum aestivum</i>	'Shotgun'
2024/144	<i>Spinacia oleracea</i>	'PMSP220867472'
2024/184	<i>Armeria pseudarmeria</i>	'Happy Dreams'
2024/202	<i>Cucumis melo</i>	'FRANKIE'
2024/207	<i>Epichloe festucae var. lolii</i>	'AR128'
2024/208	<i>Saccharum hybrid</i>	'SRA42'
2024/209	<i>Saccharum hybrid</i>	'SRA44'
2024/242	<i>Lactuca sativa</i>	'DAFEX'
2024/260	<i>Fragaria x ananassa</i>	'LIMORE ONE'
2024/264	<i>Anigozanthos</i>	'KPSUNB'
2025/017	<i>Lactuca sativa</i>	'RUBYCUT'
2025/061	<i>Brassica napus</i>	'AGT-Insurgent TT'
2025/062	<i>Triticum aestivum</i>	'AGT-Hamelin'
2025/063	<i>Triticum aestivum</i>	'AGT-Carnac'

2025/076	<i>Hordeum vulgare</i>	'AGT-Bunyip IA'
2025/090	<i>Triticum aestivum</i>	'AGT-Colt'
2025/091	<i>Triticum turgidum</i>	'AGT-Banker'
2025/092	<i>Triticum turgidum</i>	'AGT-Rimfire'
2025/093	<i>Triticum aestivum</i>	'AGT-Kudos'
2025/094	<i>Triticum aestivum</i>	'AGT-Rio'
2025/095	<i>Triticum aestivum</i>	'AGT-Montana'
2025/180	<i>Cucumis sativus</i>	'KISMET'
2025/181	<i>Saccharum</i> hybrid	'SRA43'
2025/182	<i>Saccharum</i> hybrid	'SRAW46'
2025/183	<i>Saccharum</i> hybrid	'SRA45'
2025/184	<i>Saccharum</i> hybrid	'SRA47'
2025/185	<i>Saccharum</i> hybrid	'SRA48'
2025/221	<i>Passiflora edulis</i>	'Nova'
2025/222	<i>Passiflora edulis</i>	'AGN/SEN-001'
2025/231	<i>Solanum lycopersicum</i>	'REXOSO'

Details of Application

Application Number	2013/089
Variety Name	'BP1'
Genus Species	<i>Rubus idaeus</i>
Common Name	Raspberry
Accepted Date	17-May-2013
Applicant	BERRYPLANT di Grisenti Maria Maddalena & C. s.s., Baselga Di Pine, Italy.
Agent	Crop and Nursery Services, Central Coast, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	20090851
Location	Prufstelle Wurzen, Germany
Descriptor	TG/43/7
Period	2012-2013
Conditions	according to CPVO-TP/043/1 and UPOV TG/43/7 (2003)
Trial Design	according to CPVO-TP/043/1 and UPOV TG/43/7 (2003)
Measurements	according to CPVO-TP/043/1 and UPOV TG/43/7 (2003)

RHS Chart - edition**Origin and Breeding**

Controlled pollination: seed parent 'POLKA' with pollen parent 'Tulameen' in 2005. Final selection in 2006. The seed parent is characterised by violet coloured canes, difficult picking and acid, sour fruit. The pollen parent is characterised by florican type, strong growth vigour, bright red fruit colour and few spines on stems. Selection criteria: primocane variety with large fruit size, good fruit taste, good shelf life, easy picking suited to the fresh fruit market. Propagation: vegetative by cuttings and micropropagation. Breeder: Maria Maddalena Grisenti, Baselga Di Pine, Italy.

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
Very young shoot	anthocyanin colouration of apex during rapid growth	present
Spines	presence	present
Fruit	colour	dark red
Fruit	main bearing type	on previous season's cane and on current season's cane in autumn
Time of	beginning of fruit ripening on previous season's cane	early
Time of	beginning of fruit ripening on current season's cane in autumn	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Pacifica'	

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
'Sugana'	Fruit colour	dark red	light red	'Sugana' also has a difficult ease of picking fruit and fewer flowers per cane

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

Organ/Plant Part: Context	'BP1'	'Driscoll Pacifica'
<input type="checkbox"/> Plant: habit	upright	
<input type="checkbox"/> *Plant: number of current season's canes	medium to many	
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium	
<input type="checkbox"/> Current season's cane: bloom	strong	
<input type="checkbox"/> Current season's cane: anthocyanin colouration	strong to very strong	
<input type="checkbox"/> Current season's cane: length of internode	short to medium	
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium to long	
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	long to very long	
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	long to very long	
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown	
<input type="checkbox"/> *Spines: presence	present	
<input type="checkbox"/> *Spines: density (varieties with spines present only)	dense	
<input checked="" type="checkbox"/> Spines: size of base (varieties with spines present only)	large to very large	small
<input checked="" type="checkbox"/> Spines: length (varieties with spines present only)	long	very short to short
<input type="checkbox"/> Spines: colour (varieties with spines present only)	brownish purple	
<input type="checkbox"/> *Leaf: green colour of upper side	dark	
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five	
<input type="checkbox"/> Leaf: profile of leaflets in cross section	concave	
<input type="checkbox"/> *Leaf: rugosity	medium	
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching	

<input type="checkbox"/>	Terminal leaflet: length	long to very long	
<input checked="" type="checkbox"/>	Terminal leaflet: width	very broad	medium to broad
<input type="checkbox"/>	Pedicel: number of spines	medium	
<input type="checkbox"/>	*Peduncle: presence of anthocyanin colouration	present	
<input checked="" type="checkbox"/>	*Peduncle: intensity of anthocyanin colouration	medium to strong	very weak to weak
<input type="checkbox"/>	Flower: size	large to very large	
<input type="checkbox"/>	Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	
<input type="checkbox"/>	*Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium	
<input type="checkbox"/>	*Fruit: length	long to very long	
<input type="checkbox"/>	*Fruit: width	broad to very broad	
<input type="checkbox"/>	*Fruit: ratio length/width	large to very large	
<input type="checkbox"/>	*Fruit: general shape in lateral view	conical	
<input type="checkbox"/>	Fruit: size of single drupe	large	
<input type="checkbox"/>	*Fruit: colour	dark red	
<input type="checkbox"/>	Fruit: glossiness	strong	
<input type="checkbox"/>	*Fruit: firmness	soft to medium	
<input type="checkbox"/>	Fruit: adherence to plug	medium	
<input type="checkbox"/>	*Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn	
<input checked="" type="checkbox"/>	*Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	early to medium	medium to late
<input type="checkbox"/>	*Time of: cane emergence (varieties which fruit on current year's cane in autumn)	early to medium	
<input type="checkbox"/>	*Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	early	
<input type="checkbox"/>	*Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium	
<input type="checkbox"/>	*Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	early	
<input type="checkbox"/>	*Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	early	

Length of: fruiting period on previous year's cane
(varieties which fruit on previous year's cane in summer)

medium to long

short

Length of: fruiting period on current year's cane
(varieties which fruit on current year's cane in autumn)

long to very long

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2009	Granted	'BP1'
USA	2010	Granted	'BP1'
Chile	2011	Pending	'BP1'
Mexico	2011	Granted	'BP1'
Morocco	2012	Pending	'BP1'

First sold as 'BP 1' on 11th May 2009 in Italy.

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



'BP1'

Rubus idaeus (Raspberry) variety 'BP1'

Details of Application

Application Number	2013/214
Variety Name	'ARS01'
Genus Species	<i>Anigozanthos rufus</i>
Common Name	Kangaroo Paw
Accepted Date	04-Oct-2013
Applicant	TC Australia Pty Ltd. Sky, Vic 3977
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Skye
Descriptor	TG/175/3
Period	Winter - Spring 2017
Conditions	Plants were grown outside in commercially supplied pinebark and coir based potting media. Plants were fertilised with slow release fertiliser and overhead watered as required.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stem
RHS Chart - edition	Fifth Edition

Origin and Breeding

Open pollination followed by seedling selection: At the applicant's property a number of commercially raised *Anigozanthos rufus* seedlings were grown during winter/spring/summer 2008/2009. Three plants were isolated as they exhibited varying distinctive growth, foliage and flowering characteristics from the rest of the crop. The plants were then grown on to maturity and were evaluated. These initial selections were then divided and a further generation grown to maturity before a final selection was made in September 2009. Breeder Joseph Murray, Longwarry, Victoria.

Choice of Comparators:

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	colour	grey
Plant	height	short
Inflorescence	ramification	present
Perianth tube	predominant colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Anigozanthos rufus common form	
'Kings Park Federation Flame'	

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
----------------	--------------------------------------	---	--	-----------------

'Kings Park Federation Flame'
 plant height short tall

'Kings Park Federation Flame'
 leaf colour grey green 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	'ARS01'	<i>Anigozanthus rufus</i> common form
<input type="checkbox"/> *Plant: height	short	short
<input checked="" type="checkbox"/> Plant: number of inflorescences	few to medium	many
<input type="checkbox"/> Leaf: length	medium	short to medium
<input type="checkbox"/> Leaf: width	medium	narrow to medium
<input type="checkbox"/> *Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: degree of curvature	slightly curved	straight
<input type="checkbox"/> Leaf: colour	grey green	grey green
<input type="checkbox"/> Leaf: glaucosity	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of margin	strongly expressed	strongly expressed
<input type="checkbox"/> *Inflorescence: ramification	present	present
<input type="checkbox"/> *Perianth tube: predominant colour	red	red
<input type="checkbox"/> Perianth tube: number of colours of hair	one	one
<input type="checkbox"/> Perianth lobes: reflexing	Medium	
<input type="checkbox"/> Flower: number of anthers at top of perianth	six	six
<input checked="" type="checkbox"/> Time of: beginning of flowering	late to very late	medium

Prior Applications and Sales:

No prior applications

First sold in Australia on 10th Sep 2012 as 'Clear Red'.

Description: Mark Lunghusen, Melbourne



Anigozanthos rufus (Kangaroo Paw) 'ARS01'

Details of Application

Application Number	2015/288
Variety Name	'WOW20111'
Genus Species	<i>Delosperma nubigenum</i>
Common Name	Ice Plant
Accepted Date	16 May 2017
Applicant	Koichiro Nishikawa, Katsuta-Gun, Okayama, Japan.
Agent	Sprint Horticulture Pty Ltd; PO Box 3282 Fountain Plaza, Erina, NSW, 2250
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	US PP25,684 P2
Location	Peats Ridge, NSW
Descriptor	PBR General descriptor
Period	March-November 2018
Conditions	Trial conducted in open beds, planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen plants of each variety arranged in a completely randomised design.
Measurements	From ten plants at random
RHS Chart - edition	2015

Origin and Breeding

Controlled self-pollination: parent HANADW1003 in 2010. The seed parent is characterised by a tall plant height combined with a short flowering period. Selection took place in Katsuta-Gun, Okayama-Pref., Japan in 2011. Selection criteria: low-growing, well-spreading growth habits combined with long flowering periods and a unique flower colour. Propagation: vegetative cuttings and micropropagation are found to be uniform and stable. Breeder: Koichiro Nishikawa, Katsuta-Gun, Okayama, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	number of shoots	many
Shoot	anthocyanin colouration	present
Leaf blade	presence of variegation	absent
Plant	height	short and very short
Plant	growth habit	creeping

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WOWDRW5'	
'WOWDOY3'	

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

Organ/Plant Part: Context	'WOW20111'	'WOWDOY3'	'WOWDRW5'
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping
<input type="checkbox"/> Plant: height	very short	short	short
<input type="checkbox"/> Plant: width	medium	medium	medium
<input type="checkbox"/> Leaf: length of blade	medium	medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Leaf: shape	ligulate	ligulate	ligulate
<input type="checkbox"/> Leaf: green colour	medium	light to medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Flower: diameter	medium to large	medium	medium to large

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'WOW20111'	'WOWDOY3'	'WOWDRW5'
<input type="checkbox"/> Plant: number of shoots	many	many	many
<input type="checkbox"/> Shoot: anthocyanin colouration	present	present	present
<input type="checkbox"/> Leaf blade: anthocyanin colouration	weak	absent or very weak	weak
<input type="checkbox"/> Leaf blade: pubescence	absent	absent	absent
<input type="checkbox"/> Flower: shape in lateral view	concave	concave	concave
<input type="checkbox"/> Calyx: intensity of green colour	medium	weak to medium	medium
<input type="checkbox"/> Calyx: anthocyanin colouration	absent	present	present
<input type="checkbox"/> Outer ray florets: length	medium	medium	medium to long
<input type="checkbox"/> Outer ray florets: width	narrow	very narrow	narrow
<input checked="" type="checkbox"/> Outer ray florets: main colour (RHS)	9A	34B	NN78B
<input type="checkbox"/> Anther: colour	white	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	yellow	yellow	white
<input type="checkbox"/> Outer ray florets: secondary colour			white

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2013	Granted	'WOW20111'
US	2013	Granted	'WOW2011-1'

First sold in EU on 15th Sept 2013

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



Delosperma nubigenum (Ice Plant) variety 'WOW20111' with comparators 'WOWDRW5' and 'WOWDOY3'

Details of Application

Application Number	2016/154
Variety Name	'ValleyPearl'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape vine
Accepted Date	06-Feb-2017
Applicant	The United States of America, as represented by the Secretary of Agriculture, Washington, DC, USA.
Agent	Spruson & Ferguson, Sydney NSW 2000
Qualified Person	Wayne Farquhar

Details of Comparative Trial

Overseas Testing Authority	CREA-VE Research Centre for Viticulture and Enology
Overseas Data Reference Number	UB/BC7509650/20160019563 (CPVO Application number: 20160435)
Location	CREA-VE Research Centre for Viticulture and Enology Via Casoni 13/A 31058 Susegana Italy
Descriptor	CPVO-TP/050/2 Final
Period	2019-2022
Conditions	As per overseas report
Trial Design	As per overseas report
Measurements	As per overseas report
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'ValleyPearl' originated from a cross of two Agricultural Research Service (ARS) table grape selections, A60-42 and C77-79, performed in 1996. The seedless female parent A60-42 has white round berries with firm flesh, good skin, and slight muscat flavour. The male parent C77-79 is seedless with white round to ovate berries, medium skin, and medium flesh firmness. Breeders: David W. Ramming, Ronald E. Tarailo, The United States of America, as represented by the Secretary of Agriculture, Washington, DC, USA

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

Organ/Plant PartContext		State of Expression in Group of Varieties
Grapevine	grape	Seedless
Young shoot	openness of tip	fully open
Young leaf	colour of upper side of blade	green
Young leaf	prostrate hairs between main veins on lower side of blade	medium
Flower	sexual organs	fully developed stamens and fully developed gynoecium
Berry	Time of beginning of berry ripening	early
Mature leaves	number of lobes	five

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Monukka n.'	seedless grape

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

Organ/Plant Part: Context	'ValleyPearl'	'Monukka n.'
<input type="checkbox"/> *Time of: bud burst	early	
<input type="checkbox"/> *Young shoot: openness of tip	fully open	
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	medium	
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green	
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	medium	
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect	
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green and red	
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	
<input type="checkbox"/> Shoot: length of tendrils	long	
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	
<input type="checkbox"/> *Mature leaf: size of blade	large	
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	
<input type="checkbox"/> *Mature leaf: number of lobes	five	
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow	
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	

<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open
<input type="checkbox"/> *Mature leaf: length of teeth	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium
<input type="checkbox"/> *Bunch: density	lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	very short
<input type="checkbox"/> *Berry: size	medium
<input checked="" type="checkbox"/> *Berry: shape	globose obtuse ovoid
<input checked="" type="checkbox"/> *Berry: colour of skin (without bloom)	yellow green blue black
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	very firm
<input type="checkbox"/> *Berry: particular flavour	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary
<input type="checkbox"/> Woody shoot: main colour	yellowish brown

Prior Applications and Sales:

Country	Year	Status	Name applied
USA	2011	Granted	Valley Pearl
Europe	2016	Granted	Valley Pearl
Argentina	2015	Pending	Valley Pearl
Brazil	2015	Pending	Valley Pearl
Canada	2016	Granted	Valley Pearl

First sold in USA on 25 March 2013

Description: Wayne Farquhar, Freeling, SA.



Vitis vinifera (Grapevine) variety 'ValleyPearl'

Details of Application

Application Number	2017/128
Variety Name	'Sunpararekin'
Genus Species	<i>Mandevilla</i> hybrid
Common Name	Mandevilla
Accepted Date	10-May-2017
Applicant	Suntory Flowers Limited, Minato-ku, Tokyo, Japan
Agent	Tim Angus, Lower Hutt, New Zealand
Qualified Person	Tim Angus

Details of Comparative Trial

Location	Yellow Rock, NSW, Australia
Descriptor	TG/298/1 Mandevilla
Period	October 2016 - April 2017
Conditions	Trial grown in outdoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 150 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.
Trial Design	Plants grown in separate blocks, side by side
Measurements	10 per variety taken at random
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: the new variety 'Sunpararekin' developed from a controlled pollination between proprietary Mandevilla selection '02M5-1' (maternal parent) and proprietary Mandevilla selection 'MH-51' (paternal parent) carried out during October 2007 in Higashiomi, Shiga, Japan. The new variety was selected from a seedling population during October 2007 in Higashiomi, Shiga, Japan. Selection criteria included freely branching, freely flowering with long internode length and large size deep red flowers. First vegetative propagation occurred in October 2007 in Higashiomi, Shiga, Japan. Since October 2007 many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. The breeder is Tomoya Misato of Suntory Flowers Limited. Breeder: Tomoya Misato, Suntory Flowers Limited, Shiga, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla lobe	main colour of upper side	red group

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunparakarma'	
'Sunmandecrikin'	
'Sunparacore'	

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
'Sunparacore'	calyx colour of distal half	light green	light red	
	corolla throat shape	funnel form	salverform	
	corolla throat colour of distal half of inner sidepart	46A	170A changing to 53A	
'Sunmandecrikin'	calyx colour of distal half	light green	light green with red margin	
	corolla throat shape	funnel form	campanulate	
	corolla throat colour of distal half of inner side	46A	170A	
	corolla lobe shape of apex	acute	rounded	

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

Organ/Plant Part: Context	'Sunpararekin'	'Sunparakarma'
<input type="checkbox"/> Plant: density	medium to dense	medium to dense
<input type="checkbox"/> Plant: amount of climbing tendrils	absent or few	absent or few
<input checked="" type="checkbox"/> Stem: length of internode	short	medium
<input type="checkbox"/> Young stem: green color	medium	medium
<input checked="" type="checkbox"/> Young stem: anthocyanin coloration	strong	absent or very weak
<input type="checkbox"/> Stem: pubescence	present	present
<input checked="" type="checkbox"/> Leaf: arrangement	decussate	opposite
<input checked="" type="checkbox"/> Petiole : length	short	long
<input type="checkbox"/> Petiole: anthocyanin coloration	weak	absent or very weak
<input type="checkbox"/> Petiole: pubescence	present	present
<input checked="" type="checkbox"/> Leaf blade: position of broadest part	toward base	towards apex
<input type="checkbox"/> Leaf blade: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf blade: shape of base	cordate	cordate
<input type="checkbox"/> Leaf blade: glossiness of upper side	medium	strong

<input checked="" type="checkbox"/> Leaf blade: bulging between the veins	weak	medium
<input type="checkbox"/> Leaf blade: pubescence of upper side	absent	absent
<input type="checkbox"/> Leaf blade: intensity of green color of lower side	light	medium
<input checked="" type="checkbox"/> Leaf blade: pubescence of lower side	absent	present
<input type="checkbox"/> Leaf blade: shape in profile	recurving	recurving
<input type="checkbox"/> Leaf blade: undulation of margin	weak	weak
<input type="checkbox"/> Pedicel: intensity of green color	light	medium
<input type="checkbox"/> Pedicel: anthocyanin coloration	medium	medium
<input type="checkbox"/> Pedicel: pubescence	absent	absent
<input type="checkbox"/> Flower bud: shape	rhombic	rhombic
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Calyx: color of basal half	light green	medium green
<input type="checkbox"/> Corolla throat: shape	funnel form	funnel form
<input checked="" type="checkbox"/> Corolla throat: Colour of basal half of outer side (RHS Colour Chart)	168D	closest to 53B
<input checked="" type="checkbox"/> Corolla throat: colour of distal half of outer side (RHS Colour Chart)	closest to 46A	closest to 53B
<input type="checkbox"/> Corolla throat: colour of basal half of inner side (RHS Colour Chart)	169A	169A
<input checked="" type="checkbox"/> Corolla throat: colour of distal half of inner side (RHS Colour Chart)	46A	53A
<input type="checkbox"/> Corolla lobe: symmetry	strongly asymmetric	strongly asymmetric
<input checked="" type="checkbox"/> Corolla lobe: shape of apex	acute	acuminate
<input checked="" type="checkbox"/> Corolla lobe: main color of upper side (RHS Color Chart)	closest to 46A	closest to 53A
<input checked="" type="checkbox"/> Corolla lobe: recurving of margin	weak	medium to strong
<input checked="" type="checkbox"/> Corolla lobe: undulation of margin	weak	strong
<input checked="" type="checkbox"/> Corolla lobe: shape in longitudinal section of distal part	convex	concave
<input checked="" type="checkbox"/> Filament: color	light green	yellowish white
<input type="checkbox"/> Anther: color	light yellow	light yellow
<input type="checkbox"/> Ovary: color	light green	light green

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sunpararekin'	'Sunparakarma'
<input type="checkbox"/> Petiole: colour	light to medium green	light to medium green
<input checked="" type="checkbox"/> Calyx: colour of distal half	light green	light green with red tip
<input type="checkbox"/> Leaf blade: main colour	light to medium green	medium green

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2013	Granted	'Sunpararekin'
Canada	2012	Granted	'Sunpararekin'
Japan	2016	Granted	'Sunpararekin'
EU	2013	Granted	'Sunpararekin'

First sold in EU in July 2013

Description: Tim Angus, Lower Hutt, 5010



Mandevilla hybrid variety 'Sunpararekin'

Details of Application

Application Number	2018/181
Variety Name	'Icemaker'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Accepted Date	25-Jul-2018
Applicant	Enza Zaden Beheer B.V. Enkhuizen, The Netherlands
Agent	Spruson & Ferguson, Sydney NSW, Australia
Qualified Person	Stephen Kammholz

Details of Comparative Trial

Location	57 Cayleys Road, Werribee South, Victoria. Australia.
Descriptor	TG/13/11 Rev. 4
Period	June - November 2025
Conditions	Quality seedlings were raised according to industry best practice. Conditions in the weeks post-transplant were extremely windy resulting in some plant losses. Fortunately, extra plants were transplanted for each plot to compensate for any losses. The trial was slotted at the edge of optimal for commercial purposes, so some internal tip burn was present in all entries. Aside from some internal tip burn - no foliar diseases were present. Field was treated as per the commercial field which surrounded. Trial overall was well grown and uniform.
Trial Design	Randomised complete block design. The candidate was included twice (which represented two separate years of seed production) along with four VCK's selected after screening through several grouping characters. Two replications with 32 plants per replication. Final observations were made on November 6th 2025.
Measurements	As per UPOV guidelines.
RHS Chart - edition	Not used.

Origin and Breeding

Open pollination: F2 seed was sown and transplanted in a spring cut breeding nursery in the Werribee (Victoria, Australia) area. Plant selections were made based on head size, frame size and core height. The F3 seed obtained from these plants were tested at the seedling stage for Bremia resistance. F3 seeds were re sown and transplanted in a spring cut breeding trial at Werribee, Victoria. Selection criteria were as per above. F4 seeds were again Bremia tested at the seedling stage. F4 seedlings were re sown and transplanted in a spring cut breeding trial at Werribee, Victoria. Selection criteria again were as above. F5 seedlings were tested (AUS 5) to confirm full Bremia resistance. F5 seed was sown and transplanted in a spring cut breeding trial at Werribee, Victoria. Plants were selected to the criteria above. A final Bremia test was done on selected F6 plants to confirm resistance. E number E01E.10327 was created for the desired selection. Seed production was undertaken in the glasshouse of ENZA Zaden in Europe. The breeders developed the variety while under an employment contract with the applicant. Breeder: Ronald Vriend, Enza Zaden Beheer B.V. Enkhuizen, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black

Head	shape in longitudinal section	circular
Leaf	anthocyanin colouration	absent or very weak
Plant	degree of overlapping of upper part of leaves	strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Full Moon'	Spring cut iceberg lettuce standard
'Nolaf'	Iceberg standard for the transition slots and all spring

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
'Diegola'	head size	large	medium	
'Diegola'	head time of bolting under long day conditions	late	medium	
'Botiola'	head time of bolting under long day conditions	late	medium	
'Mercurio'	head size	large	very large	
'Persuit'	plant size	large	medium	
'Bernadinas'	head size	large	medium	
'Jalonas'	head size	large	medium	
'Archer'	leaf intensity of colour of outer leaves	dark	very dark	
'Archer'	leaf attitude at maturity	erect to semi erect	erect	
'Snowball'	plant number of leaves	many	very many	
'Tawriffic'	seed colour	black	white	

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

Organ/Plant Part: Context	'Icemaker'	'Full Moon'	'Nolaf'
<input type="checkbox"/> Seed: colour	black	black	black
<input type="checkbox"/> Plant: diameter	large	large	large
<input type="checkbox"/> Plant: degree of overlapping of upper part of leaves	strong	strong	strong
<input type="checkbox"/> Plant: number of leaves	many	many	many
<input type="checkbox"/> Leaf: attitude	erect to semi-erect	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: number of divisions	absent or very few	absent or very few	absent or very few
<input type="checkbox"/> Leaf: shape	medium elliptic	medium elliptic	medium elliptic
<input type="checkbox"/> Leaf: shape of apex	obcordate	obcordate	obcordate

<input type="checkbox"/> Leaf: longitudinal section	concave	concave	concave
<input type="checkbox"/> Leaf: width of lobes	broad	broad	broad
<input type="checkbox"/> Leaf: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: colour	yellowish green	yellowish green	yellowish green
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium
<input type="checkbox"/> Leaf: glossiness of upper side	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: thickness	thick	thick	thick
<input type="checkbox"/> Leaf: blistering	medium	medium	medium
<input type="checkbox"/> Leaf: size of blisters	medium to large	medium to large	medium to large
<input type="checkbox"/> Leaf: undulation of margin	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Leaf: type of incisions of margin	irregularly dentate	irregularly dentate	irregularly dentate
<input type="checkbox"/> Leaf: depth of incisions of margin	shallow	shallow	shallow
<input type="checkbox"/> Leaf: depth of secondary incisions of margin	very shallow	very shallow	very shallow
<input type="checkbox"/> Leaf: density of incisions of margin	sparse	sparse	sparse
<input type="checkbox"/> Leaf: venation	flabellate	flabellate	flabellate
<input type="checkbox"/> Head: size	large	large	large
<input type="checkbox"/> Head: shape in longitudinal section	circular	circular	circular
<input checked="" type="checkbox"/> Head: density	loose to medium	medium to dense	dense to very dense
<input checked="" type="checkbox"/> Stem: length	short	short to medium	medium
<input type="checkbox"/> Stem: width	medium	medium	medium
<input type="checkbox"/> Stem: shape in longitudinal section	fusiform	fusiform	fusiform
<input type="checkbox"/> Stem: colour	whitish green	whitish green	whitish green
<input type="checkbox"/> Stem: colour of flesh	whitish green	whitish green	whitish green
<input type="checkbox"/> Time of maturity of harvest:	late	medium	very early to early
<input type="checkbox"/> Time of beginning of bolting:	late	medium to late	medium
<input type="checkbox"/> Axillary sprouting:	absent or weak	absent or weak	absent or weak

Statistical Table

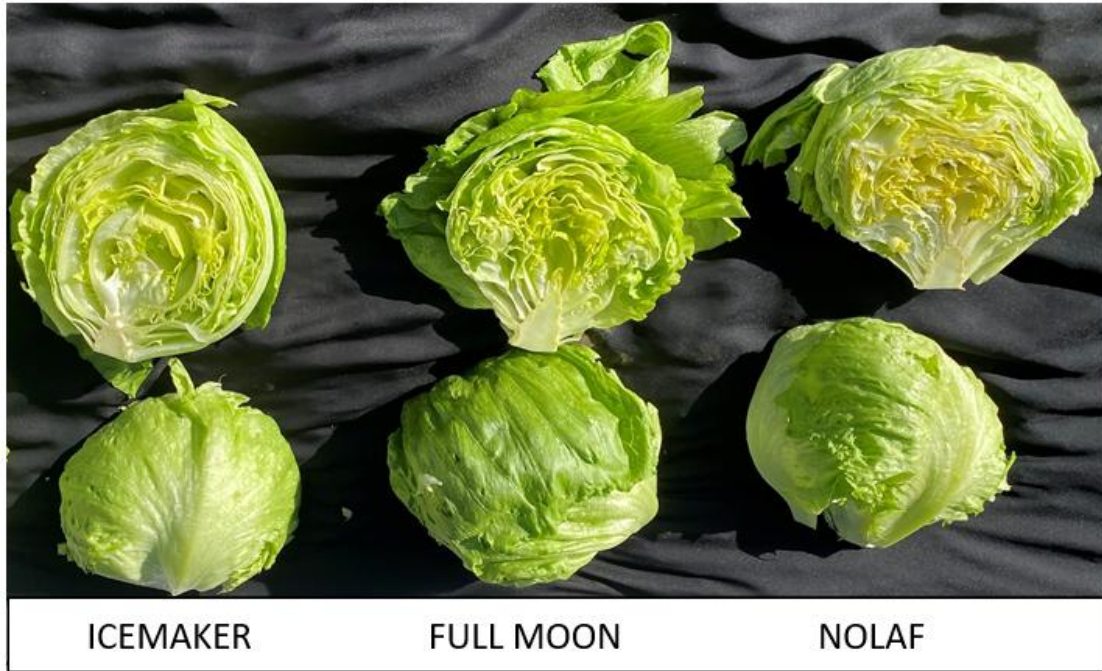
Organ/Plant Part: Context	'Icemaker'	'Full Moon'	'Nolaf'
<input checked="" type="checkbox"/> Stem: Length (mm)			
Mean	28.50	32.90	35.20
Std. Deviation	6.56	7.68	8.97
Lsd/sig	3.792	$p \leq 0.01$	$p \leq 0.01$

Prior Applications and Sales:

Country	Year	Status	Name Applied
NZ	2018	Applied	'Icemaker'
US (patent)	2018	Applied	'E01E.10327'

First sold in Australia in June 2017.

Description: Stephen Kammholz, Tullamarine, VIC 3043



Lettuce (*Lactuca sativa*) variety 'Icemaker' with comparators 'Full Moon' and 'Nolaf'

Details of Application

Application Number	2018/289
Variety Name	'Ladina'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Accepted Date	29-Nov-2018
Applicant	Agroscope, Changins-Wädenswil, 8820 Wädenswil, Switzerland
Agent	Graham's Factree Pty Ltd., Hoddies Creek, VIC
Qualified Person	Rebecca Adams

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Germany
Overseas Data Reference Number	APF 651
Location	Prüfstelle Würzen, Germany
Descriptor	CPVO-TP/14/2
Period	2015-2016
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: classical cross breeding by pollinating female bagged flowers of Topaz in the orchard with pollen from the father variety (Fuji). Seed extraction in autumns followed by stratification and sowing in February 2000. Screening for scab resistance in the glasshouse and planting to the field nursery in May. Grafting on rootstock M27 in winter 2001/2002, nursery year 2002. Tree planting in spring 2003, first fruits in 2004. Further multiplication for testing in steps A (% tree on M9), B (4 x 5 Trees) and C (30 Trees, 4 Locations). Breeder's: Markus Kellerhals, Agroscope, Changins-Wädenswil, 8820 Wädenswil, 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
Tree	type	ramified
Tree	Habit (only varieties with ramified tree type)	spreading
Fruit	general shape	obloid
Fruit	Relative area of over colour	large to very large
Fruit	hue of over colour with bloom removed	red
Fruit	pattern of over colour	solid flush with weakly defined stripes
Tree	time of beginning of flowering	medium to late
Tree	time of eating maturity	late

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Gemini' Fruit Maturity 8 Days after Gala
 'WUR37' Medium Red in colour at balloon stage

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
'Gemini'	Fruit maturity	10-14 Days after Gala	8 Days after Gala	Maturity is apart

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

Organ/Plant Part: Context	'Ladina'	'WUR37'
<input type="checkbox"/> Tree: vigour	weak to medium	
<input type="checkbox"/> *Tree: type	ramified	
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	
<input type="checkbox"/> Tree: type of bearing	on spurs only	
<input type="checkbox"/> One-year-old shoot: thickness	medium	
<input checked="" type="checkbox"/> *One-year-old shoot: length of internode	short to medium	medium to long
<input type="checkbox"/> One-year-old shoot: colour on sunny side	medium brown	
<input type="checkbox"/> One-year-old shoot: pubescence	medium to strong	
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium	
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards	
<input type="checkbox"/> *Leaf blade: length	short to medium	
<input type="checkbox"/> *Leaf blade: width	narrow to medium	
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	
<input type="checkbox"/> Leaf blade: intensity of green colour	light to medium	
<input checked="" type="checkbox"/> Leaf blade: incisions of margin	crenate	biserrate
<input type="checkbox"/> Leaf blade: pubescence on lower side	strong	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	small	
<input checked="" type="checkbox"/> *Flower: predominant colour at balloon stage	light pink	medium red
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	medium	
<input type="checkbox"/> *Flower: arrangement of petals	intermediate	
<input type="checkbox"/> Flower: position of stigmas relative to anthers	same level	
<input type="checkbox"/> Young fruit: extent of anthocyanin over colour	medium	
<input type="checkbox"/> *Fruit: size	medium	
<input type="checkbox"/> *Fruit: height	medium	
<input type="checkbox"/> *Fruit: diameter	medium	

<input type="checkbox"/> *Fruit: ratio height/diameter	medium
<input type="checkbox"/> *Fruit: general shape	obloid
<input type="checkbox"/> Fruit: ribbing	moderate
<input type="checkbox"/> Fruit: crowning at calyx end	strong
<input type="checkbox"/> *Fruit: size of eye	medium to large
<input type="checkbox"/> Fruit: length of sepal	medium to long
<input type="checkbox"/> *Fruit: bloom of skin	moderate
<input type="checkbox"/> Fruit: greasiness of skin	moderate
<input type="checkbox"/> *Fruit: ground colour	yellow
<input type="checkbox"/> *Fruit: relative area of over colour	large to very large
<input type="checkbox"/> *Fruit: hue of over colour – with bloom removed	red
<input type="checkbox"/> *Fruit: intensity of over colour	dark to very dark
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush with weakly defined stripes
<input type="checkbox"/> *Fruit: width of stripes	narrow
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	medium
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small
<input checked="" type="checkbox"/> Fruit: number of lenticels	few to medium very many
<input type="checkbox"/> Fruit: size of lenticels	medium
<input type="checkbox"/> *Fruit: length of stalk	medium
<input type="checkbox"/> *Fruit: thickness of stalk	thick
<input type="checkbox"/> *Fruit: depth of stalk cavity	medium
<input type="checkbox"/> *Fruit: width of stalk cavity	medium to broad
<input type="checkbox"/> *Fruit: depth of eye basin	medium
<input type="checkbox"/> *Fruit: width of eye basin	medium
<input type="checkbox"/> *Fruit: firmness of flesh	medium to firm
<input type="checkbox"/> *Fruit: colour of flesh	yellowish
<input type="checkbox"/> *Fruit: aperture of locules	moderately open
<input type="checkbox"/> *Time of: beginning of flowering	medium to late
<input type="checkbox"/> Time for: harvest	medium to late
<input type="checkbox"/> *Time of: eating maturity	late

Prior Applications and Sales:

Country	Year	Status	Name Applied
---------	------	--------	--------------

Chile	2018	Granted	'Ladina'
EU	2014	Granted	'Ladina'
New Zealand	2018	Applied	'Ladina'
Switzerland	2011	Granted	'Ladina'
UK	2017	Granted	'Ladina'
USA	2013	Granted	'Ladina'

First sold in Switzerland in October 2012

Description: Rebecca Adams, Gembrook, VIC



Apple (Malus domestica) – variety 'Ladina'

Details of Application

Application Number	2019/174
Variety Name	'Bonsca 1433'
Genus Species	<i>Scaevola aemula</i>
Common Name	Fanflower
Accepted Date	10-Oct-2019
Applicant	Bonza Botanicals Pty Ltd, Yellow Rock, NSW 2777
Agent	Tim Angus, Wellington, New Zealand
Qualified Person	Tim Angus

Details of Comparative Trial

Location	Yellow Rock, NSW, Australia
Descriptor	PBR SCAE (National descriptor for <i>Scaevola</i>)
Period	August 2019 -October 2019
Conditions	Trial grown under light shade conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 140 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.
Trial Design	Plants grown in separate blocks side by side
Measurements	10 plants per variety at random
RHS Chart - edition	2001

Origin and Breeding

Open-pollination: 'Bonsca 1433' originates from an open pollination between proprietary *Scaevola aemula* selection '13-37' (female) and one of 5 unnamed proprietary *Scaevola aemula* selections (male) which occurred during March to June 2013 in Yellow rock, NSW Australia. The new variety was first selected from a seedling population in March 2014 in Yellow rock, NSW Australia. Since March 2014 over many generations of vegetative propagation (more than 10) the new variety has been shown to be uniform and stable. Breeders: Andrew Bernuetz, Glenbrook NSW 2773, and Mirza Mohammed Shoab, Parramatta, NSW 2152.

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
Petal	main colour of upper side	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bonsca 1203'	
'Bomy Pinka'	
'Ultra fanfare'	
'Pink Fanfare'	
'Outback Royal Pink'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Outback Royal Pink'	petal	main colour of upper side	deep pink	purple group RHS 75C	
'Bomy Pinka'	petal	main colour of upper side	deep pink	light pink	
'Ultra Fanfare'	petal colour	main colour of upper side	deep pink	purple violet RHS 80B	
'Pink Fanfare'	Petal	main colour of upper side	deep pink	purple violet RHS 80C	

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

Organ/Plant Part: Context	'Bonsca 1433'	'Bonsca 1203'
<input type="checkbox"/> Plant: growth habit	semi erect	semi upright to spreading
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Plant: width	medium to broad	medium
<input checked="" type="checkbox"/> Plant: density	dense	medium
<input type="checkbox"/> Stem: attitude	semi-erect	semi-erect
<input type="checkbox"/> Stem: anthocyanin colouration	weak	weak to medium
<input type="checkbox"/> Stem: colour	greenish	greenish
<input checked="" type="checkbox"/> Leaf: texture	medium	soft
<input checked="" type="checkbox"/> Leaf: shape	spathulate	obovate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: glossiness of lower side	slight to medium	slight to medium
<input checked="" type="checkbox"/> Leaf: degree of hairiness of lower side	weak	medium
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision of margin	shallow	shallow to medium
<input type="checkbox"/> Leaf: type of incision of margin	dentate	dentate
<input type="checkbox"/> Leaf: undulation of margin	weak	weak
<input checked="" type="checkbox"/> Leaf: colour of lower side (RHS colour chart)	yellow green group closest to 144A	green group 137C
<input type="checkbox"/> Leaf: colour of upper side (RHS colour chart)	closest to 137C	137A
<input type="checkbox"/> Corolla: diameter (width of fan)	large	large

<input type="checkbox"/>	Corolla: main colour		
<input type="checkbox"/>	Corolla: stripes on petals (upper side)	absent	absent
<input type="checkbox"/>	Corolla: stripes on petals (lower side)	absent	absent
<input type="checkbox"/>	Petal: length	medium to long	medium to long
<input type="checkbox"/>	Petal: width	medium	medium to broad
<input checked="" type="checkbox"/>	Petal: overlapping of bases	absent or very slight	slight to medium
<input checked="" type="checkbox"/>	Petal: main colour of middle zone (upper side) (RHS colour chart)	purple group 78A	red purple group N57D to greyed purple group 186C
<input checked="" type="checkbox"/>	Petal: main colour of margin (upper side) (RHS colour chart)	red purple group 72C	greyed purple group 186D
<input checked="" type="checkbox"/>	Petal: main colour of middle zone (lower side) (RHS colour chart)	red purple group 72C	greyed purple group 186A
<input checked="" type="checkbox"/>	Petal: main colour of margin (lower side) (RHS colour chart)	purple violet group 80C	purple group 75C
<input type="checkbox"/>	Petal: throat colour	yellow-green	yellow-green
<input type="checkbox"/>	Petal: size of eye on upper side		
<input type="checkbox"/>	Petal: colour of eye on upper side	white	white
<input type="checkbox"/>	Indusium: colour	green	green
<input type="checkbox"/>	Indusium: degree of hairiness	medium to strong	medium to strong

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Bonsca 1433'	'Bonsca 1203'
<input type="checkbox"/> Corolla: main colour	purple to pink	pink

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2016	granted	'Bonsca 1433'
Japan	2017	granted	'Bonsca 1433'

First sold in USA in Oct 2016.

Description: Tim Angus, Wellington, New Zealand



Fanflower (*Scaevola aemula*) variety 'Bonsca 1433' and its comparator 'Bonsca 1203' showing differences in leaf shape and petal colour

Details of Application

Application Number	2019/216
Variety Name	'Yamagata C12 Go'
Genus Species	<i>Prunus avium</i>
Common Name	Sweet Cherry
Accepted Date	12-Dec-2019
Applicant	Yamagata Prefecture, 2-8-1, Matsunami, Yamagata-Shi, Yamagata, 990-8570, Japan
Agent	IP Solved (ANZ) Pty Ltd, Level 16, 68 Pitt St. Sydney, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	PVPO, Japan
Overseas Data Reference Number	27866
Location	Sagae-shi, Yamagata, Japan
Descriptor	TG/35/7
Period	2018
Conditions	Evaluations carried out in standard field conditions according to TG/35/7
Trial Design	according to TG/35/7
Measurements	according to TG/35/7
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: seed parent 'Benisyuho' x pollen parent 'Breeding line C-47-70' in 1997. The seed parent is characterised by a large, sweet fruit with late time of ripening. The pollen parent is characterised by a medium-large, sweet fruit with medium time of ripening. Selection took place in Sagae-shi, Yamagata, Japan in 2010. Selection criteria: large desirable fruit with medium to late timing suited to fresh market. Propagation: vegetative, budding and grafting were found to be uniform and stable. Breeders: Ishiguro Makoto, Nishimura Koichi, Aegaki Hideaki, Adachi Eisuke, Honma Yoshiaki, Takahashi Yoshinobu, Marukawa Takashi, Niino Kiyoshi, Abiko Yuki, Abe Kazuyuki, Tada Fumito, Kuroda Hiroshi, Sato Takanobu, Noguchi Kyoichi, Yano Kazuo, Kuroda Jun, Sato Hironori, Akashi Shuya, Kamoda Issaku, Kudo Makoto, Sasaki Yasuko, Abe Yoshiyuki, Sato Yasukazu, Yoneno Tomoya, Onodera Reiko, Yamagata Prefecture, 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
Fruit	colour of skin	red
Fruit	colour of flesh	cream
Fruit	firmness of flesh	firm
Plant	time of beginning of flowering	medium
Plant	time of beginning of fruit ripening	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Benisyuho'	

'Satonishiki'

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

Organ/Plant Part: Context	'Yamagata C12 Go'	'Benisyuho'	'Satonishiki'
<input type="checkbox"/> Tree: vigour	medium		
<input type="checkbox"/> *Tree: habit	spreading		
<input type="checkbox"/> *Tree: branching	weak to medium		
<input type="checkbox"/> Young shoot: anthocyanin colouration of apex	medium		
<input type="checkbox"/> Young shoot: pubescence of apex	weak		
<input type="checkbox"/> *One-year-old shoot: length of internode	short		
<input type="checkbox"/> One-year-old shoot: number of lenticels	many		
<input type="checkbox"/> One-year-old shoot: thickness	medium to thick		
<input type="checkbox"/> Leaf blade: length	medium		
<input type="checkbox"/> Leaf blade: width	medium		
<input type="checkbox"/> *Leaf blade: ratio length/width	medium		
<input type="checkbox"/> Leaf blade: intensity of green colour of upper side	medium		
<input type="checkbox"/> *Leaf: length of petiole	medium to long		
<input type="checkbox"/> Leaf: ratio length of blade/length of petiole	small to medium		
<input type="checkbox"/> *Leaf: presence of nectaries	present		
<input type="checkbox"/> Nectaries: colour	dark red		
<input type="checkbox"/> Flower: diameter	medium		
<input type="checkbox"/> Flower: shape of petal	broad obovate		
<input type="checkbox"/> Flower: arrangement of petals	intermediate		
<input checked="" type="checkbox"/> *Fruit: size	large to very large		medium
<input type="checkbox"/> *Fruit: shape	reniform		
<input type="checkbox"/> Fruit: pistil end	flat		
<input type="checkbox"/> Fruit: suture	weakly conspicuous		
<input type="checkbox"/> *Fruit: length of stalk	medium to long		
<input type="checkbox"/> Fruit: thickness of stalk	thin		
<input type="checkbox"/> Fruit: abscission layer between stalk and fruit	absent		
<input type="checkbox"/> *Fruit: colour of skin	red		
<input type="checkbox"/> Fruit: size of lenticels on skin	medium to large		
<input type="checkbox"/> Fruit: number of lenticels on skin	medium		

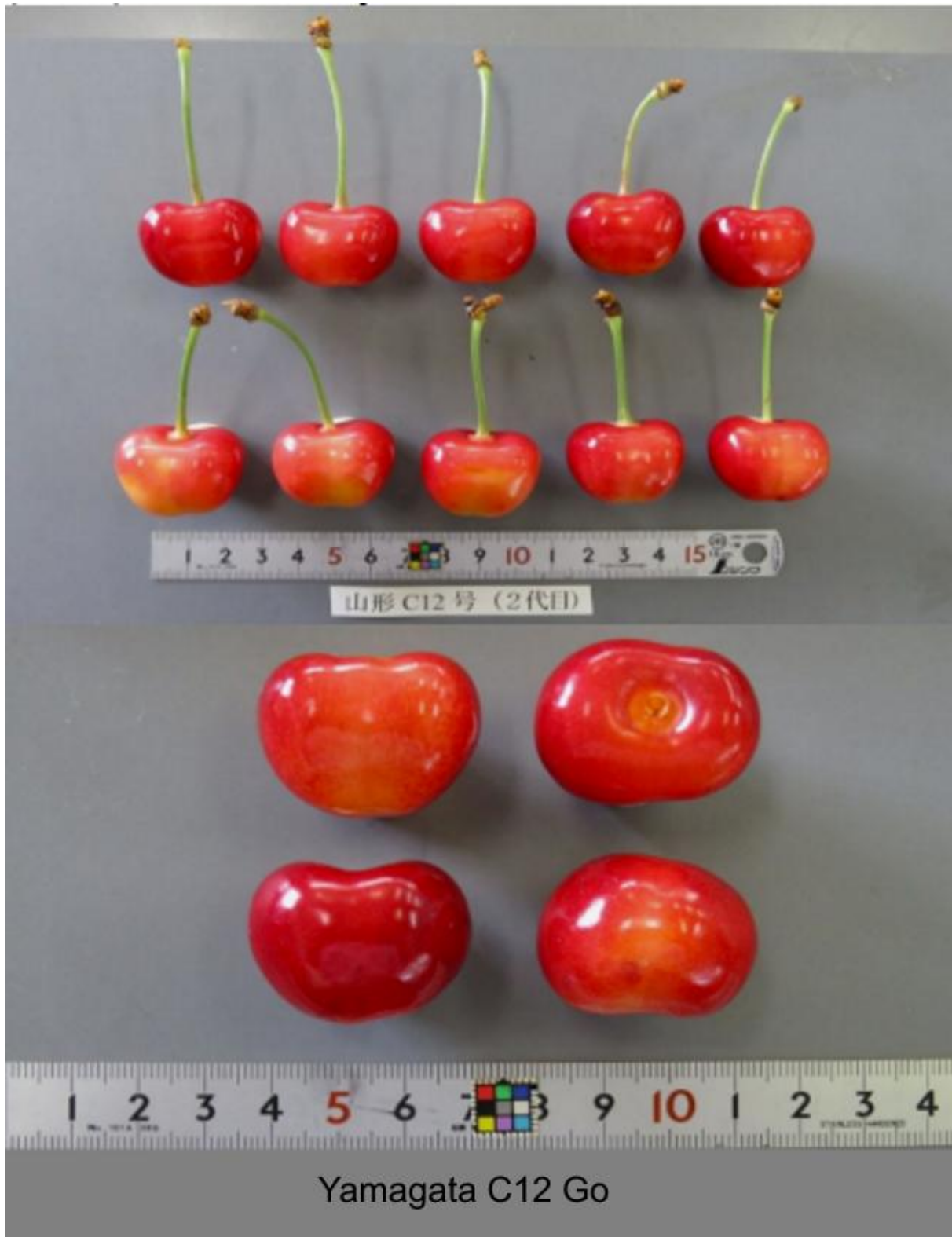
<input type="checkbox"/> Fruit: thickness of skin	intermediate
<input type="checkbox"/> *Fruit: colour of flesh	cream
<input type="checkbox"/> Fruit: colour of juice	light yellow
<input type="checkbox"/> *Fruit: firmness	firm
<input type="checkbox"/> Fruit: acidity	low
<input checked="" type="checkbox"/> Fruit: sweetness	medium high
<input type="checkbox"/> Fruit: juiciness	medium
<input type="checkbox"/> *Stone: size	medium
<input type="checkbox"/> *Stone: shape in ventral view	broad elliptic
<input checked="" type="checkbox"/> *Fruit: ratio weight of fruit/weight of stone	large medium
<input type="checkbox"/> *Time of: beginning of flowering	medium
<input type="checkbox"/> *Time of: beginning of fruit ripening	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2019	Granted	'Yamagata C12 Go'
Japan	2017	Granted	'Yamagata C12 Go'
New Zealand	2019	Granted	'Yamagata C12 Go'
USA	2023	Granted	'Yamagata C12 Go'

First sold in Japan in February 2018

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



Sweet Cherry (*Prunus avium*) – Variety 'Yamagata C12 Go'

Details of Application

Application Number	2020/298
Variety Name	'Kokanee'
Genus Species	<i>Rubus idaeus</i>
Common Name	Raspberry
Accepted Date	11-Feb-2021
Applicant	The United States of America as represented by the Secretary of Agriculture, Washington DC-20250, United States of America.
Agent	Adrian M Trioli Patent and Trade Mark Attorney, East Melbourne VIC, Australia.
Qualified Person	Tanvir Hossain

Details of Comparative Trial

Overseas Testing Authority	CPVO, France
Overseas Data Reference Number	HMB 376 (CPVO reference 20202890)
Location	Prüfstelle Wurzen, Germany
Descriptor	UPOV TG/43/7 09/04/2003
Period	2023 - 2024
Conditions	Ambient raspberry growing conditions
Trial Design	According to CPVO TP/043/2 (19/03/2014) - trial protocol
Measurements	According to CPVO TP/043/2 (19/03/2014) - trial protocol

Origin and Breeding

Controlled pollination: 'Kokanee' was selected from a seedling field in Corvallis, Oregon in 2009 from a cross made in 2007 of ORUS 1173-2 and Vintage. The new cultivar has been asexually reproduced annually since 2009 by the use of root cuttings. The new cultivar was established in vitro from a cane cutting and micro-cuttings has been rooted from this sort of culture. The new raspberry plant has been found to be stable and reproduce true to type through successive asexual propagations. Selection criteria: outstanding fresh fruit quality (large, attractive, good flavour and bright colour). Breeder: Chad Finn, Oregon, 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
Very young shoot	anthocyanin coloration of apex during rapid growth	present
Spines	presence	present
Fruit	colour	medium red
Varieties which fruit on previous year's cane in summer	time of beginning of fruit ripening on previous year's cane	medium to late
Varieties which fruit on current year's cane in autumn	time of beginning of fruit ripening on current year's cane	medium

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Heritage'

'Vintage'

'Driraspfive'

'BT RASONE'

'Rubinia SO'

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
'Heritage'	Fruit colour	medium red	dark red	Initially considered as a comparator, however later it was discarded on the basis of fruit colour
'Vintage'	Fruit length	long	medium	Initially considered as a comparator, however later it was discarded on the basis of fruit 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	'Kokanee'	'BT RASONE'	'Driraspfive'	'Rubinia SO'
<input type="checkbox"/> Plant: habit	semi-upright			
<input type="checkbox"/> *Plant: number of current season's canes	few to medium			
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present	present	present
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	weak to medium			
<input type="checkbox"/> Current season's cane: bloom	medium to strong			
<input type="checkbox"/> Current season's cane: anthocyanin colouration	strong to very strong			
<input type="checkbox"/> Current season's cane: length of internode	short to medium			
<input type="checkbox"/> Current season's cane: length of vegetative bud	short to medium			
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	medium to long			
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	medium to long			
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	purplish brown			
<input type="checkbox"/> *Spines: presence	present	present	present	present
<input type="checkbox"/> *Spines: density (varieties with spines present only)	dense to very dense			sparse

<input type="checkbox"/> Spines: size of base (varieties with spines present only)	small to medium			
<input checked="" type="checkbox"/> Spines: length (varieties with spines present only)	long	medium	medium	short to medium
<input checked="" type="checkbox"/> Spines: colour (varieties with spines present only)	greenish brown	brownish purple	brownish purple	purple
<input type="checkbox"/> *Leaf: green colour of upper side	medium to dark			
<input type="checkbox"/> *Leaf: predominant number of leaflets	five			
<input type="checkbox"/> Leaf: profile of leaflets in cross section	straight			
<input type="checkbox"/> *Leaf: rugosity	strong			
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching			
<input type="checkbox"/> Terminal leaflet: length	medium to long			
<input type="checkbox"/> Terminal leaflet: width	broad			
<input type="checkbox"/> Pedicel: number of spines	few to medium			
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	absent			
<input type="checkbox"/> Flower: size	medium to large			
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect			
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long			
<input type="checkbox"/> *Fruit: length	long			
<input type="checkbox"/> *Fruit: width	medium to broad			
<input type="checkbox"/> *Fruit: ratio length/width	large			
<input type="checkbox"/> *Fruit: general shape in lateral view	conical			
<input type="checkbox"/> Fruit: size of single drupe	large			
<input type="checkbox"/> *Fruit: colour	medium red	medium red	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	medium to strong			
<input type="checkbox"/> *Fruit: firmness	firm			
<input type="checkbox"/> Fruit: adherence to plug	medium			
<input checked="" type="checkbox"/> *Fruit: main bearing type	both previous only on year's cane in summer & current year's autumn	only on current year's cane in autumn		

	cone in autumn				
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	early				
<input type="checkbox"/> *Time of cane emergence (varieties which fruit on current year's cane in autumn)	medium				
<input type="checkbox"/> *Time of beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium				
<input type="checkbox"/> *Time of beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	medium				
<input type="checkbox"/> *Time of beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	medium to late	medium to late	medium to late	medium to late	
<input type="checkbox"/> *Time of beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium	medium	medium	medium	
<input type="checkbox"/> Length of fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	short to medium				
<input type="checkbox"/> Length of fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	long to very long				

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2016	Granted	'Kokanee'
QZ	2020	Applied	'Kokanee'
JP	2020	Applied	'Kokanee'

First sold in USA in December 2016.

Description: Tanvir Hossain, Conder, ACT 2906.



'Kokanee'

Raspberry (*Rubus idaeus*) variety 'Kokanee'

Details of Application

Application Number	2021/064
Variety Name	'HORE0007'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Rosso Glory
Accepted Date	22-Dec-2021
Applicant	Kwekerij Lendert de Vos B.V. The Netherlands.
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023 and transferred to 200mm pots. Pots were filled with soilless, pine bark-based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected.
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: as part of a hydrangea breeding program a controlled pollination between the paternal and maternal parents occurred in July 2011. As seedling was raised to flowering maturity and assessed in June 2013. It was then selected for on the criteria of compact plant habit, petal firmness strong, changing flower colouration throughout the seasons, Flower shelf life long, Stem strength strong, flower colour red and flower colour intensity strong. The first cutting propagation occurred in August 2015. All subsequent generations have proved uniform and stable. Breeders: Nick Van Rosmalen, Enkweg 39, 6881 LX Velp, 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	type	non-climbing
Plant	growth habit	upright
Stem	fasciation	absent
stem	colour	green
Leaf blade	main colour	medium green
Leaf blade	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Schloss Wackerbath'	

Name	Comments
'Tea time compact Red'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part Context			
'Hortmagicri'	Leaf blade	intensity of anthocyanin coloration	absent or very weak	medium
'Kolmaru'	Leaf blade	intensity of anthocyanin coloration	absent or very weak	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	'HORE0007'	'Schloss Wackerbath'	'Tea time compact Red'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input checked="" type="checkbox"/> Plant: height	medium	short to medium	short
<input type="checkbox"/> Plant: height in relation to width	broader than tall	broader than tall	broader than tall
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input type="checkbox"/> Stem: colour	green	green	green
<input type="checkbox"/> Stem: number of lenticels	few to medium	absent or few	absent or few
<input type="checkbox"/> Stem: size of lenticels	medium	medium	medium
<input type="checkbox"/> Stem: colour of lenticels	blackish	blackish	blackish
<input checked="" type="checkbox"/> Leaf blade: length	short	medium	short
<input type="checkbox"/> Leaf blade: width	medium	narrow to medium	medium
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape	circular	elliptic	obovate
<input checked="" type="checkbox"/> Leaf blade: length of tip	absent or short	medium	absent or short
<input checked="" type="checkbox"/> Leaf blade: shape of base	obtuse	acute	acute
<input type="checkbox"/> Leaf blade: depth of incisions on margin	deep	deep	deep
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	none	on margin	none
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: main colour	medium green	medium green	medium green

Organ/Plant Part: Context	'HORE0007'	'Schloss Wackerbath'	'Tea time compact Red'
<input type="checkbox"/> Leaf blade: secondary colour	none	none	none
<input checked="" type="checkbox"/> Leaf blade: glossiness	absent or weak	medium	absent or weak
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	concave	concave
<input type="checkbox"/> Petiole: colour	green	green	green
<input type="checkbox"/> Inflorescence: shape	flattened to globular	flattened to globular	flattened to globular
<input checked="" type="checkbox"/> Inflorescence: height	medium	short	medium
<input checked="" type="checkbox"/> Inflorescence: width	medium	narrow	medium
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Inflorescence: density of sterile flowers	medium	medium to dense	medium
<input checked="" type="checkbox"/> Sterile flower: diameter of calyx	medium	small	medium
<input type="checkbox"/> Sterile flower: number of sepals	4 and 5	4 and 5	4 and 5
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Sterile flower: shape of apex of sepals	pointed	pointed	pointed
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	flat	flat	weakly concave
<input type="checkbox"/> Sterile flower: overlapping of sepals	medium	medium	medium
<input checked="" type="checkbox"/> Sterile flower: undulation of sepals	absent or weak	absent or weak	strong
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	absent on all sepals	absent on all sepals	present on some sepals
<input type="checkbox"/> Sterile flower: depth of incisions of margin of sepals	shallow		shallow
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals	green	green	green
<input type="checkbox"/> Sterile flower: distribution of secondary colour of inner side of sepals	in upper half	in upper half	in lower half
<input checked="" type="checkbox"/> Sterile flower: pattern of secondary colour of inner side of sepals	solid	flush	solid

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HORE0007'	'Schloss Wackerbath'	'Tea time compact Red'
<input checked="" type="checkbox"/> Sterile flower: main colour of inner side of sepals (RHS Chart)	59 B+C	63 B	60 A+B
<input checked="" type="checkbox"/> Sterile flower: secondary colour of inner side of sepals (RHS Chart)	N137 B	N144 B + 144A	N137 B
<input type="checkbox"/> Sterile flower: Increase in predomance of secondary colour at aging	present	present	present
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium to late	medium

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	2017	Granted	'HORE0007'

First sold in The Netherlands in March 2017.

Descriptor: Steve Eggleton, Wonga Park, VIC.



Hydrangea (*Hydrangea macrophylla*) variety 'HORE0007'

Details of Application

Application Number	2021/065
Variety Name	'HORE0046'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Vibrant Verde
Accepted Date	22-Dec-2021
Applicant	Kwekerij Lendert de Vos B.V. The Netherlands.
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023, and transferred to 200mm pots. Pots were filled with soilless, pine bark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: as part of a hydrangea breeding program a controlled pollination between the paternal and maternal parents occurred in July 2011. As seedling was raised to flowering maturity and assessed in June 2013. It was then selected for on the criteria of compact plant habit, flower longevity long, stem strength strong, inflorescence rigidity strong, flower colour greenish and flower colour intensity strong. The first cutting propagation occurred in August 2015. All subsequent generations have proved uniform and stable. Breeder: Nick Van Rosmalen, Enkweg 39, 6881 LX Velp, 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	type	non-climbing
Stem	fasciation	absent
Stem	colour	green
Leaf blade	variegation	absent
Inflorescence	density of sterile flowers	dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Magical Coral'	
'Magical Rhapsody'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part Context			
'Magical Noblesse'	Inflorescence density of sterile flowers	dense	medium	
'Grunes Gewolbe'	Inflorescence rigidity	strong	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	'HORE0046'	'Magical Coral'	'Magical Rhapsody'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: height	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> Plant: height in relation to width	as tall as broad	taller than broad	taller than broad
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input type="checkbox"/> Stem: colour	green	green	green
<input type="checkbox"/> Stem: number of lenticels	medium to many	medium	medium
<input checked="" type="checkbox"/> Stem: size of lenticels	medium	medium	large
<input type="checkbox"/> Stem: colour of lenticels	blackish	blackish	blackish
<input type="checkbox"/> Leaf blade: length	short	short	short
<input checked="" type="checkbox"/> Leaf blade: width	broad	medium	medium
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape	circular	elliptic	ovate
<input checked="" type="checkbox"/> Leaf blade: length of tip	medium	absent or short	medium
<input type="checkbox"/> Leaf blade: shape of base	obtuse	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf blade: depth of incisions on margin	deep	medium	deep
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	on margin	on margin	on margin
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: main colour	light green	medium green	light green
<input type="checkbox"/> Leaf blade: secondary colour	none	none	none
<input checked="" type="checkbox"/> Leaf blade: glossiness	medium	absent or weak	medium
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	concave	concave
<input type="checkbox"/> Petiole: colour	green	green	green
<input type="checkbox"/> Inflorescence: shape	flattened to globular	flattened to globular	flattened to globular

Organ/Plant Part: Context	'HORE0046'	'Magical Coral'	'Magical Rhapsody'
<input type="checkbox"/> Inflorescence: height	short to medium	medium	short to medium
<input type="checkbox"/> Inflorescence: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Inflorescence: density of sterile flowers	dense	dense	dense
<input type="checkbox"/> Sterile flower: diameter of calyx	small	small	small
<input type="checkbox"/> Sterile flower: number of sepals	4 and 5	4 and 5	4 and 5
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Sterile flower: shape of apex of sepals	pointed	rounded	pointed
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	flat	flat	flat
<input checked="" type="checkbox"/> Sterile flower: overlapping of sepals	medium	strong	medium
<input checked="" type="checkbox"/> Sterile flower: undulation of sepals	medium	absent or weak	medium
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	present on all sepals	present on some sepals	present on all sepals
<input checked="" type="checkbox"/> Sterile flower: depth of incisions of margin of sepals	medium	shallow	medium
<input checked="" type="checkbox"/> Sterile flower: secondary colour of inner side of sepals	pink	green	white
<input checked="" type="checkbox"/> Sterile flower: distribution of secondary colour of inner side of sepals	throughout	distal margin	in lower half
<input checked="" type="checkbox"/> Sterile flower: pattern of secondary colour of inner side of sepals	irregular	flush	solid

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HORE0046'	'Magical Coral'	'Magical Rhapsody'
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium	medium to late
<input checked="" type="checkbox"/> Sterile flower: main colour of inner side of sepals (RHS Chart)	56B	68 C+D	144 B
<input checked="" type="checkbox"/> Sterile flower: secondary colour of inner side of sepals (RHS Chart)	144C + 4D	144B + N114B	NN155 B

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	2017	Granted	HORE0046'

First sold in The Netherlands in March 2017.

Descriptor: Steve Eggleton, Wonga Park, VIC.



Hydrangea (*Hydrangea macrophylla*) variety 'HORE0046'

Details of Application

Application Number	2021/066
Variety Name	'HORE0034'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Dolce Chic
Accepted Date	22-Dec-2021
Applicant	Kwekerij Lendert de Vos B.V. The Netherlands.
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023, and transferred to 200mm pots. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: as part of a hydrangea breeding program a controlled pollination between the paternal and maternal parents occurred in July 2011. As seedling was raised to flowering maturity and assessed in June 2013. It was then selected for on the criteria of compact plant habit, stem strength strong, inflorescence rigidity strong and flower colour bright pink with yellow center. The first cutting propagation occurred in August 2015. All subsequent generations have proved uniform and stable. Breeders: Nick Van Rosmalen, Enkweg 39, 6881 LX Velp, 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	type	non-climbing
Stem	fasciation	absent
Stem	colour	green
Leaf blade	variegation	absent
Sterile flower	diameter of calyx	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kirsten'	
'LK49'	

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
'Alpengluhen'	stem strength	strong	weak	

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

Organ/Plant Part: Context	'HORE0034'	'Kirsten'	'LK49'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: height	medium	short to medium	short to medium
<input checked="" type="checkbox"/> Plant: height in relation to width	as tall as broad	broader than tall	broader than tall
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input type="checkbox"/> Stem: color	green	green	green
<input checked="" type="checkbox"/> Stem: number of lenticels	medium	few to medium	absent or few
<input checked="" type="checkbox"/> Stem: size of lenticels	large	small	medium
<input checked="" type="checkbox"/> Stem: color of lenticels	blackish	reddish	blackish
<input type="checkbox"/> Leaf blade: length	medium	short to medium	short to medium
<input checked="" type="checkbox"/> Leaf blade: width	broad	medium	medium
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape	ovate	ovate	circular
<input checked="" type="checkbox"/> Leaf blade: length of tip	medium	medium	absent or short
<input checked="" type="checkbox"/> Leaf blade: shape of base	obtuse	obtuse	rounded
<input checked="" type="checkbox"/> Leaf blade: depth of incisions on margin	deep	deep	medium
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	on margin	on margin	on margin
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: main color	medium green	medium green	medium green
<input type="checkbox"/> Leaf blade: secondary color	none	none	none
<input type="checkbox"/> Leaf blade: glossiness	absent or weak	medium	absent or weak
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	concave	concave
<input type="checkbox"/> Petiole: color	green	green	green
<input type="checkbox"/> Inflorescence: shape	flattened to globular	flattened to globular	flattened to globular
<input type="checkbox"/> Inflorescence: height	short to medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: width	broad	medium to broad	medium
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak

Organ/Plant Part: Context	'HORE0034'	'Kirsten'	'LK49'
<input type="checkbox"/> Inflorescence: density of sterile flowers	medium to dense	medium	medium
<input type="checkbox"/> Sterile flower: diameter of calyx	medium	medium	medium
<input type="checkbox"/> Sterile flower: number of sepals	4 and 5	4 and 5	4 and 5
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	horizontal	semi-erect
<input checked="" type="checkbox"/> Sterile flower: shape of apex of sepals	rounded	pointed	pointed
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	flat	flat	flat
<input checked="" type="checkbox"/> Sterile flower: overlapping of sepals	strong	weak	medium
<input type="checkbox"/> Sterile flower: undulation of sepals	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	present on some sepals	absent on all sepals	absent on all sepals
<input type="checkbox"/> Sterile flower: depth of incisions of margin of sepals	shallow		
<input type="checkbox"/> Sterile flower: secondary color of inner side of sepals	none	none	none

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HORE0034'	'Kirsten'	'LK49'
<input type="checkbox"/> Flower: time of beginning of flowering	medium	medium	medium
<input checked="" type="checkbox"/> Sterile flower: main color of inner side of sepals (RHS Chart)	N57 C	63 A	63 A+B

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2019	Granted	HORE0034'

First sold in The Netherlands in March 2017.

Description: Steve Eggleton, Wonga Park, VIC.



HORE0034

Kirsten

LK49

Hydrangea (Hydrangea macrophylla) variety 'HORE0034'

Details of Application

Application Number	2021/067
Variety Name	'HORE0031'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Elegant Rosa
Accepted Date	22-Dec-2021
Applicant	Kwekerij Lendert de Vos B.V. The Netherlands.
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Overseas Testing Authority	GEVES
Overseas Data Reference Number	DEE 4060793 -No 52417
Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023 and transferred to 200mm pots. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: as part of a hydrangea breeding program a controlled pollination between the paternal and maternal parents occurred in July 2011. As seedling was raised to flowering maturity and assessed in June 2013. It was then selected for on the criteria of compact plant habit, flower longevity long, stem strength strong, flower colour light pink and flower colour intensity strong. The first cutting propagation occurred in August 2015. All subsequent generations have proved uniform and stable. Breeder: Nick Van Rosmalen, Enkweg 39, 6881 LX Velp, 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	type	non-climbing
Plant	growth habit	upright
Stem	fasciation	absent
Stem	colour	green
Leaf blade	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'HORTMOC'	(International data)

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

Organ/Plant Part: Context	'HORE0031'	'HORTMOC'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: height	short to medium	
<input type="checkbox"/> Plant: height in relation to width	broader than tall	
<input type="checkbox"/> Stem: fasciation	absent	absent
<input type="checkbox"/> Stem: colour	green	green
<input checked="" type="checkbox"/> Stem: number of lenticels	few to medium	many
<input type="checkbox"/> Stem: size of lenticels	medium	
<input type="checkbox"/> Stem: colour of lenticels	blackish	
<input type="checkbox"/> Leaf blade: length	medium	
<input type="checkbox"/> Leaf blade: width	medium to broad	
<input type="checkbox"/> Leaf blade: lobing	absent	
<input type="checkbox"/> Leaf blade: shape	circular	
<input type="checkbox"/> Leaf blade: length of tip	medium	
<input type="checkbox"/> Leaf blade: shape of base	rounded	
<input type="checkbox"/> Leaf blade: depth of incisions on margin	medium	
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	absent or very weak	
<input type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	none	
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf blade: main colour	dark green	medium green
<input type="checkbox"/> Leaf blade: secondary colour	none	
<input type="checkbox"/> Leaf blade: glossiness	absent or weak	
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	
<input type="checkbox"/> Petiole: colour	green	
<input type="checkbox"/> Inflorescence: shape	globular	
<input type="checkbox"/> Inflorescence: height	medium	
<input type="checkbox"/> Inflorescence: width	medium to broad	
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	
<input type="checkbox"/> Inflorescence: density of sterile flowers	medium to dense	
<input type="checkbox"/> Sterile flower: diameter of calyx	medium	
<input type="checkbox"/> Sterile flower: number of sepals	3 and 4	
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	
<input type="checkbox"/> Sterile flower: shape of apex of sepals	pointed	
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	weakly concave	
<input checked="" type="checkbox"/> Sterile flower: overlapping of sepals	weak	medium

Organ/Plant Part: Context	'HORE0031'	'HORTMOC'
<input type="checkbox"/> Sterile flower: undulation of sepals	absent or weak	
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	absent on all sepals	present on all sepals
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals	white	
<input type="checkbox"/> Sterile flower: distribution of secondary colour of inner side of sepals	in lower half	
<input type="checkbox"/> Sterile flower: pattern of secondary colour of inner side of sepals	flush	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HORE0031'	'HORTMOC'
<input type="checkbox"/> Sterile flower: main colour of inner side of sepals (RHS Chart)	65D	
<input type="checkbox"/> Flower: time of beginning of flowering	medium	
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals (aged) (RHS Chart)	145B	
<input type="checkbox"/> Sterile flower: secondary colour at aging	present	
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals (RHS Chart)	N155D	
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals (aged)	green	
<input type="checkbox"/> Sterile flower: distribution of secondary colour of inner side of sepals (aged)	throughout	
<input type="checkbox"/> Sterile flower: pattern of secondary colour of inner side of sepals (aged)	flush	

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2016	Granted	'HORE0031'
USA	2017	Granted	'HORE0031'

First sold in The Netherlands in March 2017.

Descriptor: Steve Eggleton, Wonga Park, VIC.



Hydrangea (Hydrangea macrophylla) variety 'HORE0031'

Details of Application

Application Number	2021/071
Variety Name	'Macuba'
Genus Species	<i>Capsicum annuum</i>
Common Name	Sweet Pepper
Accepted Date	21-Jul-2021
Applicant	Enza Zaden Beheer B.V., Haling 1E, 1602DB, The Netherlands
Agent	Spruson & Ferguson, Level 6, 175 Eagle Street Brisbane, QLD
Qualified Person	Stephen Kammholz

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	PPS1995
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/76/2 Rev. 15-03-2017
Period	2020-2021
Conditions	As per UPOV guidelines
Trial Design	As per UPOV guidelines
Measurements	As per UPOV guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Pepper 'Macuba' was selected in 2018 from a hybrid made from two inbred parents in August 2017. Its performance was confirmed in larger scale trials in Canada and The Netherlands during 2019 and 2020. Criteria used for selection included plant vigour, overall production, fruit setting, fruit weight, fruit shape, shelf life and disease resistances. Breeder's: Wouter Lindeman, Haling 1E, 1602DB, 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
Seedling	anthocyanin colouration of hypocotyl	present
Plant	shortened internodes (upper part)	absent
Fruit	colour (before maturity)	green
Fruit	shape in longitudinal section	square to trapezoidal
Fruit	colour (at maturity)	red
Fruit	number of locules	equally three and four
Fruit	capsaicin in placenta	absent
Plant	resistance to <i>Tobamovirus pathotype 0</i>	present
Plant	resistance to <i>Tobamovirus pathotype 1-2</i>	present
Plant	resistance to <i>Tobamovirus pathotype 1-2-3</i>	absent
Plant	resistance to <i>Potato virus Y pathotype 0</i>	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Redwing'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in		Comments
		Candidate Variety	Comparator Variety	
'Mavera'	Plant height	tall	medium	
'Mavera'	Fruit diameter	very broad	broad	
'Mavera'	Plant resistance to <i>Leveillula taurica</i>	present	absent	

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

Organ/Plant Part: Context	'Macuba'	'Redwing'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl	present	
<input type="checkbox"/> Plant: height	medium to tall	
<input type="checkbox"/> Plant: shortened internodes	absent	
<input type="checkbox"/> Plant absent: length of internodes	medium	
<input type="checkbox"/> Stem: intensity of anthocyanin coloration of nodes	medium	
<input type="checkbox"/> Stem: hairiness of nodes	medium	
<input type="checkbox"/> Leaf blade: ength	medium to long	
<input type="checkbox"/> Leaf blade: width	medium to broad	
<input type="checkbox"/> Leaf blade: intensity of green color	medium to dark	
<input type="checkbox"/> Leaf blade: undulation of margin	strong	
<input type="checkbox"/> Leaf blade: blistering	medium to strong	
<input type="checkbox"/> Leaf blade: glossiness	medium	
<input type="checkbox"/> Flower: attitude of pedicel	semi-drooping	
<input type="checkbox"/> Flower: anthocyanin colouration of anther	present	
<input type="checkbox"/> Immature fruit: colour	green	
<input type="checkbox"/> Immature fruit: intensity of colour	medium to dark	
<input type="checkbox"/> Fruit: anthocyanin colouration	absent or weak	
<input type="checkbox"/> Fruit: attitude	drooping	
<input type="checkbox"/> Fruit: length	short to medium	
<input type="checkbox"/> Fruit: diameter	large to very large	
<input type="checkbox"/> Fruit: ratio length/diameter	medium	
<input type="checkbox"/> Fruit: shape in longitudinal section	square	
<input type="checkbox"/> Fruit: shape in cross section	angular	

<input type="checkbox"/> Fruit: situation of pericarp at basal part	absent or very weak
<input type="checkbox"/> Fruit: situation of pericarp excluding basal part	absent or weak
<input type="checkbox"/> Fruit: shape of apex	moderately depressed
<input type="checkbox"/> Fruit: texture of surface	smooth or weakly wrinkled
<input type="checkbox"/> Fruit: colour	red
<input type="checkbox"/> Fruit: intensity of colour	medium
<input type="checkbox"/> Fruit: glossiness	medium
<input checked="" type="checkbox"/> Fruit: depth of stalk cavity	shallow to medium shallow
<input type="checkbox"/> Fruit: depth of interloculary grooves	shallow to medium
<input type="checkbox"/> Fruit: number of locules	equally three and four
<input type="checkbox"/> Fruit: thickness of flesh	medium to thick
<input type="checkbox"/> Fruit: capsaicin in placenta	absent
<input checked="" type="checkbox"/> Stalk: length	medium to long medium
<input type="checkbox"/> Stalk: thickness	medium to thick
<input type="checkbox"/> Calyx: aspect	non enveloping
<input checked="" type="checkbox"/> Maturity: time of	early to medium medium
<input type="checkbox"/> Resistance to: <i>Tobamovirus</i> - <i>Tobacco mosaic virus</i> - Group O (TMV:O)	present
<input type="checkbox"/> Resistance to: <i>Tobamovirus</i> - <i>Pepper mild mottle virus</i> - Group 2 (PMMoV: 1.2)	present
<input type="checkbox"/> Resistance to: <i>Tobamovirus</i> - <i>Pepper mild mottle virus</i> - Group 3 (PMMoV: 1.2.3)	absent
<input type="checkbox"/> Resistance to: <i>Tobamovirus</i> - <i>Potato Y virus</i> (PVY) - Pathotype 0 (PVY:0)	absent
<input type="checkbox"/> Resistance to: <i>Tomato spotted wilt virus</i> Pathotype 0 (TSWV:0)	present

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2020	Granted	'Macuba'
The Netherlands	2019	Granted	'Macuba'

First sold in The Netherlands in October 2019 and in Australia June 2020

Description: Stephen Kammholz, Tullamarine, VIC



Sweet Pepper (*Capsicum annuum*) – Variety 'Macuba'

Details of Application

Application Number	2021/134
Variety Name	'Hortmamore'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Magicalamore
Accepted Date	21-Sep-2021
Applicant	Kolster Holdings BV Boskoop, Holland & Horteve Breeding Drie Kolommenplein 13, Holland.
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023, and transferred to 200mm pots. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination occurred in June 2010 as part of an ongoing breeding program with the objective of developing varieties with red flowers, strong flower stems and strong sepal rigidity. The seedlings were germinated and grown on until a single selection was made in August 2014 exhibiting the desired characteristic. Propagation via cuttings from this single selection were taken and grown on to ensure stability of selected traits. Breeder: Corenlis Pieter, Kolster Holdings BV Boskoop, Holland & Horteve Breeding Drie Kolommenplein 13, Holland.

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	non-climbing
Stem	fasciation	absent
Stem	colour	green
Leaf blade	variegation	absent
Plant	growth habit	upright
Leaf blade	shape	circular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kolmaru'	
'HORTMAGICRI'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part			
'Hortmalegretto'	Flower	number strong	medium	
'Hortmagitri'	Flower	number strong	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	'Hortmamore'	'HORTMAGICRI'	'Kolmaru'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: height	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> Plant: height in relation to width	taller than broad	broader than tall	broader than tall
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input type="checkbox"/> Stem: colour	green	green	green
<input checked="" type="checkbox"/> Stem: number of lenticels	few to medium	medium to many	few to medium
<input checked="" type="checkbox"/> Stem: size of lenticels	medium	large	large
<input type="checkbox"/> Stem: colour of lenticels	blackish	blackish	blackish
<input type="checkbox"/> Leaf blade: length	short	short to medium	short to medium
<input type="checkbox"/> Leaf blade: width	medium	medium	medium
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input type="checkbox"/> Leaf blade: shape	circular	circular	circular
<input checked="" type="checkbox"/> Leaf blade: length of tip	medium	medium	absent or short
<input checked="" type="checkbox"/> Leaf blade: shape of base	rounded	rounded	obtuse
<input type="checkbox"/> Leaf blade: depth of incisions on margin	deep	deep	deep
<input checked="" type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	strong	medium	medium
<input type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	throughout	throughout	throughout
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: main colour	dark green	medium green	dark green
<input type="checkbox"/> Leaf blade: secondary colour	none	none	none
<input checked="" type="checkbox"/> Leaf blade: glossiness	strong	medium	medium
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	concave	concave
<input type="checkbox"/> Petiole: colour	green	green	green
<input type="checkbox"/> Inflorescence: shape	globular	flattened to globular	flattened to globular
<input type="checkbox"/> Inflorescence: height	medium	medium	medium
<input type="checkbox"/> Inflorescence: width	narrow to medium	narrow to medium	medium

Organ/Plant Part: Context	'Hortmamore'	'HORTMAGICRI'	'Kolmaru'
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Inflorescence: density of sterile flowers	medium	dense	medium
<input type="checkbox"/> Sterile flower: diameter of calyx	small to medium	small to medium	medium
<input checked="" type="checkbox"/> Sterile flower: number of sepals	4 and 5	3 and 4	3 and 4
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Sterile flower: shape of apex of sepals	rounded	pointed	pointed
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	weakly concave	weakly concave	weakly concave
<input checked="" type="checkbox"/> Sterile flower: overlapping of sepals	strong	medium	medium
<input type="checkbox"/> Sterile flower: undulation of sepals	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	present on all sepals	absent on all sepals	present on some sepals
<input type="checkbox"/> Sterile flower: depth of incisions of margin of sepals	shallow		shallow
<input type="checkbox"/> Sterile flower: secondary colour of inner side of sepals	none	none	none

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Hortmamore'	'HORTMAGICRI'	'Kolmaru'
<input checked="" type="checkbox"/> Sterile flower: main colour of inner side of sepals (RHS Chart)	60A	60A+B	60B+C
<input type="checkbox"/> Flower: time of beginning of flowering	medium	medium	medium

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2016	Granted	'Hortmamore'
USA	2017	Granted	'Hortmamore'

First sold in The Netherlands in July 2017.

Descriptor: Steve Eggleton, Wonga Park, VIC.



Hortmamore

Kolmaru

Hortmagicri

Hydrangea (*Hydrangea macrophylla*) variety 'Hortmamore'

Details of Application

Application Number	2021/181
Variety Name	'EMR 20171'
Genus Species	<i>Rubus idaeus</i>
Common Name	Raspberry
Synonym	MallingBella
Accepted Date	09-Dec-2021
Applicant	National Institute of Agricultural Botany (NIAB) EMR, Cambridge, UK.
Agent	Crop & Nursery Services, Macmasters, Beach, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	COBORU Slupia Wielka PL
Overseas Data Reference Number	MAJ 8094
Location	ZDOO w Maslowicach PL
Descriptor	CPVO TP/043/2 and TG/43/7
Period	2017-2019
Conditions	according to CPVO-TP/043/2 and TG/43/7
Trial Design	according to CPVO-TP/043/2 and TG/43/7
Measurements	according to CPVO-TP/043/2 and TG/43/7
RHS Chart - edition	

Origin and Breeding

Open pollination: seed parent possibly (putative) 'Maravilla' in 2004. 'Maravilla' is characterised by a medium to slightly dark red fruit colour, long fruiting period and short to medium terminal leaflet length. Final selection in 2007. Selection criteria: mid-season primocane variety, excellent fruit quality with long shelf-life; suited to UK and Southern EU production. Propagation: vegetative by cuttings and micropropagation. Breeder: Felicidad Fernandez, NIAB EMR, Cambridge, 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
Very young shoot	anthocyanin colouration of apex during rapid growth	present
Spines	presence	present
Fruit	colour	medium red
Fruit	main bearing type	both on previous year's cane in summer and on current year's cane in autumn
Time of	beginning of fruit ripening on previous year's cane	medium
Time of	beginning of fruit ripening on current	medium

Organ/Plant Part	Context	State of Expression in Group of Varieties
	season's cane in autumn	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Autumn Bliss'	
'Poemat'	
'EMR 20172'	

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

Organ/Plant Part: Context	'EMR 20171'	'Autumn Bliss'	'EMR 20172'	'Poemat'
<input type="checkbox"/> Plant: habit	semi-upright			
<input checked="" type="checkbox"/> *Plant: number of current season's canes	few to medium	medium to many		
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present			
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium			
<input checked="" type="checkbox"/> Current season's cane: bloom	very weak to weak			weak to medium
<input type="checkbox"/> Current season's cane: anthocyanin colouration	medium			
<input type="checkbox"/> Current season's cane: length of internode	short			
<input type="checkbox"/> Current season's cane: length of vegetative bud	short to medium			
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	medium			
<input checked="" type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	medium to long		short to medium	
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown			
<input type="checkbox"/> *Spines: presence	present			
<input type="checkbox"/> *Spines: density (varieties with spines present only)	medium to dense			
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	medium			
<input type="checkbox"/> Spines: length (varieties with spines present only)	short to medium			
<input type="checkbox"/> Spines: colour (varieties with spines present only)	brownish purple			

Organ/Plant Part: Context	'EMR 20171'	'Autumn Bliss'	'EMR 20172'	'Poemat'
<input type="checkbox"/> *Leaf: green colour of upper side	medium to dark			
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five			
<input type="checkbox"/> Leaf: profile of leaflets in cross section	straight			
<input type="checkbox"/> *Leaf: rugosity	medium to strong			
<input checked="" type="checkbox"/> Leaf: relative position of lateral leaflets	touching	overlapping		
<input type="checkbox"/> Terminal leaflet: length	long			
<input checked="" type="checkbox"/> Terminal leaflet: width	broad			medium
<input checked="" type="checkbox"/> Pedicel: number of spines	very few to few			medium
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	present			
<input type="checkbox"/> *Peduncle: intensity of anthocyanin colouration	weak to medium			
<input type="checkbox"/> Flower: size	medium to large			
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect			
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long			
<input type="checkbox"/> *Fruit: length	medium to long			
<input type="checkbox"/> *Fruit: width	medium to broad			
<input type="checkbox"/> *Fruit: ratio length/width	medium to large			
<input type="checkbox"/> *Fruit: general shape in lateral view	broad conical			
<input checked="" type="checkbox"/> Fruit: size of single drupe	large	medium		
<input type="checkbox"/> *Fruit: colour	medium red			
<input checked="" type="checkbox"/> Fruit: glossiness	strong	medium	medium	medium
<input type="checkbox"/> *Fruit: firmness	medium to firm			
<input type="checkbox"/> Fruit: adherence to plug	weak to medium			
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn			
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	medium			

Organ/Plant Part: Context	'EMR 20171'	'Autumn Bliss'	'EMR 20172'	'Poemat'
<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	medium			
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium			
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium			
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	medium			
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium			
<input type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	short to medium			
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium			

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2017	Granted	'EMR 20171'
GB	2020	Granted	'EMR 20171'
RS	2021	Granted	'EMR 20171'
MX	2020	Granted	'EMR 20171'
CH	2021	Granted	'EMR 20171'

First sold in QZ in 2017.

Descriptor: Ian Paananen, Crop & Nursery Services, Macmasters, Beach, NSW.



Raspberry (*Rubus idaeus*) variety 'EMR 20171'

Details of Application

Application Number	2021/182
Variety Name	'EMR 20172'
Genus Species	<i>Rubus idaeus</i>
Common Name	Raspberry
Synonym	Malling Charm
Accepted Date	08-Oct-2021
Applicant	National Institute of Agricultural Botany (NIAB), Cambridge, UK.
Agent	Crop & Nursery Services, Macmasters, Beach, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	COBORU Slupia Wielka PL
Overseas Data Reference Number	MAJ 8095
Location	ZDOO w Maslowicach PL
Descriptor	CPVO TP/043/2 and TG/43/7
Period	2017-2019
Conditions	according to CPVO-TP/043/2 and TG/43/7
Trial Design	according to CPVO-TP/043/2 and TG/43/7
Measurements	according to CPVO-TP/043/2 and TG/43/7
RHS Chart - edition	n/a

Origin and Breeding

Open pollination: seed parent (putative) 'Dulcita' or possibly (putative) 'Francesca' in 2007. 'Dulcita' is characterised by a dark red fruit colour and upright plant growth habit. 'Francesca' is characterised by a medium fruit size and leaves with 5 leaflets. Final selection in 2009. Selection criteria: high fruit quality in primocane fruiting varieties, earliness, large fruit size and pale colour. Propagation: vegetative by cuttings and micropropagation. Breeder: Felicidad Fernandez, NIAB, Cambridge, 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
Very young shoot	anthocyanin colouration of apex during rapid growth	present
Spines	presence	present
Fruit	main bearing type	both on previous year's cane in summer and on current year's cane in autumn
Time of ripening	beginning of fruit ripening on previous year's cane	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'isf398'	also known as Rome Bright
'EMR 20171'	

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

Organ/Plant Part: Context	'EMR 20172'	'EMR 20171'	'isf398'
<input type="checkbox"/> Plant: habit	semi-upright		
<input type="checkbox"/> *Plant: number of current season's canes	few		
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present		
<input checked="" type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium		weak
<input type="checkbox"/> Current season's cane: bloom	very weak to weak		
<input type="checkbox"/> Current season's cane: anthocyanin colouration	weak to medium		
<input type="checkbox"/> Current season's cane: length of internode	short		
<input type="checkbox"/> Current season's cane: length of vegetative bud	short to medium		
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	short to medium		
<input checked="" type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	short to medium	medium to long	
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown		
<input type="checkbox"/> *Spines: presence	present		
<input type="checkbox"/> *Spines: density (varieties with spines present only)	sparse to medium		
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	medium to large		
<input type="checkbox"/> Spines: length (varieties with spines present only)	short		
<input type="checkbox"/> Spines: colour (varieties with spines present only)	brownish purple		
<input type="checkbox"/> *Leaf: green colour of upper side	medium to dark		
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five		
<input type="checkbox"/> Leaf: profile of leaflets in cross section	straight		
<input type="checkbox"/> *Leaf: rugosity	medium		
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching		
<input type="checkbox"/> Terminal leaflet: length	medium to long		
<input type="checkbox"/> Terminal leaflet: width	medium to broad		
<input checked="" type="checkbox"/> Pedicel: number of spines	absent or very few		few to medium
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	present		
<input type="checkbox"/> *Peduncle: intensity of anthocyanin colouration	medium		
<input type="checkbox"/> Flower: size	medium to large		

Organ/Plant Part: Context	'EMR 20172'	'EMR 20171'	'isf398'
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on semi-erect previous year's cane in summer)			
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on short to medium previous year's cane in summer)			
<input type="checkbox"/> *Fruit: length	medium to long		
<input type="checkbox"/> *Fruit: width	medium to broad		
<input type="checkbox"/> *Fruit: ratio length/width	medium to large		
<input type="checkbox"/> *Fruit: general shape in lateral view	broad conical		
<input type="checkbox"/> Fruit: size of single drupe	large		
<input checked="" type="checkbox"/> *Fruit: colour	medium red		light red
<input checked="" type="checkbox"/> Fruit: glossiness	medium	strong	
<input type="checkbox"/> *Fruit: firmness	medium to firm		
<input type="checkbox"/> Fruit: adherence to plug	weak to medium		
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn		
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	medium		
<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	medium		
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium		
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium		
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	medium		
<input checked="" type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium		late
<input type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	short to medium		
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium		

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2017	Granted	'EMR 20172'
GB	2020	Granted	'EMR 20172'
RS	2021	Granted	'EMR 20172'

Country	Year	Status	Name Applied
MX	2020	Granted	'EMR 20172'
CH	2021	Granted	'EMR 20172'

First sold in QZ in 2017.

Descriptor: **Ian Paananen**, Crop & Nursery Services, Macmasters, Beach, NSW.



Raspberry (*Rubus idaeus*) variety 'EMR 20172'

Details of Application

Application Number	2021/183
Variety Name	'HORTMAGICRI'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Magicalcrimson
Accepted Date	05-Nov-2021
Applicant	Kolster Holdings BV Boskoop, Holland
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/133/5
Period	November 2022 - January 2025
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in April 2023, and transferred to 200mm pots. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: was undertaken as part of an ongoing breeding program with the objective of developing varieties with red flowers, strong flower stems and strong sepal rigidity. The seedlings were germinated and grown on until a single selection was made exhibiting the desired characteristic. Propagation via cuttings from this single selection were taken and grown on to ensure stability of selected traits. Breeder: Kolster Holdings BV Boskoop, Holland.

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	non-climbing
Stem	fasciation	absent
Stem	colour	green
Leaf blade	variegation	absent
Plant	growth habit	upright
Leaf blade	shape	circular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kolmaru'	
'Hortmamore'	

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

Organ/Plant Part: Context	'HORTMAGICRI'	'Hortmamore'	'Kolmaru'
<input type="checkbox"/> Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: height	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> Plant: height in relation to width	broader than tall	taller than broad	broader than tall
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input type="checkbox"/> Stem: color	green	green	green
<input checked="" type="checkbox"/> Stem: number of lenticels	medium to many	few to medium	few to medium
<input checked="" type="checkbox"/> Stem: size of lenticels	large	medium	large
<input type="checkbox"/> Stem: color of lenticels	blackish	blackish	blackish
<input type="checkbox"/> Leaf blade: length	short to medium	short	short to medium
<input type="checkbox"/> Leaf blade: width	medium	medium	medium
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input type="checkbox"/> Leaf blade: shape	circular	circular	circular
<input type="checkbox"/> Leaf blade: length of tip	medium	medium	absent or short
<input checked="" type="checkbox"/> Leaf blade: shape of base	rounded	rounded	obtuse
<input type="checkbox"/> Leaf blade: depth of incisions on margin	deep	deep	deep
<input checked="" type="checkbox"/> Leaf blade: intensity of anthocyanin coloration	medium	strong	medium
<input type="checkbox"/> Leaf blade: distribution of anthocyanin coloration	throughout	throughout	throughout
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: main color	medium green	dark green	dark green
<input type="checkbox"/> Leaf blade: secondary color	none	none	none
<input checked="" type="checkbox"/> Leaf blade: glossiness	medium	strong	medium
<input type="checkbox"/> Leaf blade: shape in cross-section	concave	concave	concave
<input type="checkbox"/> Petiole: color	green	green	green
<input type="checkbox"/> Inflorescence: shape	flattened to globular	globular	flattened to globular
<input type="checkbox"/> Inflorescence: height	medium	medium	medium
<input type="checkbox"/> Inflorescence: width	narrow to medium	narrow to medium	medium
<input type="checkbox"/> Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Inflorescence: density of sterile flowers	dense	medium	medium
<input type="checkbox"/> Sterile flower: diameter of calyx	small to medium	small to medium	medium
<input checked="" type="checkbox"/> Sterile flower: number of sepals	3 and 4	4 and 5	3 and 4
<input type="checkbox"/> Sterile flower: attitude of sepals	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Sterile flower: shape of apex of sepals	pointed	rounded	pointed
<input type="checkbox"/> Sterile flower: shape of sepals in cross-section	weakly concave	weakly concave	weakly concave
<input checked="" type="checkbox"/> Sterile flower: overlapping of sepals	medium	strong	medium

Organ/Plant Part: Context	'HORTMAGICRI'	'Hortmamore'	'Kolmaru'
<input type="checkbox"/> Sterile flower: undulation of sepals	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Sterile flower: incisions of margin of sepals	absent on all sepals	present on all sepals	present on some sepals
<input type="checkbox"/> Sterile flower: secondary color of inner side of sepals	none	none	none

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HORTMAGICRI'	'Hortmamore'	'Kolmaru'
<input type="checkbox"/> Sterile flower: main color of inner side of sepals (RHS Chart)	60A+B	60A	60B+C
<input type="checkbox"/> Flower: time of beginning of flowering	medium	medium	medium
<input checked="" type="checkbox"/> Sterile flower: depth of incisions of margin of sepals	absent	shallow	shallow

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2014	Granted	'HORTMAGICRI'
JP	2018	Granted	'HORTMAGICRI'

First sold in The Netherlands in August 2017.

Description: Steve Eggleton, Wonga Park, VIC.



Hydrangea (*Hydrangea macrophylla*) variety 'HORTMAGICRI'

Details of Application

Application Number	2021/280
Variety Name	'AUSCARTOON'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Accepted Date	17-Dec-2021
Applicant	David Austin Roses Limited, Wolverhampton, The United Kingdom.
Agent	Wagners Rose Nursery Pty Ltd, Kalangadoo, SA.
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	Western Port Hwy, Skye Victoria
Descriptor	TG/11/8 Rev. 2 Rose (new)
Period	July 2023 to December 2023
Conditions	The trial was conducted in an environmentally controlled glass house in a hydroponic system. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime.
Trial Design	The trial was set on raised beds in wrapped coir slabs (1.1metres long x 100mm high x 150mm wide) with 7 plants per slab, in a single row. The plants were on there own roots and were all propagated in June 2023 and planted in July 2023
Measurements	Measurements were taken at random from second generation flush.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: In 2010, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, England, Mr David Austin selected an unnamed seedling to be the mother and an unnamed seedling to be the father. The resulting seed was sown in January 2011, from which several seedlings grew. The best of these seedlings was then selected and from this plant, in July 2011, 8 buds were taken and grafted (using the 'T'-budding method) onto *Rosa Laxa* root-stock outdoors. The following year, in 2012, the variety was considered good enough to be increased by grafting to 30 plants, which were monitored for 2 years. In 2014, the increase was up to 200, and again for two years after that the roses were monitored for success. In 2016, it was once again selected, and it was decided the variety was good enough to be increased to 1,000. In 2017 the variety was increased by further budding to 7,500, sufficient budding to support commercial sales in 2018-19, following first introduction by David Austin Roses Limited in February 2018. Breeder: David Austin Roses Limited, Wolverhampton, The 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 type	shrub

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Plant	height	tall
Flower	colour group	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Noalesa'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part			
'AUSUFO'	Flower colour	yellow	orange	
'R. Xanthina Var. Spontanea "Canary Bird"'	Plant species	hybrid	xanthina	

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

Organ/Plant Part: Context	'AUSCARTOON'	'Noalesa'
<input type="checkbox"/> Plant: growth type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	semi upright	semi upright
<input type="checkbox"/> Plant: height (during second flush)	tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	weak
<input type="checkbox"/> Stem: number of prickles (excluding very small and hair-like prickles)	medium	medium to many
<input type="checkbox"/> Prickles: dominant colour (as for 6)	yellowish	yellowish
<input type="checkbox"/> Leaf: size	medium	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour (upper side)	medium	dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak to medium	strong
<input checked="" type="checkbox"/> Leaflet: undulation of margin	weak	medium to strong
<input type="checkbox"/> Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present

Organ/Plant Part: Context	'AUSCARTOON'	'Noalesa'
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	medium to many
<input checked="" type="checkbox"/> Flowering shoot: number of flowers	very few	medium to many
<input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral	very few	medium
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	elliptic	medium ovate
<input checked="" type="checkbox"/> Flower: type	single	semi-double
<input type="checkbox"/> Flower: colour group	yellow	yellow
<input type="checkbox"/> Flower: colour of centre	yellow	yellow
<input type="checkbox"/> Flower: diameter	medium	medium
<input checked="" type="checkbox"/> Flower: shape	star-shaped	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input checked="" type="checkbox"/> Flower: profile of lower part	flat	concave
<input checked="" type="checkbox"/> Flower: fragrance	medium	absent or weak
<input checked="" type="checkbox"/> Sepal: extensions	strong	weak to medium
<input type="checkbox"/> Petal: shape	obcordate	obcordate
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	weak	medium
<input checked="" type="checkbox"/> Petal: undulation	absent or very weak to weak	weak to medium
<input checked="" type="checkbox"/> Petal: size	large	medium
<input checked="" type="checkbox"/> Petal: length	long	medium
<input type="checkbox"/> Petal: width	medium	medium
<input type="checkbox"/> Petal: number of colours on inner side (basal spot excluded)	one	one
<input type="checkbox"/> Petal: intensity of colour (basal spot excluded)	lighter towards the top	lighter towards the top
<input checked="" type="checkbox"/> Petal: main colour on inner side (that with largest surface area) (RHS Colour Chart)	5D	10C
<input type="checkbox"/> Petal: basal spot on inner side	absent	absent
<input type="checkbox"/> Petal: main colour on outer side (only if different from inner side) (RHS Colour Chart)	4D	4C
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	orange	medium yellow
<input type="checkbox"/> Seed vessel: size (at petal fall)	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

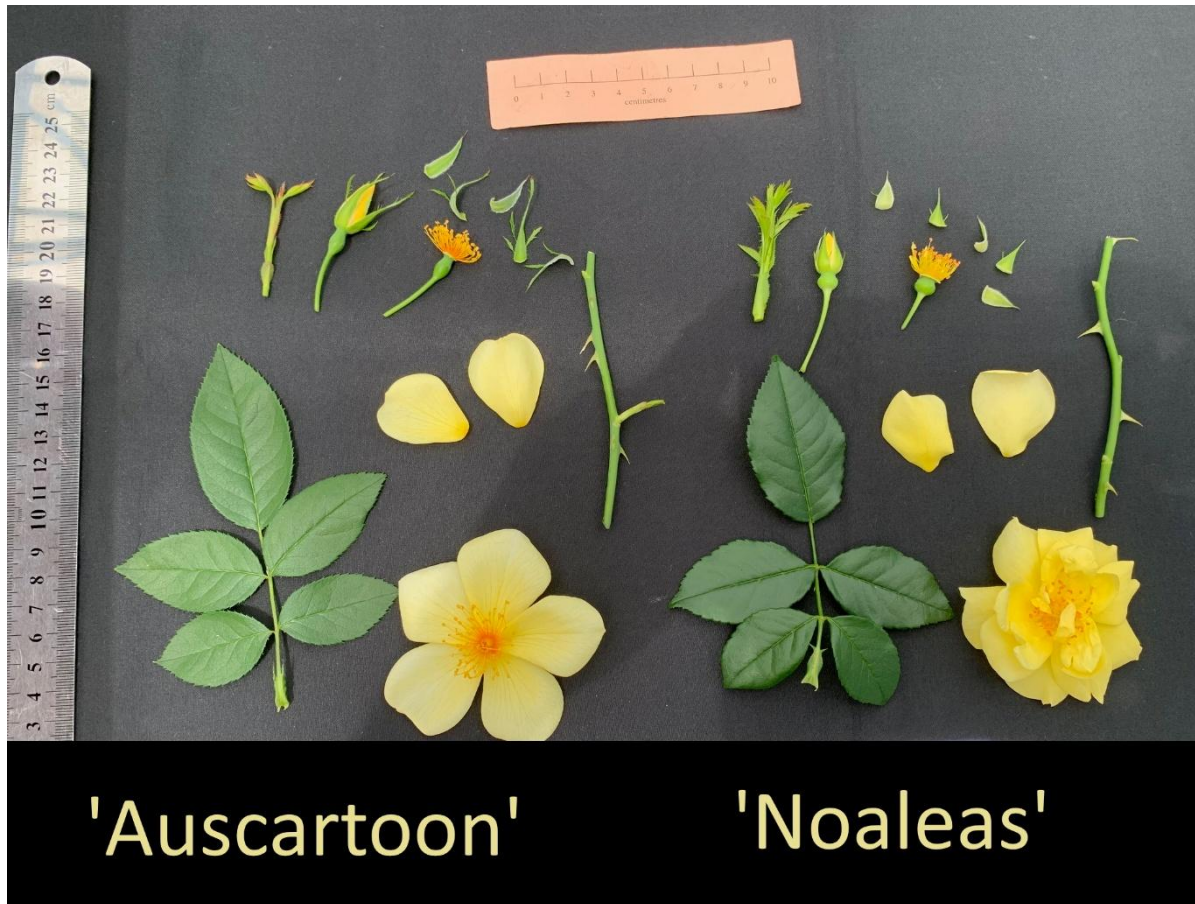
Prior Applications and Sales

Country	Year	Status	Name Applied
GB	2018	Granted	'AUSCARTOON'
QZ	2019	Granted	'AUSCARTOON'
CN	2021	Granted	'AUSCARTOON'
JP	2019	Granted	'AUSCARTOON'

Country	Year	Status	Name Applied
KR	2021	Granted	'AUSCARTOON'

First sold in UK in Feb 2018.

Description: Christopher Prescott, Mount Eliza, VIC.



Rose (*Rosa* hybrid) variety 'AUSCARTOON'

Details of Application

Application Number	2021/281
Variety Name	'AUSEARNSHAW'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Accepted Date	17-Dec-2021
Applicant	David Austin Roses Limited, Wolverhampton, The United Kingdom.
Agent	Wagners Rose Nursery Pty Ltd, Kalangadoo, SA.
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	Western Port Hwy, Skye Victoria
Descriptor	TG/11/8 Rev. 2 Rose (new)
Period	July 2023 to February 2024
Conditions	The trial was conducted in an environmentally controlled glass house in a hydroponic system. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime.
Trial Design	The trial was set on raised beds in wrapped coir slabs (1.1metres long x 100mm high x 150mm wide) with 7 plants per slab, in a single row. The plants were on their own roots and were all propagated in June 2023 and planted in July 2023.
Measurements	Measurements were taken at random from second generation flush on the 21st December 2023. Flower colour of the candidate was recorded on the 27th February 2024.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: In 2010, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, England, Mr David Austin selected an unnamed seedling to be the mother and an unnamed seedling to be the father. The resulting seed was sown in January 2011, from which a number of seedlings grew. The best of these seedlings was then selected and from this plant, in July 2011, 8 buds were taken and grafted (using the 'T'-budding method) onto *Rosa Laxa* root-stock outdoors. The following year, in 2012, the variety was considered good enough to be increased by grafting to 30 plants, which were monitored for 2 years. In 2014, the increase was up to 200, and again for two years after that the roses were monitored for success. In 2016, it was once again selected, and it was decided the variety was good enough to be increased to 1,000. In 2017 the variety was increased by further budding to 7,500, sufficient budding to support commercial sales in 2018-19, following first introduction by David Austin Roses Limited in February 2018. Breeder: David Austin Roses Limited, Wolverhampton, The 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 type	shrub
Flower	type	double
Flower	type of double	rosette
Flower	colour group	pink
Flower	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'AUSRIMINI'	
'AUSMAK'	

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

Organ/Plant Part: Context	'AUSEARNSHAW'	'AUSMAK'	'AUSRIMINI'
<input type="checkbox"/> Plant: growth type	shrub	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	semi upright	broad bushy	upright
<input checked="" type="checkbox"/> Plant: height (during second flush)	very tall	very short to short	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium	medium
<input checked="" type="checkbox"/> Stem: number of prickles (excluding very small and hair-like prickles)	many	few	medium
<input checked="" type="checkbox"/> Prickles: dominant colour (as for 6)	reddish	yellowish	yellowish
<input type="checkbox"/> Leaf: size	large	medium to large	large
<input type="checkbox"/> Leaf: intensity of green colour (upper side)	medium	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	weak	strong
<input type="checkbox"/> Leaflet: undulation of margin	strong	weak	medium to strong
<input type="checkbox"/> Terminal leaflet: shape of blade	ovate	ovate	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few to few	very few to few	many
<input type="checkbox"/> Flowering shoot: number of flowers	very few	very few	very few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral	very few		very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate	medium ovate
<input type="checkbox"/> Flower: type	double	double	double
<input type="checkbox"/> Flower: number of petals	medium to many	many	medium to many

Organ/Plant Part: Context	'AUSEARNSHAW'	'AUSMAK'	'AUSRIMINI'
<input type="checkbox"/> Flower: colour group	pink	pink	pink
<input checked="" type="checkbox"/> Flower: colour of centre	orange	pink	pink
<input type="checkbox"/> Flower: density of petals	dense	dense	loose
<input type="checkbox"/> Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: shape	round	round	round
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex	flat
<input checked="" type="checkbox"/> Flower: profile of lower part	flat	flat	flattened convex
<input checked="" type="checkbox"/> Flower: fragrance	medium	medium	absent or weak
<input type="checkbox"/> Sepal: extensions	weak to medium	medium	weak
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent	present
<input type="checkbox"/> Petal: shape	obcordate	obcordate	obcordate
<input type="checkbox"/> Petal: incisions	absent or very weak to weak	weak	weak
<input type="checkbox"/> Petal: reflexing of margin	weak	weak to medium	very weak to weak
<input checked="" type="checkbox"/> Petal: undulation	weak	absent or very weak	weak
<input type="checkbox"/> Petal: size	medium	small to medium	medium
<input type="checkbox"/> Petal: length	medium to long	medium	medium to long
<input type="checkbox"/> Petal: width	medium	medium	medium
<input type="checkbox"/> Petal: number of colours on inner side (basal spot excluded)	one	one	one
<input type="checkbox"/> Petal: intensity of colour (basal spot excluded)	lighter towards the base	lighter towards the top	lighter towards the base
<input checked="" type="checkbox"/> Petal: main colour on inner side (that with largest surface area) (RHS Colour Chart)	27D	56C	56D
<input type="checkbox"/> Petal: basal spot on inner side	present	present	present
<input checked="" type="checkbox"/> Petal: size of basal spot on inner side	medium	very small	small
<input type="checkbox"/> Petal: colour of basal spot on inner side	light yellow	light yellow	light yellow
<input checked="" type="checkbox"/> Petal: main colour on outer side (only if different from inner side) (RHS Colour Chart)	36D	56D	56D
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	red	light yellow	orange
<input type="checkbox"/> Seed vessel: size (at petal fall)	medium	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped	pitcher-shaped

Characteristics Additional to the Descriptor/TG

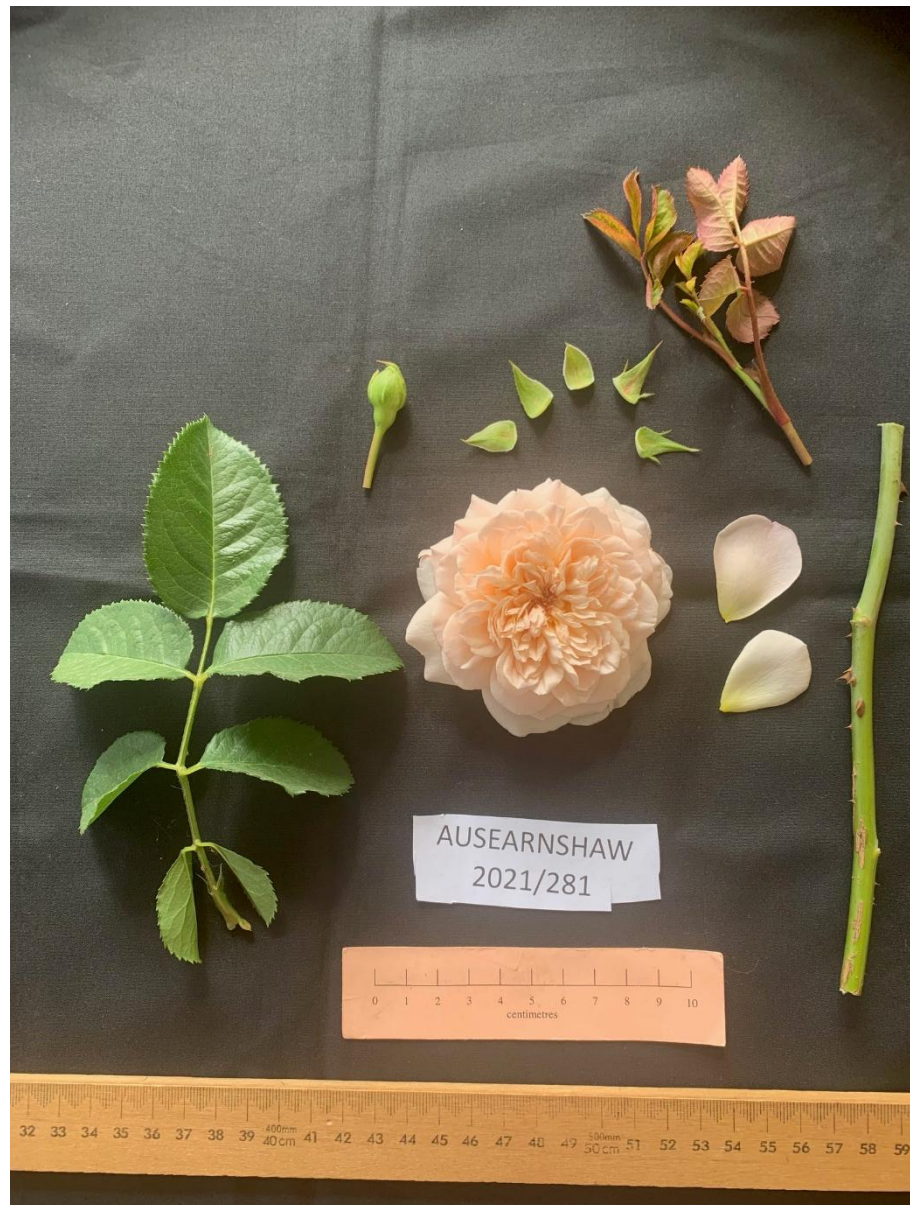
Organ/Plant Part: Context	'AUSEARNSHAW'	'AUSMAK'	'AUSRIMINI'
<input type="checkbox"/> Flower: type of double	rosette	rosette	rosette

Prior Applications and Sales

Country	Year	Status	Name Applied
QZ	2019	Granted	'AUSEARNSHAW'
JP	2019	Granted	'AUSEARNSHAW'
CA	2021	Granted	'AUSEARNSHAW'
KR	2021	Granted	'AUSEARNSHAW'
CN	2021	Granted	'AUSEARNSHAW'

First sold in UK in Feb 2018.

Descriptor: Christopher Prescott, Mount Eliza, VIC.



Rose (*Rosa* hybrid) variety 'AUSEARNSHAW'

Details of Application

Application Number	2022/026
Variety Name	'4front'
Genus Species	<i>Lolium perenne</i>
Common Name	Perennial Ryegrass
Accepted Date	02-Jun-2022
Applicant	Barenbrug New Zealand Ltd, Christchurch, New Zealand
Agent	Barenbrug Australia Pty Ltd., Howlong, NSW
Qualified Person	Allen Newman

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	Grant no. 33517
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006 (Objective Description for Ryegrass 1/17)
Period	2017 & 2018
Conditions	No environmental stress experienced during comparative trial.
Trial Design	RCBD
Measurements	Inflorescence emergence, height, density, plant height, leaf length, width & other PBR traits.
RHS Chart - edition	n/a

Origin and Breeding

A controlled pair crossing of breeding lines F2 LpT40036 (Bealey x Banquet) and LpT525 was undertaken to create F1 LpT05049. This line was multiplied in isolation to create F2 LpT05049, which was sown into a single plant nursery and elite individuals selected. These individuals were cloned and observed for a further year in a clonal nursery. Elite clonal parents were selected for desired traits, type and ear emergence. These were multiplied to create LpT987. Neither of the original parents were commercial cultivars. Banquet & LpT525 were not direct sourced material. They were pair crossed breeding lines and comparative details are limited. Bealey is the closest commercial comparator. Erin Carney, Barenbrug New Zealand Ltd, 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 (after vernalisation)	late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Base'	Similar maternal parentage

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic				
'Halo'	Flag leaf	width	broader	narrower	Consistent difference in both years, significant in one

'Reward'	Flag leaf	width	broader	narrower	Consistent difference in both years, significant in one.
'Viscount.	Plant	vegetative growth habit (vv)	semi-erect-medium	semi-prostate	Consistent and significant differences in both years
'Bealey'	Plant	time to inflorescence emergence	late	very late	Consistent difference in both years, significant in one

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

Organ/Plant Part: Context	'4front'	'Base'
<input type="checkbox"/> *Plant: ploidy	tetraploid	
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium	
<input type="checkbox"/> Leaf: length	medium	
<input type="checkbox"/> Leaf: width	medium	
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	
<input type="checkbox"/> Plant: width	medium to wide	
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	
<input type="checkbox"/> Plant: height	medium	
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	late	
<input type="checkbox"/> Plant: width at inflorescence emergence	medium	
<input type="checkbox"/> *Flag leaf: length	medium	
<input type="checkbox"/> *Flag leaf: width	narrow to medium	
<input type="checkbox"/> Flag leaf: length/width ratio	medium	
<input type="checkbox"/> *Plant: length of longest stem, inflorescence included	short	
<input type="checkbox"/> Plant: length of upper internode	short to medium	
<input type="checkbox"/> Inflorescence: length	short to medium	
<input type="checkbox"/> Inflorescence: number of spikelets	few	
<input type="checkbox"/> Inflorescence: density	lax to medium	
<input checked="" type="checkbox"/> Inflorescence: length of outer glume on basal spikelet	long to very long	medium to long
<input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn	medium	

Prior Applications and Sales:

Country	Year	Status	Name Applied
NZ	2017	Granted	'4front'

First sold in Jan 2021 in NZ and Australia in Mar 2021

Description: Damien Adcock, Howlong, NSW



Perennial Ryegrass (*Lolium perenne*) – '4front' with comparator Base

Details of Application

Application Number	2022/059
Variety Name	'37-14-03-04-R1'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape vine
Accepted Date	29-Jul-2022
Applicant	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT and Wine Australia, Adelaide SA.
Qualified Person	Peter Clingeffer

Details of Comparative Trial

Location	CSIRO Irymple Farm, 447 Dow Avenue, Irymple. Victoria 3498
Descriptor	TG 50/09
Period	2022-24
Conditions	The selection, 37-14-03-04-R1 was compared with the coon knowledge, red fleshed disease resistant variety Rubired. The other disease resistant variety, Royalty was excluded based on differences in various descriptor traits (openness of the shoot tip, tendril length and leaf shape). The vines were propagated from dormant cuttings which were collected during winter 2023 and rooted in sand before establishment in standard potting mix in 4.5 L pots in spring 2023. They were maintained in the shade house at the CSIRO Irymple farm site. The vines will be maintained by pruning back to a 2-bud spur when dormant in winter.
Trial Design	The experimental layout was a fully randomized block design, replicated 15 times. Each variety was allocated a random position with each block.
Measurements	Leaf measurements were recorded in December 2023 for vines in the pot trial. The first fully expanded leaf from the shoot tip was selected for this purpose. Measurements included leaf lamina length (N1) recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the distal lobes (L1, R1) and the proximal lobes (L2, R2). Petiole length (P1) was also recorded. The measurements were used to calculate a number of ratios and analysed using Systat 13.2. Pairwise comparisons were used to identify significant differences between means based on Fisher's Least-Significant-Difference. Field data for the candidate and comparators to establish distinctness was collected in season 2022-23.

Origin and Breeding

Controlled pollination: a series of conventional crosses were used to develop '37-14-03-04-R1'. The breeding line VRH 3082-1-42, developed by French National Institute for Agricultural Research (INRA), which contains a single resistance locus introgressed from the wild North American grape species *Muscadinia rotundifolia* that confers strong resistance to powdery mildew and downy mildew, was crossed with Cabernet Sauvignon. The resultant seed were germinated and screened for resistance to powdery mildew and downy mildew. A powdery mildew- and downy mildew-resistant female line (VRH 3294-BC5-R23) was crossed with the red-flesh variety Dunkelfelder in 2009. Seed were germinated and screened using genetic markers to identify progeny that (a) contained the powdery mildew and downy mildew resistance locus (b) had inherited the red-flesh locus and (c) would produce hermaphrodite flowers. These progenies were planted in an unsprayed block at the SARDI Research station in Nuriootpa in 2010 to (a) evaluate their resistance to powdery mildew and downy mildew in the absence of fungicide sprays and (b) grape yield. Grapes of high-yielding lines were selected for single vine micro-scale ferments which were evaluated by commercial winemakers. Those lines showing the best potential in terms of mildew resistance, yield and sensory characteristics were planted in replicated trials in Irymple (Vic), Wagga Wagga (NSW) and Orange (NSW) and wine made from ferments of 30-50kg fruit. Wine tasting by growers and winemakers over several vintages from 2018-2021 identified variety 37-14-03-04-R1 as having potential as a new winegrape variety with strong resistance to powdery and downy mildew, high production of anthocyanins and good wine sensory characteristics. Breeder: Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT.

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	flesh colour	red
Plant	disease	resistant to downy and powdery mildew

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rubired'	Red flesh variety grown on a limited scale in Australia for wine grape production. Used to add anthocyanin colour.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Organ/Plant Context Part				
'Royalty'	mature leaf shape	wedge	pentagonal	
	tendrils length	very long	medium	
	shoot tip openness	wide open	half open	

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

Organ/Plant Part: Context	'37-14-03-04-R1'	'Rubired'
<input type="checkbox"/> *Time of: bud burst	very early	early

Organ/Plant Part: Context	'37-14-03-04-R1'	'Rubired'
<input checked="" type="checkbox"/> *Young shoot: openness of tip	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	dense	dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots	light copper red
<input checked="" type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	medium	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-drooping	semi-drooping
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green and red	red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green and red	red
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Shoot: length of tendrils	very long	short
<input checked="" type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	wedge-shaped	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	weak
<input checked="" type="checkbox"/> *Mature leaf: number of lobes	five	three
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	very shallow to shallow
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	open	open
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	very small
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	sparse	absent or very sparse

Organ/Plant Part: Context	'37-14-03-04-R1'	'Rubired'
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	very early	early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium	medium to large
<input checked="" type="checkbox"/> *Bunch: density	very lax	dense
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	long	medium
<input type="checkbox"/> *Berry: size	small	small to medium
<input type="checkbox"/> *Berry: shape	broad ellipsoid	globose
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	very strong	very strong
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none
<input type="checkbox"/> *Berry: formation of seeds	complete	complete
<input type="checkbox"/> Woody shoot: main colour	reddish brown	reddish brown

Statistical Table

Organ/Plant Part: Context	'37-14-03-04-R1'	'Rubired'
<input type="checkbox"/> Petiole: length (mm)		
Mean	71.90	54.53
Std. Deviation	19.80	11.02
Lsd/sig	10.2	P≤0.01
<input type="checkbox"/> Mature leaf: blade length middle vein (mm)		
Mean	69.80	82.07
Std. Deviation	10.90	8.87
Lsd/sig	6.33	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length right upper vein (R1) (mm)		
Mean	59.53	76.80
Std. Deviation	8.74	10.72
Lsd/sig	6.23	P≤0.01
<input type="checkbox"/> Mature leaf: length right lower vein (R2) (mm)		
Mean	40.33	59.27
Std. Deviation	7.91	9.40

Organ/Plant Part: Context	'37-14-03-04-R1'	'Rubired'
Lsd/sig	5.53	P≤0.01
<input type="checkbox"/> Mature leaf: length upper left vein (L1) (mm)		
Mean	59.80	75.60
Std. Deviation	8.76	9.10
Lsd/sig	5.68	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length lower left vein (L2) (mm)		
Mean	39.80	60.40
Std. Deviation	9.93	10.47
Lsd/sig	6.50	P≤0.01
<input type="checkbox"/> Mature leaf: length middle vein/petiole (Ratio)		
Mean	1.01	1.54
Std. Deviation	0.22	0.20
Lsd/sig	0.132	P≤0.01

Prior Applications and Sales: Nil

Description: Peter Clingeleffer, Glen Osmond, SA.



Grape vine (*Vitis vinifera*) variety '37-14-03-04-R1'

Details of Application

Application Number	2022/060
Variety Name	'37-15-06-04-R10'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape vine
Accepted Date	29-Jul-2022
Applicant	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT and Wine Australia, Adelaide SA.
Qualified Person	Peter Clingeffer

Details of Comparative Trial

Location	CSIRO Irymple Farm, 447 Dow Avenue, Irymple. Victoria 3498
Descriptor	TG 50/09
Period	2022-24
Conditions	The selection, 37-15-06-04-R10 was compared with the coon knowledge, red fleshed disease resistant variety Rubired. The other disease resistant variety, Royalty was excluded based on differences in various descriptor traits (openness of the shoot tip, tendril length and leaf shape). The vines were propagated from dormant cuttings which were collected during winter 2022 and rooted in sand before establishment in standard potting mix in 4.5 L pots in spring 2022. They were maintained in the shade house at the CSIRO Irymple farm site. The vines have been maintained by pruning back to a 2-bud spur when dormant in winter.
Trial Design	The experimental layout was a fully randomized block design, replicated 15 times. Each variety was allocated a random position with each block.
Measurements	Leaf measurements were recorded in December 2023 for vines in the pot trial. The first fully expanded leaf from the shoot tip was selected for this purpose. Measurements included leaf lamina length (N1) recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the distal lobes (L1, R1) and the proximal lobes (L2, R2). Petiole length (P1) was also recorded. The measurements were used to calculate several ratios and analysed using Systat 13.2. Pairwise comparisons were used to identify significant differences between means based on Fisher's Least-Significant-Difference. Field data for the candidate and comparators to establish distinctness was collected in season 2022-23.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: a series of conventional crosses were used to develop 37-15-06-04-R10. The breeding line VRH 3082-1-42, developed by French National Institute for Agricultural Research (INRA), which contains a single resistance locus introgressed from the wild North American grape species *Muscadinia rotundifolia* that confers strong resistance to powdery mildew and downy mildew, was crossed with Cabernet Sauvignon. The resultant seed were germinated and screened for resistance to powdery mildew and downy mildew. A powdery mildew- and downy mildew-resistant female line (VRH 3294-BC5-R23) was crossed with the red-flesh variety Dunkelfelder in 2009. Seed were germinated and screened using genetic markers to identify progeny that (a) contained the powdery mildew and downy mildew resistance locus (b) had inherited the red-flesh locus and (c) would produce hermaphrodite flowers. These progenies were planted in an unsprayed block at the SARDI Research station in Nuriootpa in 2010 to (a) evaluate their resistance to powdery mildew and downy mildew in the absence of fungicide sprays and (b) grape yield. Grapes of high-yielding lines were selected for single vine micro-scale ferments which were evaluated by commercial winemakers. Those lines showing the best potential in terms of mildew resistance, yield and sensory characteristics were planted in replicated trials in Irymple (Vic), Wagga Wagga (NSW) and Orange (NSW) and wine made from ferments of 30-50kg fruit. Wine tasting by growers and winemakers over several vintages from 2018-2021 identified variety 37-15-06-04-R10 as having potential as a new winegrape variety with strong resistance to powdery and downy mildew, high production of anthocyanins and good wine sensory characteristics. Breeder: Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT.

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	flesh colour	red
Plant	disease	resistant to downy and powdery mildew

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rubired'	variety grown on a limited scale in Australia to improve red wine colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part			
'Royalty'	tendrils	length very long	medium	disease resistant red flesh variety not grown in Australia
	shoot tip	openness wide open	half open	
	young leaf	interveinal dense prostrate hairs	absent	

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part mature leaf depth upper sinus	deep	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	'37-15-06-04-R10'	'Rubired'
<input type="checkbox"/> *Time of: bud burst	early	early
<input checked="" type="checkbox"/> *Young shoot: openness of tip	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	dense	dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots	light copper red
<input checked="" type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	dense	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-drooping	semi-drooping
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	red	red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	red	red
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Shoot: length of tendrils	very long	short
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	wedge-shaped	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	weak
<input checked="" type="checkbox"/> *Mature leaf: number of lobes	five	three
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	deep	very shallow to shallow

Organ/Plant Part: Context	'37-15-06-04-R10'	'Rubired'
<input checked="" type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	closed	open
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	very small
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	very early	early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium	medium to large
<input checked="" type="checkbox"/> *Bunch: density	lax	dense
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	long	medium
<input type="checkbox"/> *Berry: size	small	small to medium
<input type="checkbox"/> *Berry: shape	globose	globose
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	strong	very strong
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none
<input type="checkbox"/> *Berry: formation of seeds	complete	complete
<input type="checkbox"/> Woody shoot: main colour	reddish brown	reddish brown

Statistical Table

Organ/Plant Part: Context	'37-15-06-04-R10'	'Rubired'
<input type="checkbox"/> Mature leaf: length main vein (N1)		
Mean	64.87	82.07
Std. Deviation	10.09	8.87
Lsd/sig	3.59	P≤0.01

Organ/Plant Part: Context	'37-15-06-04-R10'	'Rubired'
<input checked="" type="checkbox"/> Mature leaf: length upper right vein (R1)		
Mean	53.80	76.80
Std. Deviation	5.67	10.72
Lsd/sig	3.24	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length lower right vein (R2)		
Mean	38.07	59.27
Std. Deviation	4.37	9.40
Lsd/sig	2.77	P≤0.01
<input type="checkbox"/> Mature leaf: length upper left vein (L1)		
Mean	53.20	75.60
Std. Deviation	8.17	9.10
Lsd/sig	3.27	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length lower left vein (L2)		
Mean	36.67	60.40
Std. Deviation	4.98	10.47
Lsd/sig	3.27	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: ratio length main vein/petiole		
Mean	1.04	1.54
Std. Deviation	0.19	0.20
Lsd/sig	0.073	P≤0.01

Prior Applications and Sales: Nil

Description: Peter Clingleffer, Glen Osmond, SA.



Grape vine (*Vitis vinifera*) variety '37-15-06-04-R10'

Details of Application

Application Number	2022/068
Variety Name	'Y101'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Accepted Date	09-Nov-2022
Applicant	IFO S.A.R.L., Seiches-sur-le-Loir, 49140, France
Agent	Graham's Factree Pty Ltd, Monbulk, VIC, 3793
Qualified Person	Rebecca Adams

Details of Comparative Trial

Overseas Testing Authority	GEVES
Overseas Data Reference Number	DEE 4076171
Location	INRA Beaucouzé, France
Descriptor	Apple (<i>Malus domestica</i>) TG/14/9)
Period	01/03/2016 - 01/12/2019
Conditions	As per descriptor
Trial Design	Not available
Measurements	As per descriptor
RHS Chart - edition	Not available

Origin and Breeding

Controlled pollination: 'Golden Delicious' x 'SJ109'. 'Y101' is a new and distinct variety of apple tree (*Malus domestica*) obtained from a controlled cross of 'Golden Delicious' (female parent, not patented) x 'SJ109' (male parent, not patented) carried out at Seiches-sur-le-Loir, France in 2006. Seeds obtained from the cross were planted and 'Y101' was selected from the resulting seedlings for propagation and further observation. 'Y101' was first asexually propagated by grafting in 2012 at Seiches-sur-le-Loir and has since been observed to remain true to type over successive asexually propagated generations. Breeder: IFO S.A.R.L., Seiches-sur-le-Loir, 49140, 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
Tree	vigour	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Howell 'TC3'	'TC3' is cylindrical in shape and 'Y101' is ovoid.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context		
'Howell TC-2'	Fruit	skin colour	pink, red	red

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

Organ/Plant Part: Context	'Y101'	'Howell TC3'
<input type="checkbox"/> Tree: vigour	medium	medium
<input type="checkbox"/> *Tree: type	ramified	
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	
<input type="checkbox"/> Tree: type of bearing	on spurs and long shoots	
<input type="checkbox"/> One-year-old shoot: thickness	medium	
<input type="checkbox"/> *One-year-old shoot: length of internode	long	
<input type="checkbox"/> One-year-old shoot: colour on sunny side	dark brown	
<input type="checkbox"/> One-year-old shoot: pubescence	medium	
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium	
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	upwards	
<input type="checkbox"/> *Leaf blade: length	medium	
<input type="checkbox"/> *Leaf blade: width	narrow to medium	
<input type="checkbox"/> *Leaf blade: ratio length/width	medium to large	
<input type="checkbox"/> Leaf blade: intensity of green colour	light	
<input type="checkbox"/> Leaf blade: incisions of margin	serrate type 2	
<input type="checkbox"/> Leaf blade: pubescence on lower side	medium	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	medium	
<input type="checkbox"/> *Flower: predominant colour at balloon stage	dark pink	
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	small to medium	
<input type="checkbox"/> *Flower: arrangement of petals	free	
<input type="checkbox"/> Flower: position of stigmas relative to anthers	same level	
<input type="checkbox"/> Young fruit: extent of anthocyanin over colour	small	
<input type="checkbox"/> *Fruit: size	medium	
<input type="checkbox"/> *Fruit: height	medium to tall	
<input type="checkbox"/> *Fruit: diameter	medium	
<input type="checkbox"/> *Fruit: ratio height/diameter	medium to large	
<input checked="" type="checkbox"/> *Fruit: general shape	ovoid	cylindrical
<input type="checkbox"/> Fruit: ribbing	moderate	
<input type="checkbox"/> Fruit: crowning at calyx end	moderate	
<input type="checkbox"/> *Fruit: size of eye	medium	

Organ/Plant Part: Context	'Y101'	'Howell TC3'
<input type="checkbox"/> Fruit: length of sepal	long	
<input type="checkbox"/> *Fruit: bloom of skin	absent or weak	
<input type="checkbox"/> Fruit: greasiness of skin	moderate	
<input type="checkbox"/> *Fruit: ground colour	yellow green	
<input type="checkbox"/> *Fruit: relative area of over colour	medium	
<input type="checkbox"/> *Fruit: hue of over colour – with bloom removed	pink, red	
<input type="checkbox"/> *Fruit: intensity of over colour	medium	
<input type="checkbox"/> *Fruit: pattern of over colour	only solid flush	
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	absent or small	
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small	
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	
<input type="checkbox"/> Fruit: number of lenticels	many	
<input type="checkbox"/> Fruit: size of lenticels	medium	
<input type="checkbox"/> *Fruit: length of stalk	long	
<input type="checkbox"/> *Fruit: thickness of stalk	thin to medium	
<input type="checkbox"/> *Fruit: depth of stalk cavity	medium	
<input type="checkbox"/> *Fruit: width of stalk cavity	medium	
<input type="checkbox"/> *Fruit: depth of eye basin	shallow to medium	
<input type="checkbox"/> *Fruit: width of eye basin	medium	
<input type="checkbox"/> *Fruit: firmness of flesh	firm to very firm	
<input type="checkbox"/> *Fruit: colour of flesh	reddish	
<input type="checkbox"/> *Fruit: aperture of locules	moderately open	
<input type="checkbox"/> *Time of: beginning of flowering	early	
<input type="checkbox"/> Time for: harvest	medium	
<input type="checkbox"/> *Time of: eating maturity	medium	

Prior Applications and Sales

Country	Year	Status	Name Applied
European Union	2016	Granted	'Y101'
United States	2016	Granted	'Y101'
Switzerland	2016	Granted	'Y101'
United Kingdom	2020	Granted	'Y101'
Serbia	2021	Granted	'Y101'
Argentina	2022	Granted	'Y101'
New Zealand	2022	Applied	'Y101'
South Africa	2022	Applied	'Y101'

Description: Rebecca Adams, Gembrook, VIC, 3783.



'Y101'

Apple (*Malus domestica*) variety 'Y101'

Details of Application

Application Number	2022/153
Variety Name	'Emblem'
Genus Species	<i>Trifolium repens</i>
Common Name	White Clover
Accepted Date	07-Oct-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	CLO074 Grant no. 35822
Location	Lincoln, New Zealand
Descriptor	TG/28/7
Period	2023 and 2024
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office atASUREQuality Ltd, Lincoln, New Zealand
Trial Design	As per NZ DUS report
Measurements	As per NZ DUS report
RHS Chart - edition	

Origin and Breeding

Controlled pollination: In early spring 1999 and trial of 11 breeding lines and 9 control cultivars of white clover were established in a transplanted plot trial 1.0 x 1.0m plots x 6 replications. The trial after initial establishment was set stocked with sheep autumn 2000. The trial concluded spring 2003. At the conclusion of the trial the best performing synthetics (5) were selected, Prestige (C10599) Demand (C11695) Southland Small BL (C21974) Prestige T3 Late (C21969) and Palmerston North Small (C21971). 12 genotypes per line were polycrossed in a bee proof enclosure to maintain purity of the synthetic. A balanced bulk of the ½ sib families (60) was given the name Set Stocked accession C25069. In summer 2013/14, parental screening of Set Stocked C25069 were completed and 30 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 2014/15 GWT04050. Breeder: Alan Stewart, PGG Wrightson Seeds on contract by 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
Leaf	size of median leaflet	small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GL Nomad'	

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

Organ/Plant Part: Context	'Emblem'	'GL Nomad'
<input type="checkbox"/> Plant: intensity of green colour	light to medium	
<input type="checkbox"/> Plant: density of foliage	medium to high	
<input type="checkbox"/> Plant: proportion of plants with cyanid glucoside	high to very high	
<input checked="" type="checkbox"/> *Plant: prominence of white leaf marks	medium	medium to strong
<input type="checkbox"/> *Plant: time of flowering	medium to late	
<input type="checkbox"/> Plant: height	short to medium	
<input type="checkbox"/> Plant: width	medium to broad	
<input type="checkbox"/> Plant: growth habit	semi-erect to intermediate	
<input type="checkbox"/> Stem: internode length of stolon	medium	
<input type="checkbox"/> Stem: thickness of stolon	medium	
<input type="checkbox"/> Leaf: length of petiole	short to medium	
<input type="checkbox"/> Leaf: thickness of petiole	thin	
<input type="checkbox"/> *Leaf: length of median leaflet	short to medium	
<input type="checkbox"/> *Leaf: width of median leaflet	narrow	
<input type="checkbox"/> *Leaf: size of median leaflet	small	
<input checked="" type="checkbox"/> *Leaf: ratio of length to width of median leaflet	medium to large	small to medium
<input type="checkbox"/> Inflorescence: length of peduncle	medium	
<input type="checkbox"/> Inflorescence: thickness of peduncle	thin	
<input type="checkbox"/> Plant: number of inflorescences	medium	
<input type="checkbox"/> Inflorescence: diameter	medium to large	

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2022	granted	'Emblem'

No prior sale.

Description: Charlotte Burgess, Lincoln New Zealand



'Emblem'

Trifolium repens (White Clover) 'Emblem'

Details of Application

Application Number	2022/157
Variety Name	'CANOVA'
Genus Species	<i>Solanum lycopersicum</i>
Common Name	Tomato
Accepted Date	25-Aug-2023
Applicant	HM.CLAUSE, Portes-lès-Valence Cedex, France
Agent	SPRUSON & FERGUSON, SYDNEY NSW, Australia
Qualified Person	Calixto Dilag, Templestowe, VIC, Australia 3107

Details of Comparative Trial

Overseas Testing Authority	GEVES (France)
Overseas Data Reference Number	4079838
Location	GEVES de Cavaillon (84)
Descriptor	CPOV-TP/044/4 Rev.4
Period	2021
Conditions	The trial was conducted in a greenhouse, using 20 plants per variety with drip irrigation.
Trial Design	Side by side comparison
Measurements	As per UPOV test guideline
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: The parents were selected separately from two populations, prioritising favourable traits such as plant vigour and fruit size. After obtaining stable and uniform inbred lines, crosses were carried out to produce the hybrid. The hybrid and the lines were evaluated for uniformity, high yield, and quality according to market needs, with the first observations conducted in Almería, Spain, in 2017. Total of ten cycles were employed to develop Canova. Breeder: Yolanda Duran, Portes-lès-Valence Cedex, 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	growth type	indeterminate
Fruit	Size	large
Fruit	shape in longitudinal section	oblate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ZS 847'	

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

Organ/Plant Part: Context	'CANOVA'	'ZS 847'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only)	present	present

<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	very weak to weak
<input type="checkbox"/> Stem: length of internode (varieties with plant growth type indeterminate only)	medium to long	medium
<input type="checkbox"/> Plant: height (varieties with plant growth type indeterminate only)	medium to long	medium to long
<input type="checkbox"/> *Leaf: attitude	horizontal to semi-drooping	semi-drooping
<input type="checkbox"/> Leaf: length	short to medium	short to medium
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> *Leaf: type of blade	bipinnate	bipinnate
<input type="checkbox"/> Leaf: size of leaflets	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: glossiness	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: blistering	weak to medium	weak to medium
<input type="checkbox"/> Leaf: attitude of petiole of leaflet in relation to main axis	horizontal	horizontal
<input type="checkbox"/> Inflorescence: type	mainly uniparous	mainly uniparous
<input type="checkbox"/> *Flower: colour	yellow	yellow
<input type="checkbox"/> Flower: pubescence of style	present	present
<input type="checkbox"/> *Peduncle: abscission layer	present	present
<input type="checkbox"/> *Pedicel: length (varieties with peduncle abscission layer present only)	short to medium	short to medium
<input type="checkbox"/> *Fruit: green shoulder (before maturity)	absent	absent
<input type="checkbox"/> *Fruit: intensity of green colour excluding shoulder (before maturity)	medium	medium
<input type="checkbox"/> Fruit: green stripes (before maturity)	absent	absent
<input type="checkbox"/> *Fruit: size	large	large to very large
<input type="checkbox"/> *Fruit: ratio length/diameter	very compressed	very compressed
<input type="checkbox"/> *Fruit: shape in longitudinal section	oblate	oblate
<input checked="" type="checkbox"/> *Fruit: ribbing at peduncle end	medium	weak
<input type="checkbox"/> Fruit: depression at peduncle end	medium	medium
<input checked="" type="checkbox"/> Fruit: size of peduncle scar	medium to large	large to very large
<input type="checkbox"/> Fruit: size of blossom scar	very small to small	medium
<input type="checkbox"/> Fruit: shape at blossom end	indented to flat	indented to flat
<input type="checkbox"/> Fruit: diameter of core in cross section in relation to total diameter	medium to large	medium to large

<input type="checkbox"/> Fruit: thickness of pericarp	thick to very thick	thick
<input type="checkbox"/> *Fruit: number of locules	three and four	three and four
<input type="checkbox"/> *Fruit: colour (at maturity)	red	red
<input type="checkbox"/> *Fruit: colour of flesh (at maturity)	red	red
<input type="checkbox"/> Fruit: glossiness of skin	strong	strong
<input type="checkbox"/> *Fruit: firmness	firm to very firm	firm to very firm
<input type="checkbox"/> Time of: flowering	medium to late	medium to late
<input type="checkbox"/> *Time of: maturity	medium to late	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
France	2020	Granted	'CANOVA'
European Union	2021	Granted	'CANOVA'

First sold in Croatia in December 2020 and in Australia in August 2021.

Description: Calixto Dilag, Bulleen, VIC, 3105



Tomato (*Solanum lycopersicum*) variety 'CANOVA'

Details of Application

Application Number	2022/195
Variety Name	'Franklin'
Genus Species	<i>Trifolium subterraneum</i> var. <i>yannanicum</i>
Common Name	Subterranean clover
Accepted Date	03-May-2023
Applicant	PGG Wrightson Seeds (Australia) Pty Ltd; Truganina, VIC and The University of Western Australia, Crawley, WA.
Agent	Grasslands Innovation Ltd, Lincoln, NZ.
Qualified Person	Phillip Nichols

Details of Comparative Trial

Location	The University of Western Australia Shenton Park Field Station, Shenton Park WA 6009
Descriptor	Subterranean clover (<i>Trifolium subterraneum</i>) TG/170/3
Period	May - November 2022
Conditions	Plants were germinated in the glasshouse in peat pots on May 11, inoculated with Group C rhizobia on May 18 and transplanted to the field on June 22 into 9 cm diameter holes cut into plastic strips. Plots remained undefoliated throughout the season and were hand-weeded and irrigated by overhead sprinklers when necessary.
Trial Design	Completely randomised block design with 4 replications per treatment and plots consisting of 9 plants, spaced 50 cm apart. Two generations of 'Franklin' (2020 and 2021 seed) were sown as individual treatments.
Measurements	Flowering time and isoflavone contents (formononetin, genistein and biochanin A) were measured on all plants. All plants were checked for qualitative characters.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: 'Franklin' is derived from the cross, designated 90Y26, made in 1990 by Dr P.G.H. Nichols (formerly Department of Primary Industries and Regional Development (DPIRD), Western Australia and currently University of Western Australia (UWA)). The parentage is 83Y79.8.3.2 /CPI 103925A, with the maternal parent, 83Y79.8.3.2, derived from a cross of CPI 39326YA to an F1 hybrid of cultivars Meteora and Trikkala, made by Dr J.S. Gladstones in 1983, with pedigree selection in the F3-F6 generations by P.G.H. Nichols. Seed of 83Y79.8.3.2 is no longer available. CPI 103925A is an accession collected near Seville, Spain by Dr C.M. Francis in 1979, while CPI 39326YA is an accession collected from an unknown location and collector in Greece and donated to UWA in 1965. 90Y26.48 was one of 60 F2 spaced plants selected from cross 90Y26 at the UWA Shenton Park Field Station (UFS) in 1992 and was grown for further selection and seed increase as an F3 row in 1993. In 1994, 90Y26.48 was one of 94 F4, F2-derived midseason ssp. *yannanicum* lines sown in selection nursery plots at the former DPIRD research station at Wokalup, Western Australia (WA). Selection was based on midseason flowering, low formononetin levels and vigorous growth. Screening was also conducted for resistance to clover scorch disease (*Kabatiella caulivora*) in the field at Denmark, WA in 1994. Nursery plots were allowed to regenerate naturally for three years under standard district pasture management practices, including regular grazing by sheep. Key measurements included biomass in autumn, winter and spring, seedling

regeneration density in Years 2 and 3 and freedom from pest and disease damage. Seeds were harvested at Wokalup in January 1997 from the best 29 lines and 8 spaced plants of each line were sown at UFS. 'Franklin' is derived from one of these spaced plants of 90Y26.48, designated 90Y26.48.04. It is assumed to be an F7-derived line, although it may have been derived from the F6 or even F5 generations. In 1998 and 1999, 90Y26.48.04 was grown as a homozygous row at UFS and was selected for further evaluation on the basis of midseason maturity, formononetin content <0.2% of dry matter and high plant vigour. It was also screened for resistance to both Race 1 and Race 2 of clover scorch disease.

90Y26.48.04, re-named YM038, was one of 13 elite midseason ssp. *yannicum* lines selected for field evaluation trials in 2019 at Manjimup and Busselton (WA), Ballarat (Victoria) and Blayney (New South Wales), as part of the Annual Legume Breeding Australia (ALBA) joint venture between UWA and DLF Seeds. These trials were managed as replicated, self-regenerating swards for 3 years under standard district pasture management practices, with regular grazing by sheep. Key measurements included biomass in autumn, winter and spring, seedling regeneration density in Years 2 and 3, seed yield and freedom from pest and disease damage. YM038 was selected for release as cultivar 'Franklin' in 2021, on the basis of midseason flowering, high biomass production, strong burr set and high seed yield, low formononetin content and resistance to clover scorch disease. It also demonstrated exceptional waterlogging tolerance in the field at Busselton and in glasshouse pot experiments. Breeder's Seed was produced from 1,520 spaced plants in 2021 checked individually for uniformity and freedom from seed-borne viruses. Breeders: Phillip Nichols and Bradley Wintle, The University of Western Australia, Crawley, WA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	time of beginning of flowering	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Yarloop'	medium flowering time
'Riverina'	medium flowering time
'Yanco'	medium flowering time
'Trikkala'	medium flowering time
'Monti'	medium flowering time

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
'Gosse'	Flower flowering time	medium	medium to late	
'Rouse'	Flower flowering time	medium	medium to late	
'Larisa'	Flower flowering time	medium	late	
'Meteora'	Flower flowering time	medium	late	
'Napier'	Flower flowering time	medium	late	

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

Organ/Plant Part: Context	Franklin	'Monti'	'Riverina'	'Trikkala'	'Yanco'	'Yarloop'
<input type="checkbox"/> Leaf: hairiness of petiole	very weak to weak	very weak to weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaflet: general shape	rounded	triangular to rounded	rounded	triangular to rounded	rounded	triangular
<input checked="" type="checkbox"/> *Leaflet: pattern of mark	a pair of arms only	a pair of arms and a crescent	a single, crescent-shaped central mark only	a pair of arms and a crescent	a single, crescent-shaped central mark only	a pair of arms only
<input checked="" type="checkbox"/> Leaflet: colour of arms (only for varieties with arms)	light green	white		white		white
<input checked="" type="checkbox"/> Leaflet: indentation of distal margin	weak	medium to strong	weak	weak to medium	weak	medium
<input checked="" type="checkbox"/> Leaflet: degree of anthocyanin flecks	weak to medium	medium to strong	weak	absent or very weak	weak to medium	absent or very weak
<input checked="" type="checkbox"/> Leaflet: degree of flush	absent or very weak	medium	weak	medium	weak	medium to strong
<input type="checkbox"/> Leaflet: degree of hairiness of upper surface	absent or very weak	weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Stipules: degree of anthocyanin colouration	medium	weak to medium	weak to medium	weak to medium	medium	strong
<input type="checkbox"/> *Time of: time of beginning of flowering	medium	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Calyx tube: hue	absent	absent	absent	absent	absent	present
<input type="checkbox"/> Peduncle: degree of hairiness	absent or very weak	weak	absent or very weak	very weak to weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem (runner): degree of hairiness	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Seed: colour	cream	cream	cream	cream	cream	cream

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	Franklin	'Monti'	'Riverina'	'Trikkala'	'Yanco'	'Yarloop'
<input checked="" type="checkbox"/> Leaflet: petiolule degree of anthocyanin colouration	medium	weak	weak	absent or very weak	weak	weak

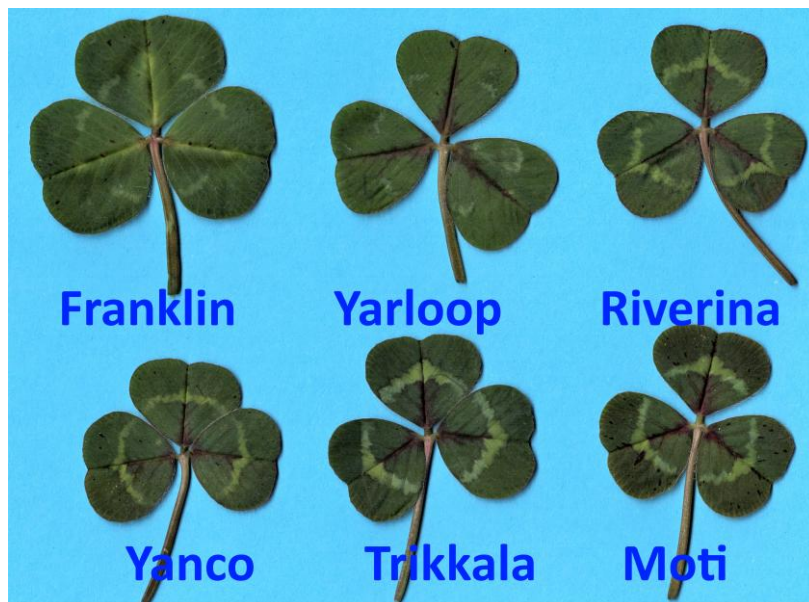
Statistical Table

Organ/Plant Part: Context	Franklin	'Monti'	'Riverina'	'Trikkala'	'Yanco'	'Yarloop'
<input checked="" type="checkbox"/> Plant: time of beginning of flowering (days)						
Mean	120.97	115.41	121.81	117.54	120.50	107.14
Std. Deviation	1.23	2.58	2.42	2.25	2.35	2.24
Lsd/sig	1.12	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: formononetin content (% of dry matter)						

Mean	0.06	0.03	0.02	0.06	0.11	1.28
Std. Deviation	0.03	0.03	0.03	0.05	0.07	0.17
Lsd/sig	0.039	ns	ns	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: genistein content (% of dry matter)						
Mean	1.02	0.81	0.85	0.94	1.03	0.95
Std. Deviation	0.12	0.28	0.18	0.20	0.17	0.12
Lsd/sig	0.093	P≤0.01	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Leaf: biochanin A content (% of dry matter)						
Mean	0.35	0.26	0.16	0.19	0.25	0.11
Std. Deviation	0.08	0.08	0.07	0.08	0.09	0.04
Lsd/sig	0.039	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

Description: Phillip Nichols, The University of Western Australia, Crawley, WA.



Subterranean clover (*Trifolium subterraneum* var. *yanninicum*) variety 'Franklin'.

Details of Application

Application Number	2022/196
Variety Name	'Edison'
Genus Species	<i>Trifolium subterraneum</i> var. <i>subterraneum</i>
Common Name	Subterranean Clover
Accepted Date	03-May-2023
Applicant	PGG Wrightson Seeds (Australia) Pty Ltd; Truganina, VIC and The University of Western Australia, Crawley, WA.
Agent	Grasslands Innovation Ltd, Lincoln, NZ.
Qualified Person	Phillip Nichols

Details of Comparative Trial

Location	The University of Western Australia Shenton Park Field Station, Shenton Park WA 6009
Descriptor	Subterranean clover (<i>Trifolium subterraneum</i>) TG/170/3
Period	May - November 2022
Conditions	Plants were germinated in the glasshouse in peat pots on May 11, inoculated with Group C rhizobia on May 18 and transplanted to the field on June 22 into 9 cm diameter holes cut into plastic strips. Plots remained undefoliated throughout the season and were hand-weeded and irrigated by overhead sprinklers when necessary.
Trial Design	Completely randomised block design with 4 replications per treatment and plots consisting of 9 plants, spaced 50 cm apart. Two generations of both 'Edison' and 'Carver' (2020 and 2021 seed) were sown as individual treatments.
Measurements	Flowering time and isoflavone contents (formononetin, genistein and biochanin A) were measured on all plants. All plants were checked for qualitative characters.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: 'Edison' is derived from the cross, designated 88S23, made in 1988 by Dr P.G.H. Nichols (formerly Department of Primary Industries and Regional Development (DPIRD), Western Australia and currently University of Western Australia (UWA)). The parentage is Woogenellup/Denmark. 88S23.37 was one of 60 F2 spaced plants selected from cross 88S23 at the UWA Shenton Park Field Station (UFS) in 1990. 88S23.37 was grown for further selection and seed increase as an F3 row at UFS in 1991. Key selection criteria were late flowering, low formononetin content, dense and leafy crowns and vigorous growth. In 1992 88S23.37 was one of 240 F4, F2-derived lines sown in selection nursery plots at Mt Barker (WA), Hamilton (Victoria) and Launceston (Tasmania). Plots were managed as self-regenerating swards for 3 years under standard district pasture management practices, with regular grazing by sheep. Key measurements included biomass in autumn, winter and spring, seedling regeneration density in Years 2 and 3 and freedom from pest and disease damage. Seeds were harvested from the best 20 lines at each site in January 1995 and 10 spaced plants of each line were sown at UFS. 'Edison' is derived from 88S23.037.V-9, a spaced plant of line 88S23.037 grown at Hamilton. It is assumed to be an F7-derived line, although it may have been derived from the F6 or F5 generations. In 1996 and 1997 88S23.037.V-9 was grown as

homozygous rows at UFS and selected for further evaluation, based on late maturity, formononetin content <0.2% of dry matter and high plant vigour in winter and spring. Screening was also conducted for resistance to Race 1 and Race 2 of clover scorch disease (*Kabatiella caulivora*).

Further development of this material was deferred until 2016, when 503 late flowering homozygous lines, including 88S23.037.V-9, were sown at UFS. It was included among 116 short-listed lines selected for Stage 1 evaluation at Manjimup in 2017, where replicated plots were managed as regenerating swards under grazing for 2 years. These lines were also grown in 2017 at UFS and 43 of the most promising lines were grown for seed increase in 2018 at UFS. Natural outbreaks of clover scorch disease and leaf rust (*Uromyces trifolii-repentis*) at Manjimup and powdery mildew (*Erysiphe polygonii*) at UFS allowed screening for resistance. 88S23.037.V-9, re-named SL035, was one of 18 elite lines selected for Stage 2 field evaluation trials in 2019 at Manjimup and Busselton (WA), Ballarat (Victoria), Blayney (New South Wales) and at Lincoln and Palmerston North (New Zealand), as part of the Annual Legume Breeding Australia (ALBA) joint venture between UWA and DLF Seeds. These trials were managed as replicated, self-regenerating swards for 3 years under standard district pasture management practices, with regular grazing by sheep. Key measurements included biomass in autumn, winter, early spring and late spring, seedling regeneration density in Years 2 and 3, seed yield and freedom from pest and disease damage. Screening was also conducted in the glasshouse for cotyledon resistance to redlegged earth mite (RLEM; *Halotydeus destructor*). SL035 was selected for release as cultivar 'Edison' in 2021, on the basis of late flowering, high biomass production, strong burr set and high seed yield, low formononetin content and resistance to clover scorch disease, powdery mildew and leaf rust and moderate cotyledon resistance to RLEM. Seed was produced from 1,520 spaced plants in 2021, checked individually for uniformity and freedom from seed-borne viruses. Breeders: Phillip Nichols and Bradley Wintle, The University of Western Australia, Crawley, WA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	time of beginning of flowering	late
Seed	colour	black





Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Woogenellup'	medium to late flowering time and parent of 'Edison'
'Denmark'	late flowering time and parent of 'Edison'
'Goulburn'	late flowering time
'Carver'	late flowering time
'Leura'	late flowering time
'Rosabrook'	late flowering time
'Mt Barker'	late flowering time

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

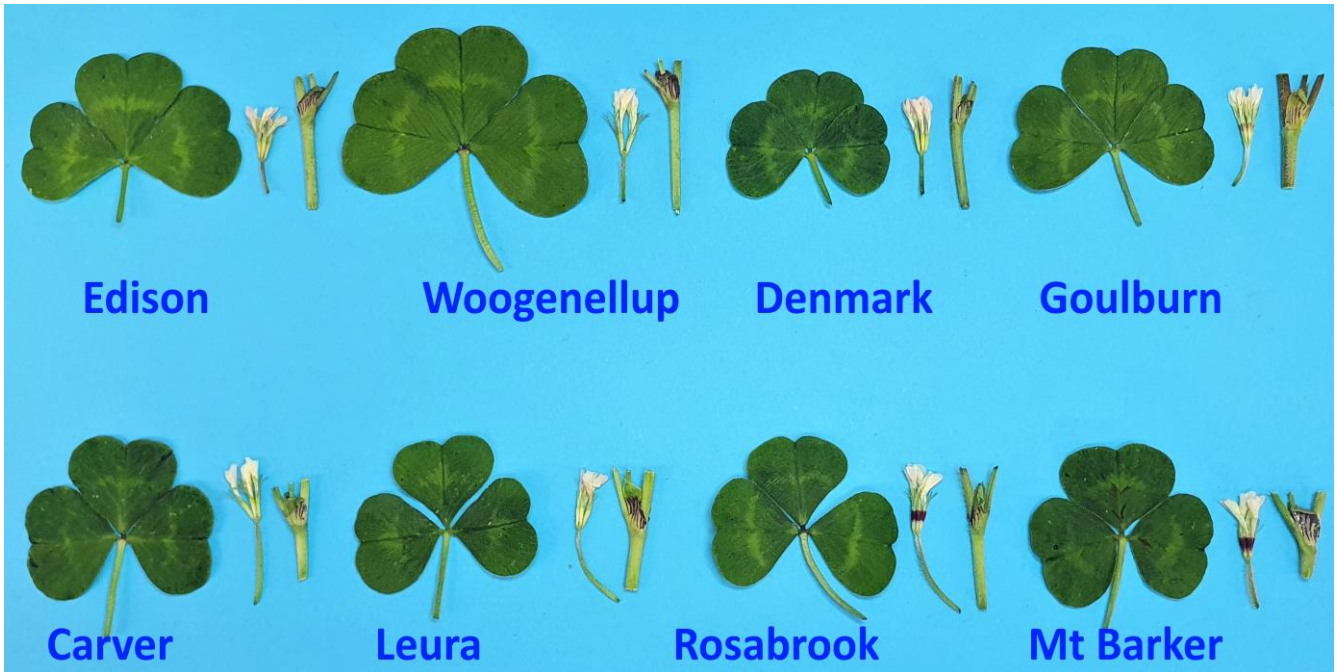
Organ/Plant Part: Context	'Edison'	'Carver'	'Denmark'	'Goulburn'	'Leura'	'Mt Barker'	'Rosabrook'	'Woogenellup'
<input type="checkbox"/> Leaf: hairiness of petiole	absent or very weak	weak	absent or very weak	weak	weak	medium	absent or very weak	weak
<input type="checkbox"/> *Leaflet: pattern of mark	a pair of arms and a crescent	a pair of arms and a crescent	a pair of arms and a crescent	a pair of arms and a crescent	a pair of arms and a crescent	a single, crescent-shaped central mark only	a single, crescent-shaped central mark only	a pair of arms and a crescent
<input type="checkbox"/> Leaflet: width of arms (only for varieties with arms)	medium	medium	narrow to medium	narrow to medium	narrow			medium
<input type="checkbox"/> Leaflet: clarity of arms (only for varieties with arms)	clear	clear	faint	clear	clear			clear
<input checked="" type="checkbox"/> Leaflet: colour of arms (only for varieties with arms)	light green	light green	light green	white	white			light green
<input checked="" type="checkbox"/> Leaflet: indentation of distal margin	weak to medium	medium	weak	strong	medium	weak	weak	medium to strong

Statistical Table

Organ/Plant Part: Context	Edison	'Carver'	'Denmark'	'Goulburn'	'Leura'	'Mt Barker'	'Rosabrook'	'Woogenellup'
 Plant: time of beginning of flowering (days)								
Mean	146.54	138.80	146.31	141.39	148.86	139.06	145.28	132.25
Std. Deviation	1.28	1.63	2.01	1.82	1.44	2.55	1.97	1.92
Lsd/sig	0.92	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
 Leaf: formononetin content (% of dry matter)								
Mean	0.11	0.03	0.02	0.01	0.01	0.04	0.14	0.15
Std. Deviation	0.04	0.04	0.03	0.02	0.03	0.03	0.05	0.05
Lsd/sig	0.018	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
 Leaf: genistein content (% of dry matter)								
Mean	1.21	0.93	1.19	0.85	1.02	0.97	1.04	1.12
Std. Deviation	0.14	0.14	0.15	0.15	0.17	0.12	0.15	0.16
Lsd/sig	0.074	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
 Leaf: biochanin A content (% of dry matter)								
Mean	0.27	0.32	0.51	0.27	0.34	0.26	0.46	0.34
Std. Deviation	0.05	0.07	0.09	0.09	0.09	0.06	0.09	0.08
Lsd/sig	0.039	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

Description: Phillip Nichols, The University of Western Australia, Crawley, WA.



Subterranean Clover (*Trifolium subterraneum* var. *Subterraneum*) 'Edison'

Details of Application

Application Number	2022/197
Variety Name	'Carver'
Genus Species	<i>Trifolium subterraneum</i> var. <i>subterraneum</i>
Common Name	Subterranean Clover
Accepted Date	03-May-2023
Applicant	PGG Wrightson Seeds (Australia) Pty Ltd; Truganina, VIC and The University of Western Australia, Crawley, WA.
Agent	Grasslands Innovation Ltd, Lincoln, NZ.
Qualified Person	Phillip Nichols

Details of Comparative Trial

Location	The University of Western Australia Shenton Park Field Station, Shenton Park WA 6009
Descriptor	Subterranean clover (<i>Trifolium subterraneum</i>) TG/170/3
Period	May - November 2022
Conditions	Plants were germinated in the glasshouse in peat pots on May 11, inoculated with Group C rhizobia on May 18 and transplanted to the field on June 22 into 9 cm diameter holes cut into plastic strips. Plots remained undefoliated throughout the season and were hand-weeded and irrigated by overhead sprinklers when necessary.
Trial Design	Completely randomised block design with 4 replications per treatment and plots consisting of 9 plants, spaced 50 cm apart. Two generations of both 'Carver' and 'Edison' (2020 and 2021 seed) were sown as individual treatments.
Measurements	Flowering time and isoflavone contents (formononetin, genistein and biochanin A) were measured on all plants. All plants were checked for qualitative characters.
RHS Chart - edition	Not applicable

Origin and Breeding

Controlled pollination: 'Carver' is derived from the cross, designated 89S55, made in 1989 by Dr P.G.H. Nichols (formerly Department of Primary Industries and Regional Development (DPIRD), Western Australia and currently University of Western Australia (UWA)). The parentage is Goulburn/Woogenellup. 89S55.26 was one of 60 F2 spaced plants selected from cross 89S55 at the UWA Shenton Park Field Station (UFS) in 1991. 89S55.26 was grown for further selection and seed increase as an F3 row at UFS in 1992. Key selection criteria were late flowering, low formononetin content, dense and leafy crowns and vigorous growth. In 1993 89S55.26 was one of 240 F4, F2-derived lines sown in selection nursery plots at Mt Barker (WA), Hamilton (Victoria) and Launceston (Tasmania). Plots were managed as self-regenerating swards for 3 years under standard district pasture management practices, with regular grazing by sheep. Key measurements included biomass in autumn, winter and spring, seedling regeneration density in Years 2 and 3 and freedom from pest and disease damage. Seeds were harvested from the best 20 lines at each site in January 1996 and 10 spaced plants of each line were sown at UFS. 'Carver' is derived from 89S55.26.T-9, a spaced plant of line 89S55.26 grown in Tasmania. It is assumed to be an F7-derived line, although it may have been derived from the F6 or F5 generations. In 1997 89S55.26.T-9 was grown as a homozygous

row at UFS and selected for further evaluation, based on late maturity, formononetin content < 0.2% of dry matter and high plant vigour in winter and spring. Screening was also conducted for resistance to clover scorch disease (*Kabatiella caulivora*).

Further development of this material was deferred until 2016, when 503 late flowering homozygous lines, including 89S55.26.T-9, were sown at UFS. It was included among 116 short-listed lines selected for Stage 1 evaluation at Manjimup in 2017, where replicated plots were managed as regenerating swards under grazing for 2 years. These lines were also grown in 2017 at UFS and 43 of the most promising lines were grown for seed increase in 2018 at UFS. Natural outbreaks of clover scorch disease and leaf rust (*Uromyces trifolii-repentis*) at Manjimup and powdery mildew (*Erysiphe polygonii*) at UFS allowed screening for resistance. 89S55.26.T-9, re-named SL038, was one of 18 elite lines selected for Stage 2 field evaluation trials in 2019 at Manjimup and Busselton (WA), Ballarat (Victoria), Blayney (New South Wales) and at Lincoln and Palmerston North (New Zealand), as part of the Annual Legume Breeding Australia (ALBA) joint venture between UWA and DLF Seeds. These trials were managed as replicated, self-regenerating swards for 3 years under standard district pasture management practices, with regular grazing by sheep. Key measurements included biomass in autumn, winter, early spring and late spring, seedling regeneration density in Years 2 and 3, seed yield and freedom from pest and disease damage. Screening was also conducted in the glasshouse for cotyledon resistance to redlegged earth mite (RLEM; *Halotydeus destructor*). SL038 was selected for release as cultivar 'Carver' in 2022, on the basis of late flowering, high biomass production, strong burr set and high seed yield, low formononetin levels, resistance to clover scorch disease and moderate cotyledon resistance to RLEM. Breeder's Seed was produced from 1,600 spaced plants in 2022 checked individually for uniformity and freedom from seed-borne viruses. Breeders: Phillip Nichols and Bradley Wintle, The University of Western Australia, Crawley, WA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	time of beginning of flowering	late
Seed	colour	black

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Woogenellup'	medium to late flowering time and parent of 'Carver'
'Goulburn'	late flowering time and parent of 'Carver'
'Denmark'	late flowering time
'Edison'	late flowering time
'Leura'	late flowering time
'Rosabrook'	late flowering time
'Mt Barker'	late flowering time

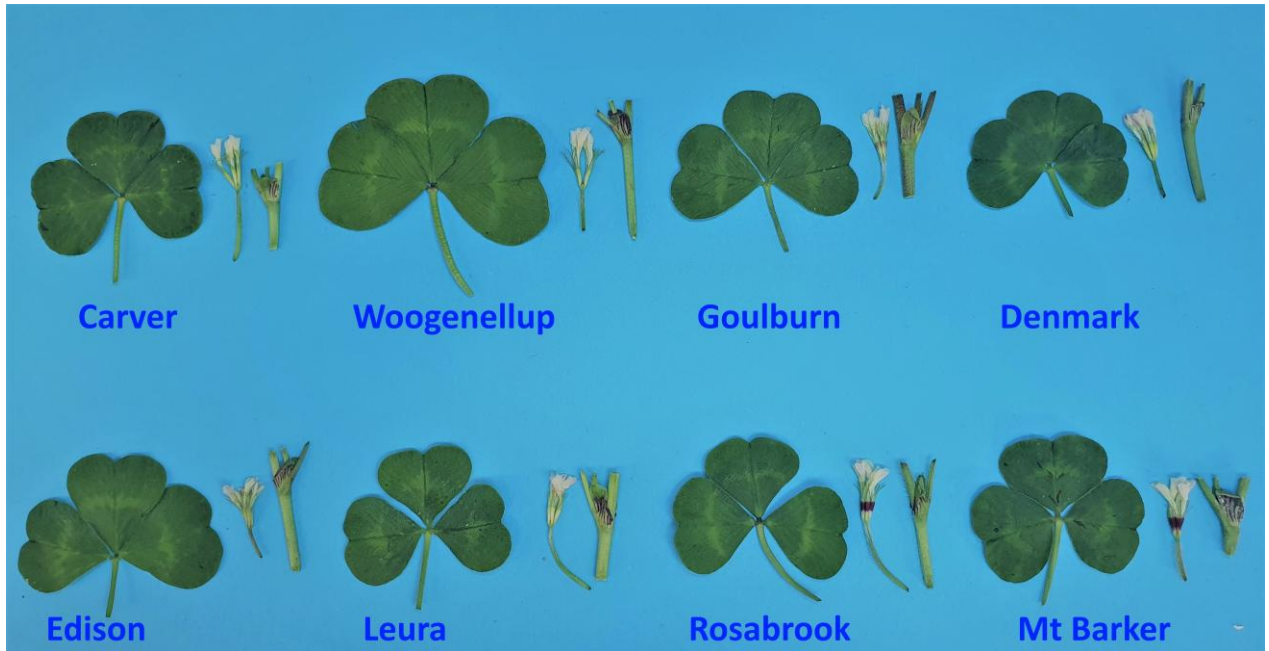
<input checked="" type="checkbox"/> *Calyx tube: hue	absent	absent	absent	present	absent	present	present	absent
<input type="checkbox"/> Peduncle: degree of hairiness	weak	absent or very weak	very weak to weak	weak	medium	strong	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem (runner): degree of hairiness	absent or very weak	absent or very weak	weak	absent or very weak	medium	strong	weak	absent or very weak
<input type="checkbox"/> *Seed: colour	black	black	black	black	black	black	black	black

Statistical Table

Organ/Plant Part: Context	Carver	'Denmark'	'Edison'	'Goulburn'	'Leura'	'Mt Barker'	'Rosabrook'	'Woogenellup'
<input checked="" type="checkbox"/> Plant: time of beginning of flowering (days)								
Mean	138.80	146.31	146.54	141.39	148.86	139.06	145.28	132.25
Std. Deviation	1.63	2.01	1.28	1.82	1.44	2.55	1.97	1.92
Lsd/sig	0.92	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: formononetin content (% of dry matter)								
Mean	0.03	0.02	0.11	0.01	0.01	0.04	0.14	0.15
Std. Deviation	0.04	0.03	0.04	0.02	0.03	0.03	0.05	0.05
Lsd/sig	0.018	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: genistein content (% of dry matter)								
Mean	0.93	1.19	1.21	0.85	1.02	0.97	1.04	1.12
Std. Deviation	0.14	0.15	0.14	0.15	0.17	0.12	0.15	0.16
Lsd/sig	0.074	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: biochanin a content (% of dry matter)								
Mean	0.32	0.51	0.27	0.27	0.34	0.26	0.46	0.34
Std. Deviation	0.07	0.09	0.05	0.09	0.09	0.06	0.09	0.08
Lsd/sig	0.039	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns

Prior Applications and Sales: Nil

Description: Phillip Nichols, The University of Western Australia, Crawley, WA.



Subterranean Clover (*Trifolium subterraneum* var. *Subterraneum*) 'Carver'

Details of Application

Application Number	2022/290
Variety Name	'RGT SOUTHWARK'
Genus Species	<i>Avena sativa</i>
Common Name	Oats
Synonym	RGT-Southwark
Accepted Date	10-Feb-2023
Applicant	RAGT 2n, Rodez, France
Agent	Seed Force Pty Ltd, VIC Australia
Qualified Person	Maqbool Ahmad, Longerenong VIC

Details of Comparative Trial

Overseas Testing Authority	CPVO United Kingdom
Overseas Data Reference Number	AFP 3/385
Location	NIAB, Cambridge, United Kingdom
Descriptor	CPVO-TP/020/1
Period	2014 - 2015
Conditions	as per CPVO-TP/020/1
Trial Design	as per CPVO-TP/020/1
Measurements	as per CPVO-TP/020/1
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Inbred lines 24062/24082 in 2005. The F1 was crossed with 932563 in 2006 F2 population in segregation in 2007 : selection of ears based on diseases, height F3 population in segregation in 2008 : selection of plants based on diseases, height NL-4 ear-rows drilled in 2008/09 for a selection based on aspect and diseases resistance, quality tests on the harvest 2010-11 to 2012-13 Private trials networks : selection focused on grain yield, quality (specific weight, kernel content, screening, TGW and grain protein content From 2013 to 2015 the variety was in the official BSPB trials in the UK The variety was recommended in the UK in 2018. Breeder: Sébastien Cuvelier, RAGT 2n, Rodez, 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
Stem	hairiness of uppermost node	medium
Grain	husk	present
Grain	colour of lemma	white
Seasonal	type	winter

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fergus 3/365'	

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

Organ/Plant Part: Context	'RGT SOUTHWARK'	'Fergus 3/365'
----------------------------------	------------------------	-----------------------

<input type="checkbox"/>	Grain: colour of lemma	white
<input type="checkbox"/>	Plant: growth habit	semi-erect
<input checked="" type="checkbox"/>	Lowest leaves: hairiness of sheaths	absent or weak medium
<input type="checkbox"/>	Leaf blade: hairiness of margins	absent or very weak to weak
<input type="checkbox"/>	Plant: frequency of plants with recurved flag leaves	low
<input type="checkbox"/>	Panicle: time of emergence	early to medium
<input type="checkbox"/>	Stem: hairiness of uppermost node	medium
<input type="checkbox"/>	Glume: glaucosity	weak to medium
<input type="checkbox"/>	Panicle: attitude of branches	semi-erect
<input type="checkbox"/>	Glume: length	short to medium
<input type="checkbox"/>	Primary grain: glaucosity of lemma	absent or very weak
<input type="checkbox"/>	Plant: length	medium
<input type="checkbox"/>	Panicle: length	medium to long
<input type="checkbox"/>	Grain: husk	present
<input type="checkbox"/>	Primary grain: hairiness of base	medium to strong
<input type="checkbox"/>	Primary grain: length of basal hairs	medium
<input type="checkbox"/>	Primary grain: frequency of awns	absent or low to medium
<input type="checkbox"/>	Primary grain: length of lemma	short to medium
<input type="checkbox"/>	Primary grain: length of rachilla	medium
<input type="checkbox"/>	Seasonal type:	winter

Prior Applications and Sales:

Country	Year	Status	Name Applied
Europe	2017	Granted	'RGT SOUTHWARK'
United Kingdom	2016	Granted	'RGT SOUTHWARK'

First sold in France in September 2019

Description: Maqbool Ahmad, Longerenong VIC



Oats (*Avena sativa*) variety 'RGT SOUTHWARK'

Details of Application

Application Number	2023/027
Variety Name	'PRIMECUT'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Accepted Date	24-May-2023
Applicant	Vilmorin-Mikado, LA Menitre, France.
Agent	Spruson & Ferguson, Sydney, NSW.
Qualified Person	Calixto Dilag

Details of Comparative Trial

Location	Templestowe VIC.
Descriptor	Lettuce (<i>Lactuca sativa</i>) TG/13/10 rev
Period	Spring 2024
Conditions	Trial was planted early spring and examined end of October 2024. Drip irrigation, black fleece weed mat and bird nets were used.
Trial Design	Side by side comparison. Two replicates of two generations of candidate variety and comparator were used.
Measurements	As per UPOV guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination. F1 cross made in summer 2017 between two parents. F2 screened in France in Spring and summer 2018. F3 seeds produced in France at La Menitre during summer/fall 2018 and tested for downy mildew and Nasanovia during winter. 2018 F3 lines screened in France (La Menitre and Ledenon) and Australia (Templestowe) during 2019. F4 seeds produced in France and Australia during summer/fall 2019 and tested for downy mildew/Nasanovia/Fusarium during winter 2019. F4 lines screened in France (La Menitre and Ledenon) and Australia (Templestowe) during 2020. F5 seeds produced in France and Australia during summer/fall 2020 and tested for downy mildew/Nasanovia/Fusarium during winter 2020. F5 lines screened in France (La Menitre and Ledenon) and Australia (Templestowe) during 2021. F6 seeds produced in Chile during winter 2021 (seeds production). Main selection criteria used to develop the variety are Bremia Lactucae resistance, Nasanovia ribisnigri, Fusarium resistance (Fol1 and Fol4). Breeder: Vilmorin-Mikado, 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
Head	degree of overlapping of upper part of leaves	very weak
Resistance to Bremia lactucae	bl 16	present
Leaf	anthocyanin colouration	absent or very weak

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Exam'

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
'Wildebeast'	Resistance to Bremia lactucae	present	absent	Resistance to Bremia lactucae

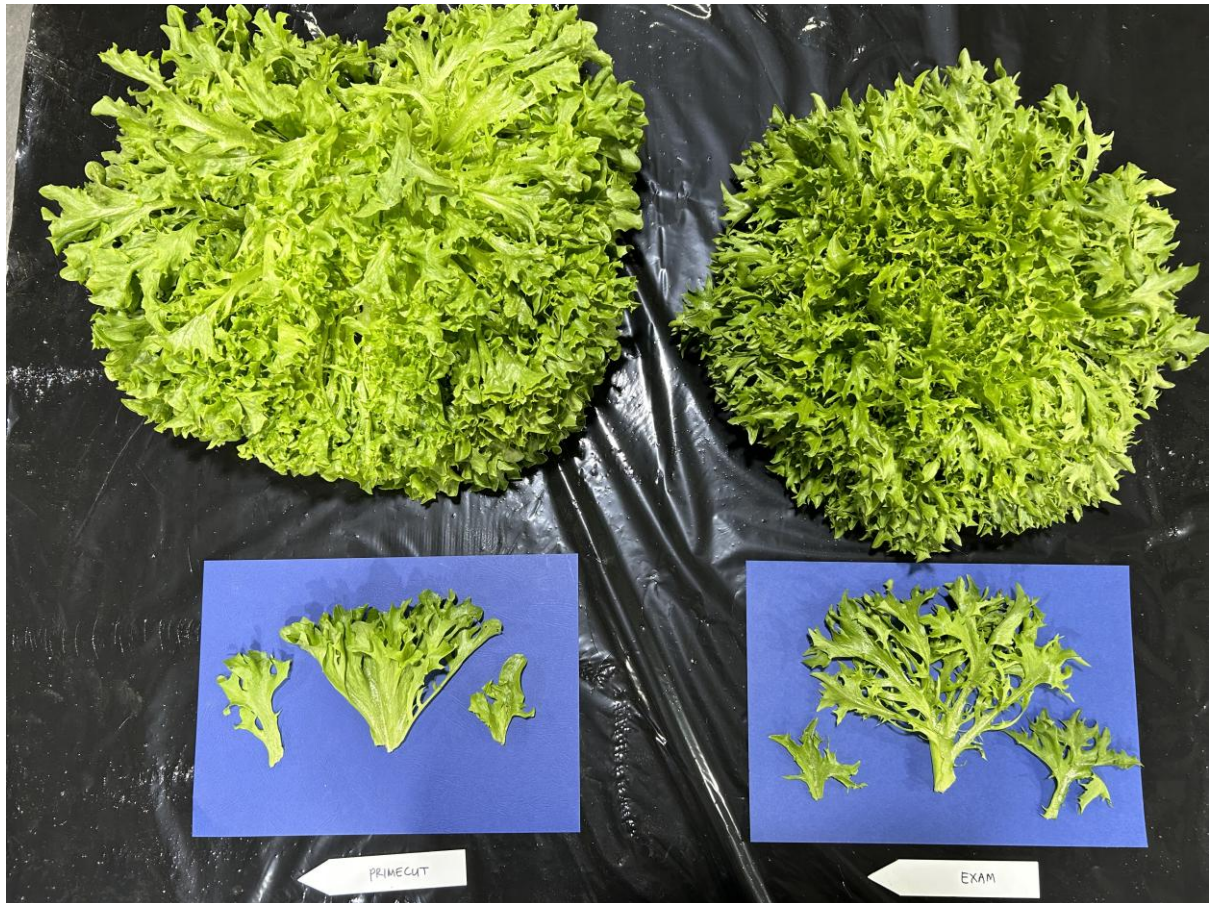
Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with X

Organ/Plant Part: Context	'PRIMECUT'	'Exam'
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf blade: division	divided	divided
<input checked="" type="checkbox"/> *Plant: diameter	large	medium
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	very weak	very weak
<input type="checkbox"/> Leaf: thickness	medium to thick	medium to thick
<input type="checkbox"/> Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: shape of tip	rounded	acute
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium	deep
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	sparse to medium	medium to dense
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	early to medium	medium
<input type="checkbox"/> Plant: height	medium	medium to tall

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PRIMECUT'	'Exam'
<input type="checkbox"/> Core: length	medium to long	medium

Prior Applications and Sales: Nil**Description: Calixto Dilag, HM. Clause Pacific Pty Ltd, Bulleen, VIC.**



Lettuce (*Lactuca. Sativa*) 'PRIMECUT'

Details of Application

Application Number	2023/052
Variety Name	'IB 910-30'
Genus Species	<i>Rhodanthemum hybrid</i>
Common Name	Moroccan Daisy
Accepted Date	27-Apr-2023
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/222/1
Period	February 2024 to October 2024
Conditions	Trial conducted in the open, plants propagated as cuttings February 2024 and transferred to 140mm pots in May 2024. Pots were filled with soilless, pine bark-based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.
Trial Design	Fifteen pots of each variety in a completely randomised design.
Measurements	From ten plants randomly selected.
RHS Chart - edition	Fifth Edition

Origin and Breeding

Cross pollination occurred with the maternal parent *Rhodanthemum* hybrid 'African Eyes' and paternal parent *Rhodanthemum gayanum* 'Pretty in Pink' during the summer of 2018/19, as part of an ongoing *Rhodanthemum* breeding program to produce a selection with green greyish foliage, pale pink petal colour, and semi-erect to upright plant habit. Seed was sown in April 2019 and seedlings raised to maturity in spring. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further twelve months to evaluate mature plant performance. In September 2020 a final selection was made on the breeding criteria above. Several cutting generations have all remained uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, 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
Flower head	type	single
Plant	growth habit	upright to semi upright
Flower head	predominant type of ray floret	ligulate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pretty in Pink'	
'Kathleen'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part				
'Flamingo'	plant	growth habit	upright	prostrate	
'Shirley'	plant	growth habit	upright	prostrate	

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

Organ/Plant Part: Context	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input checked="" type="checkbox"/> Plant: density	medium to dense	medium to dense	sparse to medium
<input checked="" type="checkbox"/> *Leaf: length	short	long	medium
<input checked="" type="checkbox"/> *Leaf: colour of upper side	grey green	dark green	medium green
<input type="checkbox"/> Peduncle: length	long	very long	very long
<input type="checkbox"/> *Flower head: type	single	single	single
<input checked="" type="checkbox"/> *Flower head: diameter	large to very large	medium	large
<input checked="" type="checkbox"/> *Ray floret: length	long	medium	medium to long
<input type="checkbox"/> *Ray floret: width	medium	medium to broad	narrow to medium
<input checked="" type="checkbox"/> *Ray floret: number of colours	two	two	one
<input checked="" type="checkbox"/> *Disc: diameter (varieties with flower head type: single; semi double; and anemone like only)	large to very large	medium	large
<input checked="" type="checkbox"/> *Disc: main colour (varieties with flower head type: single and semi double only)	red	red	brown
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early	late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input checked="" type="checkbox"/> Plant: height (not including peduncle)	medium	short	medium
<input type="checkbox"/> Plant: growth habit	upright	semi upright	semi upright
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	strong	weak
<input checked="" type="checkbox"/> Peduncle: habit	semi upright to upright	upright	prostrate
<input checked="" type="checkbox"/> Flower receptacle: size	small to medium	small to medium	large
<input type="checkbox"/> Flower head: predominant type of ray floret	ligulate	ligulate	ligulate
<input checked="" type="checkbox"/> Ray floret: shape of tip	dentate	dentate	rounded
<input checked="" type="checkbox"/> Ray floret: main colour	light pink	mid pink	dark pink
<input type="checkbox"/> Ray floret: secondary colour	white	white	-

Organ/Plant Part: Context	'IB 910-30'	'Kathleen'	'Pretty in Pink'
☒ Ray floret: colour change at maturity	absent	present	absent
☒ Ray floret (young): main colour of upper side (RHS colour chart)	75C	73B	73A
☒ Ray floret (young): main colour of lower side (RHS colour chart)	75C	75B	63A
☒ Ray floret (mature): main colour of upper side (RHS colour chart)	75D	68B	N66D
☒ Ray floret (mature): main colour of lower side (RHS colour chart)	69C	65A	68A
☒ Flower: number of flowers	many	few	few to medium

Prior Applications and Sales: Nil

Descriptor: Jordan Smark, Plant Growers Australia Pty Ltd, Wonga Park, VIC.



Moroccan Daisy (*Rhodanthemum* hybrid) 'IB 910-30'

Details of Application

Application Number	2023/121
Variety Name	'FANDANGO'
Genus Species	<i>Fragaria x ananassa Duchesne ex Rozier</i>
Common Name	Strawberry
Accepted Date	18-Jul-2023
Applicant	Fresh Forward Holding B.V., Huissen, The Netherlands.
Agent	Spruson & Ferguson, Sydney, NSW.
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	OFICINA ESPAÑOLA DE VARIEDADES VEGETALES (OEVV)
Overseas Data Reference Number	20182177
Location	IFAPA, Finca Experimental "El Cebollar" Moguer. Huelva. Spain
Descriptor	CPVO-TP/022/3 28/11/2012
Period	On trial since 25/10/2018
Trial Design	In accordance with CPVO-TP/022/3 28/11/2012
Measurements	In accordance with CPVO-TP/022/3 28/11/2012
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety originated from a cross-pollination by the applicant during the summer in 2010 at the former business location of the applicant in Eck en Wiel, the Netherlands. The objective of the breeding program was to create a new strawberry variety with an (semi) upright plant habit and early and uniform ripening fruits. The new variety originated from a cross-pollination between an unnamed seedling S2009-639 and a commercial variety. After discovery and selection as a single plant of the new variety on the breeding premises of the applicant in Huelva, Spain in 2012, asexual reproduction of the new variety by runner cuttings has been taken. All new (asexual reproduced) plants showed the same distinctive characteristics. As of the discovery and selection in 2012, approximately 6 to 8 generations of the new variety have been propagated. Breeder: Fresh Forward Holding B.V., Huissen, 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	growth habit	spreading
Petal	colour of upper side	white
Fruit	size	medium
Fruit	shape	conical
Fruit	colour	orange red
Plant	Type of bearing	not remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rociera'	

Name	Comments
'Calinda'	

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

Organ/Plant Part: Context	'FANDANGO'	'Rociera'	'Calinda'
<input type="checkbox"/> *Plant: growth habit	spreading		
<input checked="" type="checkbox"/> Plant: density of foliage	medium	medium to dense	medium to dense
<input type="checkbox"/> Plant: vigour	medium		
<input type="checkbox"/> *Plant: position of inflorescence in relation to same level foliage			
<input type="checkbox"/> *Plant: number of stolons	few to medium		
<input type="checkbox"/> Stolon: anthocyanin colouration	weak		
<input type="checkbox"/> Stolon: density of pubescence	sparse		
<input type="checkbox"/> Leaf: size	medium		
<input checked="" type="checkbox"/> Leaf: colour of upper side	dark green	medium green	
<input type="checkbox"/> *Leaf: blistering	strong		
<input type="checkbox"/> *Leaf: glossiness	strong		
<input type="checkbox"/> Leaf: variegation	absent		
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer		
<input type="checkbox"/> *Terminal leaflet: shape of base	obtuse		
<input type="checkbox"/> Terminal leaflet: margin	serrate to crenate		
<input type="checkbox"/> Terminal leaflet: shape in cross section	concave		
<input type="checkbox"/> Petiole: length	medium		
<input type="checkbox"/> Petiole: attitude of hairs	horizontal		
<input type="checkbox"/> Stipule: anthocyanin colouration	medium		
<input type="checkbox"/> Inflorescence: number of flowers	medium		
<input type="checkbox"/> Pedicel: attitude of hairs	upwards		
<input checked="" type="checkbox"/> Flower: diameter	medium	large	large
<input type="checkbox"/> *Flower: arrangement of petals	touching		
<input type="checkbox"/> *Flower: size of calyx in relation to corolla	larger		
<input type="checkbox"/> *Flower: stamen	present		
<input type="checkbox"/> Petal: length in relation to width	equal		
<input type="checkbox"/> *Petal: colour of upper side	white		
<input type="checkbox"/> *Fruit: length in relation to width	moderately longer		
<input type="checkbox"/> *Fruit: size	medium		
<input type="checkbox"/> *Fruit: shape	conical		
<input type="checkbox"/> Fruit: difference in shape of terminal and other fruits	slight to moderate		
<input type="checkbox"/> *Fruit: colour	orange red		
<input type="checkbox"/> Fruit: evenness of colour	slightly uneven		
<input type="checkbox"/> Fruit: glossiness	medium		
<input type="checkbox"/> Fruit: evenness of surface	even or very slightly uneven		
<input type="checkbox"/> Fruit: width of band without achenes	narrow		

Organ/Plant Part: Context	'FANDANGO'	'Rociera'	'Calinda'
<input checked="" type="checkbox"/> *Fruit: position of achenes	below surface		Level with surface
<input type="checkbox"/> Fruit: position of calyx attachment	level with fruit		
<input type="checkbox"/> Fruit: attitude of sepals	upwards		
<input type="checkbox"/> Fruit: diameter of calyx in relation to diameter of fruit	slightly smaller		
<input type="checkbox"/> Fruit: adherence of calyx	weak		
<input type="checkbox"/> Fruit: firmness	soft to medium		
<input type="checkbox"/> Fruit: colour of flesh (excluding core)	light red		
<input type="checkbox"/> Fruit: colour of core	light red		
<input checked="" type="checkbox"/> Fruit: cavity	medium		large
<input type="checkbox"/> *Time of: beginning of flowering	early		
<input checked="" type="checkbox"/> Time of: beginning of fruit ripening	early	medium	
<input type="checkbox"/> *Type of: bearing	not remontant		

Prior Applications and Sales

Country	Year	Status	Name Applied
EU	2018	Granted	'FANDANGO'
EG	2019	Granted	'FANDANGO'
JO	2019	Granted	'FANDANGO'
MA	2019	Granted	'FANDANGO'
TN	2019	Granted	'FANDANGO'

First sold in Spain in Nov: 2019.

Description: Michael Christie, Spruson & Ferguson, Sydney, NSW.



2023

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

Details of Application

Application Number	2023/184
Variety Name	'PremeA093'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Accepted Date	18-Sep-2023
Applicant	Prevar Limited, Havelock North, New Zealand
Agent	Australian Nurseryman's Fruit Improvement Company Limited, North Lakes, QLD, Australia.
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	APP258 Grant number 34596
Location	Cultivar Centre, Havelock North, New Zealand
Descriptor	TG/9/14 2019
Period	2021-2022
Conditions	There were no specific affecting the trial.
Trial Design	The following-detailed botanical description is based on observations of 5-year-old trees made during the 2019-2020 growing season at Napier, New Zealand, except where otherwise noted. The described trees were grown on 'M116' rootstock. It should be understood that the characteristics described will vary somewhat depending upon cultural practices and climatic conditions, and will vary with location and season.
Measurements	Quantified measurements are expressed as an average of measurements taken from a number of individual plants of the new variety. The measurements of any individual plant or any group of plants of the new variety may vary from the stated average.
RHS Chart - edition	All colors are described according to The Royal Horticultural Society Colour Chart.

Origin and Breeding

Controlled pollination: The new apple tree variety 'PremeA093' was created in the course of a planned breeding program carried out at Havelock North, New Zealand. 'PremeA093' originated as a result of a controlled cross made in 2001 of 'Scifresh' (seed parent, USPP13,888) and 'A080R12T094' (pollen parent, not patented). 'PremeA093' was selected as a single plant from among a population of seedlings derived from the parents and was initially selected for its intense red skin color and early maturity as compared to 'Galaxy' Gala (USPP6,955). The variety has been observed over a number of asexually propagated generations and has been found to remain true to type. 'PremeA093' is easily distinguished from late-maturing male parent 'A080R12T094', the fruit of which is yellow-green with little to no blush overcolor as compared to the intense red skin color of 'PremeA093'. The male parent produces globose conical fruit as compared to the ovoid to conical fruit of 'PremeA093'. 'PremeA093' is distinguished from female parent variety 20 'Scifresh' and from similar varieties 'Galaxy' Gala and 'PremeA280'. Breeder: Richard Volz, New Zealand Plant and Food Research, Havelock North, New Zealand

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	size	small to medium
Fruit	relative area of overcolour	large to very large
Fruit	hue of over colour of skin	red
Fruit	pattern of over colour of skin	only solid flush
Time of	eating maturity	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'TCL3'	

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

Organ/Plant Part: Context	'PremA093'	'TCL3'
<input type="checkbox"/> Tree: vigour	medium	
<input type="checkbox"/> *Tree: type	ramified	
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	
<input type="checkbox"/> One-year-old shoot: thickness	medium	
<input type="checkbox"/> *One-year-old shoot: length of internode	short to medium	
<input type="checkbox"/> One-year-old shoot: colour on sunny side	light brown	
<input type="checkbox"/> One-year-old shoot: pubescence	medium to strong	
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium	
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	upwards	
<input checked="" type="checkbox"/> *Leaf blade: length	long to very long	medium to long
<input type="checkbox"/> *Leaf blade: width	broad	
<input type="checkbox"/> *Leaf blade: ratio length/width	large to very large	
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	
<input type="checkbox"/> Leaf blade: incisions of margin	serrate type 1	
<input type="checkbox"/> Leaf blade: pubescence on lower side	medium	
<input checked="" type="checkbox"/> *Petiole: length	long to very long	short
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	medium	
<input type="checkbox"/> *Flower: predominant colour at balloon stage	yellowish pink	
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	small to medium	
<input type="checkbox"/> *Flower: arrangement of petals	intermediate	
<input type="checkbox"/> Flower: position of stigmas relative to anthers	same level	
<input type="checkbox"/> Young fruit: extent of anthocyanin over colour	medium	

<input type="checkbox"/> *Fruit: size	small to medium
<input type="checkbox"/> *Fruit: height	medium to tall
<input type="checkbox"/> *Fruit: diameter	small
<input type="checkbox"/> *Fruit: ratio height/diameter	large to very large
<input checked="" type="checkbox"/> *Fruit: general shape	ovoid conic
<input type="checkbox"/> Fruit: ribbing	absent or weak
<input type="checkbox"/> Fruit: crowning at calyx end	moderate
<input type="checkbox"/> *Fruit: size of eye	small
<input type="checkbox"/> Fruit: length of sepal	short
<input type="checkbox"/> Fruit: greasiness of skin	absent or weak
<input type="checkbox"/> *Fruit: ground colour	whitish yellow
<input type="checkbox"/> *Fruit: relative area of over colour	large to very large
<input type="checkbox"/> *Fruit: hue of over colour – with bloom removed	red
<input type="checkbox"/> *Fruit: intensity of over colour	medium
<input type="checkbox"/> *Fruit: pattern of over colour	only solid flush
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	absent or small
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small
<input type="checkbox"/> Fruit: number of lenticels	medium to many
<input type="checkbox"/> Fruit: size of lenticels	small
<input type="checkbox"/> *Fruit: length of stalk	medium
<input type="checkbox"/> *Fruit: depth of stalk cavity	medium
<input type="checkbox"/> *Fruit: width of stalk cavity	narrow
<input type="checkbox"/> *Fruit: depth of eye basin	medium
<input type="checkbox"/> *Fruit: width of eye basin	very narrow to narrow
<input type="checkbox"/> *Fruit: firmness of flesh	firm to very firm
<input type="checkbox"/> *Fruit: colour of flesh	cream
<input type="checkbox"/> *Fruit: aperture of locules	closed or slightly open
<input checked="" type="checkbox"/> *Time of: beginning of flowering	medium early
<input type="checkbox"/> *Time of: eating maturity	early

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2020	Granted	'PremA093'
New Zealand	2019	Granted	'PremA093'

European Union	2021	Pending	'PremA093'
South Africa	2021	Pending	'PremA093'
France	2020	Pending	'PremA093'

First sold in New Zealand in August 2019 and in Australia in September 2022

Description: Gavin Porter, Kallangur, QLD 4503.



Apple (*Malus domestica*) variety 'PremA093'

Details of Application

Application Number	2023/185
Variety Name	'IB 910-20'
Genus Species	<i>Rhodanthemum</i> hybrid
Common Name	Moroccan Daisy
Accepted Date	04-Oct-2023
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/222/1
Period	February 2024 to October 2024
Conditions	Trial conducted in the open, plants propagated as cuttings February 2024 and transferred to 140mm pots in May 2024. Pots were filled with soilless, pine bark-based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.
Trial Design	Fifteen pots of each variety in a completely randomised design.
Measurements	From ten plants randomly selected.
RHS Chart - edition	Fifth Edition

Origin and Breeding

Cross pollination: occurred with the maternal parent *Rhodanthemum* catananche 'Tizi n Test' and paternal parent *Rhodanthemum* gayanum 'Flamingo' during the summer of 2018/19, as part of an ongoing *Rhodanthemum* breeding program to produce a selection with green greyish foliage, dark pink petal colour, and semi-erect to upright plant habit. Seed was sown in April 2019 and seedlings raised to maturity in spring. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further twelve months to evaluate mature plant performance. In September 2020 a final selection was made on the breeding criteria above. Several cutting generations have all remained uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, 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
Ray floret	colour	pink
Plant	growth habit	upright to semi upright
Flower head	type	single
Flower head	predominant type of ray floret	ligulate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pretty in Pink'	
'Kathleen'	

Name	Comments
'IB 910-30'	

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
'IB 009-4'	Ray floret	complete	absent	present
	Organ/Plant Part	colour change		

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

Organ/Plant Part: Context	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input type="checkbox"/> Plant: density	medium	medium to dense	medium to dense	sparse to medium
<input checked="" type="checkbox"/> *Leaf: length	short to medium	short	long	medium
<input checked="" type="checkbox"/> Peduncle: length	medium	long	very long	very long
<input type="checkbox"/> *Flower head: type	single	single	single	single
<input checked="" type="checkbox"/> *Flower head: diameter	medium	large to very large	medium	large
<input checked="" type="checkbox"/> *Ray floret: length	short to medium	long	medium	medium to long
<input checked="" type="checkbox"/> *Ray floret: width	narrow to medium	medium	medium to broad	narrow to medium
<input checked="" type="checkbox"/> *Ray floret: number of colours	one	two	two	one
<input checked="" type="checkbox"/> *Disc: diameter (varieties with flower head type: single; semi double; and anemone like only)	medium	large to very large	medium	large
<input checked="" type="checkbox"/> *Disc: main colour (varieties with flower head type: single and semi double only)	brown	red	red	brown
<input checked="" type="checkbox"/> *Time of: beginning of flowering	medium	very early	late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input type="checkbox"/> Plant: growth habit	upright	upright	semi upright	semi upright
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	weak	strong	weak
<input checked="" type="checkbox"/> Peduncle: habit	semi upright	semi upright to upright	upright	prostrate
<input checked="" type="checkbox"/> Flower receptacle: size	small to medium	small to medium	small to medium	large

Organ/Plant Part: Context	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input type="checkbox"/> Flower head: predominant type of ray floret	ligulate	ligulate	ligulate	ligulate
<input checked="" type="checkbox"/> Ray floret: shape of tip	dentate	dentate	dentate	rounded
<input type="checkbox"/> Ray floret: main colour	dark pink	light pink	mid pink	dark pink
<input type="checkbox"/> Ray floret: secondary colour	dark pink	white	white	
<input checked="" type="checkbox"/> Ray floret: colour change at maturity	present	absent	present	absent
<input checked="" type="checkbox"/> Ray floret (young): main colour of upper side (RHS colour chart)	N66D	75C	73B	73A
<input checked="" type="checkbox"/> Ray floret (young): main colour of lower side (RHS colour chart)	61B	75C	75B	63A
<input checked="" type="checkbox"/> Ray floret (mature): main colour of upper side (RHS colour chart)	63C	75D	68B	N66D
<input checked="" type="checkbox"/> Ray floret (mature): main colour of lower side (RHS colour chart)	63B	69C	65A	68A
<input checked="" type="checkbox"/> Flower: number of flowers	medium	many	few	few to medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	medium green	grey green	dark green	medium green
<input checked="" type="checkbox"/> Plant: height (not including peduncle)	medium	medium	short	medium

Prior Applications and Sales

Nil

Description: Jordan Smark, Plant Growers Australia Pty Ltd, Wonga Park, VIC.



Moroccan Daisy (*Rhodanthemum hybrid*) variety 'IB 910-20'

Details of Application

Application Number	2023/187
Variety Name	'IB 009-4'
Genus Species	<i>Rhodanthemum</i> hybrid
Common Name	Moroccan Daisy
Accepted Date	19-Sep-2023
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/222/1
Period	February 2024 to October 2024
Conditions	Trial conducted in the open, plants propagated as cuttings February 2024 and transferred to 140mm pots in May 2024. Pots were filled with soilless, pine bark-based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.
Trial Design	Fifteen pots of each variety in a completely randomised design.
Measurements	From ten plants randomly selected.
RHS Chart - edition	Fifth Edition

Origin and Breeding

Cross pollination: occurred with the maternal parent *Rhodanthemum* hybrid 'African Eyes' and paternal parent *Rhodanthemum* hybrid 'IB810-1' during the summer of 2019/20, as part of an ongoing *Rhodanthemum* breeding program to produce a selection with green greyish foliage, mid pink aging to white, and semi-erect to upright plant habit. Seed was sown in April 2020 and seedlings raised to maturity in spring. At this time several initial selections were made in a range of desired colours and habits and subsequently grown for propagation trials to evaluate plant performance. In September 2020 a final selection was made on the breeding criteria above. Several cutting generations have all remained uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, 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
Plant	growth habit	upright to semi upright
Flower head	type	single
Flower head	predominant type of ray floret	ligulate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'IB 910-30'	
'Pretty in Pink'	
'Kathleen'	

Name	Comments
'IB 910-20'	

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

Organ/Plant Part: Context	'IB 009-4'	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input checked="" type="checkbox"/> Plant: density	dense to very dense	medium	medium to dense	medium to dense	sparse to medium
<input checked="" type="checkbox"/> *Leaf: length	short to medium	short to medium	short	long	medium
<input checked="" type="checkbox"/> Peduncle: length	medium	medium	long	very long	very long
<input type="checkbox"/> *Flower head: type	single	single	single	single	single
<input checked="" type="checkbox"/> *Flower head: diameter	small to medium	medium	large to very large	medium	large
<input checked="" type="checkbox"/> *Ray floret: length	short	short to medium	long	medium	medium to long
<input checked="" type="checkbox"/> *Ray floret: width	broad	narrow to medium	medium	medium to broad	narrow to medium
<input checked="" type="checkbox"/> *Ray floret: number of colours	one	one	two	two	one
<input checked="" type="checkbox"/> *Disc: diameter (varieties with flower head type: single; semi double; and anemone like only)	small	medium	large to very large	medium	large
<input checked="" type="checkbox"/> *Disc: main colour (varieties with flower head type: single and semi double only)	red	brown	red	red	brown
<input checked="" type="checkbox"/> *Time of: beginning of flowering	early	medium	very early	late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IB 009-4'	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input checked="" type="checkbox"/> Leaf: colour of upper side	dark green	medium green	grey green	dark green	medium green
<input checked="" type="checkbox"/> Plant: height (not including peduncle)	short	medium	medium	short	medium
<input type="checkbox"/> Plant: growth habit	upright	upright	upright	semi upright	semi upright
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	weak	weak	strong	weak
<input checked="" type="checkbox"/> Peduncle: habit	semi upright to upright	semi upright	semi upright to upright	upright	prostrate
<input checked="" type="checkbox"/> Flower receptacle: size	small to medium	small to medium	small to medium	small to medium	large
<input type="checkbox"/> Flower head: predominant type of ray floret	ligulate	ligulate	ligulate	ligulate	ligulate
<input checked="" type="checkbox"/> Ray floret: shape of tip	dentate	dentate	dentate	dentate	rounded

Organ/Plant Part: Context	'IB 009-4'	'IB 910-20'	'IB 910-30'	'Kathleen'	'Pretty in Pink'
<input checked="" type="checkbox"/> Ray floret: main colour	mid pink and white	dark pink	light pink	mid pink	dark pink
<input type="checkbox"/> Ray floret: secondary colour	none		white	white	
<input checked="" type="checkbox"/> Ray floret: colour change at maturity	present	present	absent	present	absent
<input checked="" type="checkbox"/> Ray floret (young): main colour of upper side (RHS colour chart)	73B	N66D	75C	73B	73A
<input checked="" type="checkbox"/> Ray floret (young): main colour of lower side (RHS colour chart)	64D	61B	75C	75B	63A
<input checked="" type="checkbox"/> Ray floret (mature): main colour of upper side (RHS colour chart)	N155B	63C	75D	68B	N66D
<input checked="" type="checkbox"/> Ray floret (mature): main colour of lower side (RHS colour chart)	69C	63B	69C	65A	68A
<input checked="" type="checkbox"/> Flower: number of flowers	many	medium	many	few	few to medium

Prior Applications and Sales: Nil

Descriptor: Jordan Smark, Plant Growers Australia Pty Ltd, Wonga Park, VIC.



Moroccan Daisy (*Rhodanthemum* hybrid) 'IB 009-4'

Details of Application

Application Number	2023/199
Variety Name	'Intrigue'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	16-Oct-2023
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: a cross was made at Plant Breeding Institute (PBI), Narrabri in 2014 resulting in a population coded N14:009. The population was selfed from F1 to F5 generations and grown in AGT summer nurseries, DAFFQ root lesion nematode nursery at Formartin and the field at PBI, Narrabri, with selection for plant type, maturity, root lesion nematode (*P. thornei*) tolerance and rust resistances. In 2016, subsamples of single plants were genotyped, these lines were selected for grain yield, multiple disease resistances and milling quality based on GS predictions. Surviving lines then entered into AGT's agronomic, disease and quality testing network across: New South Wales, Queensland, Victoria, South Australia and Western Australia. In 2019 a selection was identified which became SUN1081A. In 2022, SUN1081A entered the National Variety Trials (NVT) across Queensland and New South Wales. Seed purification began in 2020, and this seed was used as the source for commercial seed multiplication Breeders: Dr Meiqin Lu and Mr Thomas Kapcejevs, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	white
Plant	growth habit	semi erect
Straw	pith in cross section	thin
Seasonal	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Coolah'	Matches all 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
'LRPB Raider'	Plant growth habit	semi-erect	semi-prostrate	
'Coota'	Plant length	long to very long	short	
'Suntop'	Ear length of scurs or awns	medium to long	short	
'Sunmate'	Time of ear emergence	medium to late	early to medium	
'LRPB Lancer'	Plant growth habit	semi-erect	prostrate	
'Leverage'	Plant length	long to very long	medium to long	
'Sundancer'	Plant length	long to very long	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	'Intrigue'	'Coolah'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> Plant: growth habit	semi erect	semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium to high
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	medium
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	medium to strong

<input type="checkbox"/> Flag leaf: glaucosity of blade	medium to strong	medium
<input type="checkbox"/> Ear: glaucosity	weak to medium	weak
<input type="checkbox"/> Culm: glaucosity of neck	medium	weak to medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin
<input type="checkbox"/> Ear: density	lax	lax to medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present
<input checked="" type="checkbox"/> Ear: length of scurs or awns	medium to long	short to medium
<input type="checkbox"/> Ear: colour	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small to small	absent or very small to small
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	medium to long	short to medium
<input checked="" type="checkbox"/> Lower glume: shape of beak	straight	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Intrigue'	'Coolah'
<input type="checkbox"/> Time of: ear emergence (julian days)		
Mean	273.33	274.00
Std. Deviation	1.15	0.00
Lsd/sig	2.12	ns
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	97.25	109.65
Std. Deviation	1.06	0.21
Lsd/sig	5.15	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)		
Mean	106.40	101.50
Std. Deviation	0.42	0.99
Lsd/sig	4.58	P≤0.01

Prior Applications and Sales: Nil**Description: Andrew Cecil, Roseworthy, SA, 5371**



Wheat (*Triticum aestivum*) variety 'Intrigue' with comparator 'Coolah'

Details of Application

Application Number	2023/200
Variety Name	'Murray Bold'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape vine
Accepted Date	16-Oct-2023
Applicant	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT.
Qualified Person	Peter Clingeffer

Details of Comparative Trial

Location	CSIRO Irymple Farm, 447 Dow Avenue, Irymple. Victoria 3498
Descriptor	TG 50/09
Period	2016-2023
Conditions	Murray Bold was compared with other common knowledge, white, seedless, mid-season drying varieties (Sultana, Merbein Seedless, Selma Pete and DoVine) which produce a dried sultana like product. The early ripening common knowledge drying varieties, Fiesta and Sugra 39 were not considered. Similarly, the very late maturing variety Sunglo was not considered. The vines were propagated from dormant cuttings which were collected during winter 2016 and rooted in sand before establishment in standard potting mix in 4.5 L pots in spring 2016. They were maintained in the shade house at the CSIRO Irymple farm site. The vines have been maintained by pruning back to a 2-bud spur when dormant in winter.
Trial Design	The trial included 15 single pot replicate vines of the candidate (Murray Bold) and the comparator varieties established in a fully randomized block design across several benches in the shade house.
Measurements	Leaf measurements were recorded in December 2017 for vines in the pot trial. The first fully expanded leaf from the shoot tip was selected for this purpose. Measurements included leaf lamina length (L1) recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the distal lobes (L2, R2) and the proximal lobes (L3, R3). Petiole length (P1) and the width of the petiole sinus opening were also recorded. The measurements were used to calculate a number of ratios and analysed using Systat 13.2. Pairwise comparisons were used to identify significant differences between means based on Fisher's Least-Significant-Difference. Field data for the candidate and comparators to establish distinctness was collected in season 2022-23.

RHS Chart - edition

n/a

Origin and Breeding

Controlled pollination: The seedless, *Vitis vinifera* variety Murray Bold was derived from a controlled cross, conducted in 1999, at the former CSIRO Merbein site between Red Globe and MR 90-30-13. MR 90-30-13 is an unnamed CSIRO red, seedless selection developed from a cross between Kishmishi (a red, seeded female variety) and Fiesta which was made in 1990. The seedless trait is derived from Fiesta, a complex *V. vinifera* that has seedless Sultana in its background. Seedlings from the cross were planted in the CSIRO Merbein vineyard in spring 2001. The original MH 99-10-13 seedling vine was transplanted to the CSIRO Irymple farm site in NW Victoria in 2010, prior to closure of the Merbein site. MH 99-10-13 was identified in 2015 as a rain tolerant, high yielding seedless 'Sultana type' suited to dried fruit production when assessed by in-situ trellis drying, following significant rainfall events prior to harvest. In 2016, it was established in 3 vine multiplied plots as own roots or grafted on Ramsey rootstock at the CSIRO Irymple site. In that year a 60 vine semi-commercial site grafted on Ramsey or 1103 Paulsen rootstock was established. All vines are managed on swing-arm trellis for dried grape production by trellis drying. Assessment of Murray Bold by trellis drying since 2020 has confirmed its high productivity and rain tolerance compared to Sultana and its early maturity (2-3 weeks) compared to the commercial rain tolerant varieties, Sunmuscat and Sunglo. No off types have been noted in any of the plantings. Breeder: Mr. Peter Clingeffer, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain, ACT.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	maturity	mid-season
Berry	seediness	seedless
Berry	colour	white
Berry	size	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sultana'	Historically, the most common white variety used for dried grape production in Australia. 'Sultana' is sensitive to rain and an irregular bearer
'Selma Pete'	A USDA drying variety grown on a limited scale in Australia.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part			
'Merbein Seedless'	Young shoot prostrate tip hairs	absent	dense	
	young shoot erect tip shoot hairs	absent	dense	A CSIRO variety not widely grown in Australia but has

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part				
'DoVine'	tendrils	length	long	short	high adoption in South Africa. Not grown in Australia as it is very sensitive to rain damage
	mature leaf	teeth length	short	long	

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

Organ/Plant Part: Context	'Murray Bold'	'Selma Pete'	'Sultana'
<input type="checkbox"/> *Time of: bud burst	early	early	early
<input checked="" type="checkbox"/> *Young shoot: openness of tip	half open	closed	wide open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	absent or very sparse	absent or very sparse	sparse to medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	sparse
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	light copper red	dark copper red	green with anthocyanin spots
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	medium	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	drooping	drooping	semi-erect
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green	green and red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green	green and red
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green	green
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Shoot: length of tendrils	long to very long	short	medium
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium

Organ/Plant Part: Context	'Murray Bold'	'Selma Pete'	'Sultana'
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium	medium to large
<input type="checkbox"/> *Mature leaf: shape of blade	wedge-shaped	wedge-shaped	circular
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	medium	medium	weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	deep to very deep	medium to deep	shallow to medium
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	open
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	wide open	closed
<input checked="" type="checkbox"/> *Mature leaf: length of teeth	short	medium	medium to long
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	very small	small to medium
<input type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	medium	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	much shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	medium	medium	medium
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium	large	large
<input type="checkbox"/> *Bunch: density	dense	dense	medium
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	medium	long	short
<input type="checkbox"/> *Berry: size	medium	medium	medium
<input type="checkbox"/> *Berry: shape	globose	broad ellipsoid	broad ellipsoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	yellow green	yellow green	yellow green
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	none

Organ/Plant Part: Context	'Murray Bold'	'Selma Pete'	'Sultana'
<input type="checkbox"/> Woody shoot: main colour	reddish brown	dark brown	yellowish brown

Statistical Table

Organ/Plant Part: Context	'Murray Bold'	'Selma Pete'	'Sultana'
<input type="checkbox"/> Petiole: length (cm)			
Mean	6.23	4.47	5.94
Std. Deviation	1.32	0.99	1.08
Lsd/sig	0.75	P≤0.01	ns
<input checked="" type="checkbox"/> Mature leaf: petiole sinus width (cm)			
Mean	1.81	4.60	1.47
Std. Deviation	1.12	1.25	1.14
Lsd/sig	0.875	P≤0.01	ns
<input checked="" type="checkbox"/> Mature leaf: ratio length N1/petiole P1 (ratio)			
Mean	1.42	2.12	1.54
Std. Deviation	0.21	0.32	0.20
Lsd/sig	0.178	P≤0.01	ns
<input checked="" type="checkbox"/> Mature leaf: upper sinus depth R1(mm)			
Mean	24.00	11.93	5.20
Std. Deviation	7.31	9.28	2.01
Lsd/sig	3.91	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: upper sinus depth L1(mm)			
Mean	23.10	13.08	8.13
Std. Deviation	5.74	8.91	3.81
Lsd/sig	3.73	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

Description: Peter Clingeleffer, Glen Osmond, SA.

**Murray Bold****Selma Pete****Sultana**

Grape vine (*Vitis vinifera*) 'Murray Bold'

Details of Application

Application Number	2023/202
Variety Name	'JUMBUCK'
Genus Species	<i>Cucurbita moschata</i>
Common Name	Pumpkin
Accepted Date	05-Oct-2023
Applicant	Enza Zaden Beheer B.V., Enkhuizen, The Netherlands
Agent	Spruson & Ferguson, Sydney
Qualified Person	Stephen Kammholz

Details of Comparative Trial

Location	343 Old Clare Road, Ayr, Queensland. Australia.
Descriptor	TG/234/1
Period	July - November 2025
Conditions	The trial was grown in the open field. Minimal rain fell during the growing cycle of the crop. The trial was inspected by independent local agronomists weekly, then grown to commercial standards. Seedlings were transplanted into beds covered with plastic mulch. Each bed was watered with trickle tape. Bees were introduced to the field at flowering to enhance fruit set.
Trial Design	A randomised complete block design was used. The candidate was included twice (which represented two separate years of seed production) along with four VCK's selected after screening through several grouping characters. Two replications with 11 plants per replication were transplanted.
Measurements	As per the UPOV guidelines.
RHS Chart edition	-Not used.

Origin and Breeding

Controlled pollination: The maternal parent (PP.1009) represents a conventionally bred inbred line known to have good combining abilities. The pollinator (PP.2125) was developed through a virus resistance breeding initiative commenced in 2004. The hybrid that became "Jumbuck" was first observed in a hybrid screening trial at the ENZA Zaden Research Station near Narromine NSW in the summer of 2012/13. As a trial highlight, the hybrid was then included in the 2013 hybrid screening trial at the ENZA Zaden Research Station near Chateaufort France. Once again it was a trial highlight. The hybrid again performed well in screening trials at the ENZA Zaden Research Station near Narromine NSW in the summer of 2013/14. From this trial result the hybrid was advanced by the breeders and designated E30A.00125. Follow up seed was produced by ENZA Zaden Seed Operations B.V. and placed in field trials worldwide. The breeders are Pauline Kerbiriou, Dr Stephen Kammholz and Elise Felix who developed the variety while under an employment contract with the applicant ENZA Zaden Beheer B.V. 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
Fruit	shape in longitudinal section	transverse broad elliptic
Fruit	warts	absent

Plant	length of the main stem	long
Fruit	main skin colour	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ringer'	Early maturity Kent hybrid. Same mother as candidate.
'Coventry'	Late maturity Kent hybrid.
'Jackaroo'	Large Kent hybrid. Mid maturity.
'Cheetah'	Kent hybrid with a small seed cavity.

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
'Kens Special 864'	fruit shape longitudinal section	intransverse broad elliptic	transverse medium elliptic	

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

Organ/Plant Part: Context	'JUMBUCK'	'Cheetah'	'Coventry'	'Jackaroo'	'Ringer'
<input type="checkbox"/> Plant: length of main stem	medium	long	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: size	large	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: margin	entire or very weakly incised	entire or very weakly incised	entire or very weakly incised	weakly incised	entire or very weakly incised
<input type="checkbox"/> Leaf blade: intensity of green color of upper side	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: silver patches	present	present	present	present	present
<input checked="" type="checkbox"/> Petiole: length	long	short	medium	medium	medium
<input checked="" type="checkbox"/> Petiole: diameter	large	medium	medium	medium	medium
<input type="checkbox"/> Female flower: length of sepal	medium	medium	medium	medium	medium
<input type="checkbox"/> Male flower: length of sepal	medium	medium	medium	medium	medium
<input type="checkbox"/> Peduncle: length	medium	medium	medium	medium	medium
<input type="checkbox"/> Peduncle: diameter	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: intensity of green color of skin	dark	dark	medium	dark	dark
<input type="checkbox"/> Fruit: length	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: diameter	large	large	large	large	medium
<input type="checkbox"/> Fruit: ratio length/diameter	very small	very small	very small	medium	very small
<input type="checkbox"/> Fruit: position of broadest part	at middle	at middle	at middle	at middle	at middle

<input type="checkbox"/> Fruit: shape in longitudinal section	transverse broad elliptic	transverse broad elliptic	transverse broad elliptic	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Fruit: presence of neck	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: length of neck	short	short	short	short	short
<input type="checkbox"/> Fruit: curving (longitudinal axis)	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: profile at stem end	slightly depressed	slightly depressed	slightly depressed	moderately depressed	slightly depressed
<input checked="" type="checkbox"/> Fruit: profile at blossom end	flat	depressed	flat	depressed	flat
<input type="checkbox"/> Fruit: grooves	present	present	present	present	present
<input checked="" type="checkbox"/> Fruit: distance between grooves	large	medium	medium	small	medium
<input checked="" type="checkbox"/> Fruit: depth of grooves	medium	shallow	shallow	medium	shallow
<input type="checkbox"/> Fruit: main color of skin	green	green	green	green	green
<input type="checkbox"/> Fruit: intensity of main color of skin	dark	dark	medium	dark	dark
<input type="checkbox"/> Fruit: waxiness of skin	present	present	present	present	present
<input type="checkbox"/> Fruit: warts	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: main color of flesh	orange	orange	orange	orange	orange
<input checked="" type="checkbox"/> Fruit: thickness of flesh (at level of seed cavity)	thick	medium	medium	medium	thin
<input type="checkbox"/> Fruit: diameter of flower scar	small	small	small	small	small
<input checked="" type="checkbox"/> Seed: length	long	short	short	medium	medium
<input type="checkbox"/> Seed: ratio width/length	medium	large	medium	medium	medium
<input type="checkbox"/> Seed: color of coat	cream	cream	cream	cream	cream

Statistical Table

Organ/Plant Part: Context	'JUMBUCK'	'Cheetah'	'Coventry'	'Jackaroo'	'Ringer'
<input checked="" type="checkbox"/> Petiole: Length (mm)					
Mean	338.00	163.00	189.00	199.00	249.00
Std. Deviation	88.10	41.20	85.40	47.60	71.00
Lsd/sig	66.546	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Petiole: Diameter (mm)					
Mean	13.40	10.40	9.22	11.20	10.60
Std. Deviation	1.02	0.91	1.51	0.75	1.13
Lsd/sig	0.945	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: Size (mm)					
Mean	266.00	204.00	178.00	218.00	214.00

Std. Deviation	24.70	22.40	33.10	19.60	19.80
Lsd/sig	22.148	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Internode: Length (mm)

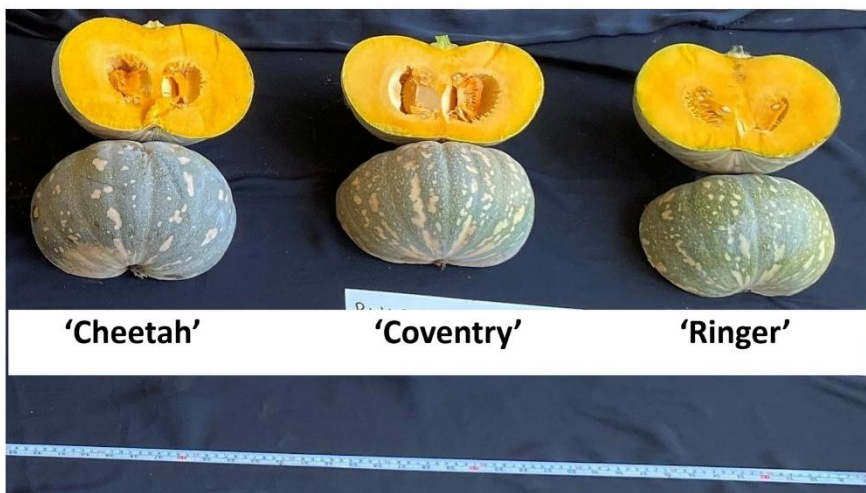
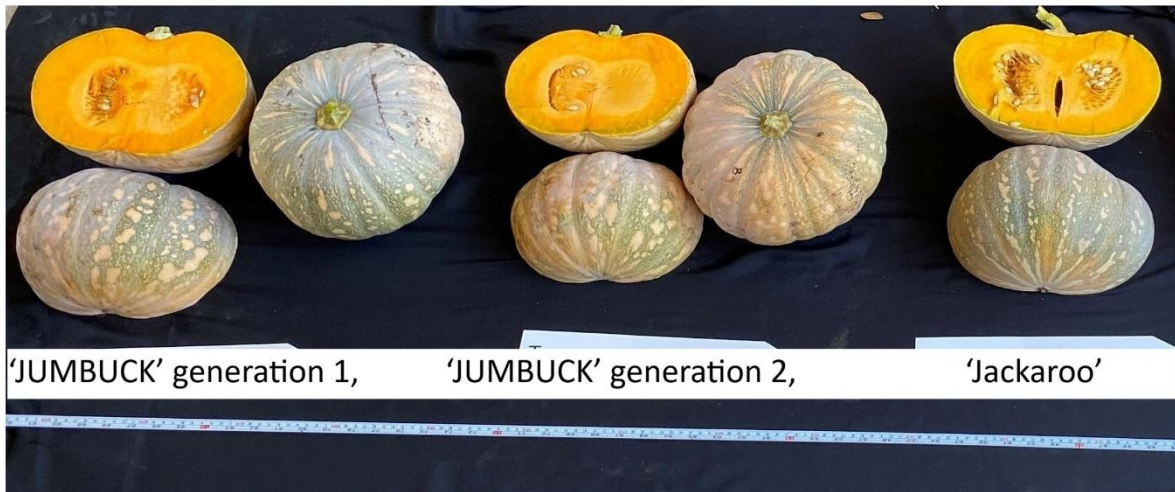
Mean	158.00	126.00	153.00	129.00	160.00
Std. Deviation	19.70	16.30	28.30	24.20	29.50
Lsd/sig	20.941	P≤0.01	ns	P≤0.01	ns

Prior Applications and Sales:

No prior applications.

First sold as 'Jumbuck' on 11th Jan 2023 in Australia

Description: Stephen Kammholz, Melbourne, Victoria



Cucurbita moschata (pumpkin) variety 'JUMBUCK' (generation 1), 'JUMBUCK' (generation 2), with comparators 'Jackaroo', 'Cheetah', 'Coventry' and 'Ringer'

Details of Application

Application Number	2023/235
Variety Name	'PS-10.1160'
Genus Species	<i>Fragaria x ananassa</i>
Common Name	Strawberry
Accepted Date	01-Feb-2024
Applicant	Plant Sciences, Inc. Watsonville, USA.
Agent	Red Jewel Berry Plants Pty Ltd, Armidale, NSW.
Qualified Person	Elise Pike

Details of Comparative Trial

Overseas Testing Authority	Direção-Geral de Alimentação e Veterinária Nece - Escarpim (DGAV - DVS)
Overseas Data Reference Number	CPVO Reference Number 20220100943; File number 2019/3521
Location	Lisbon, PORTUGAL
Descriptor	Strawberry (<i>Fragaria x ananassa</i>)
Period	2021 - 2022
Conditions	as per UPOV Test guidelines
Trial Design	as per UPOV Test guidelines
Measurements	as per UPOV Test guidelines
RHS Chart - edition	as per UPOV Test guidelines

Origin and Breeding

Controlled pollination:'PS-10.1160' is a new variety that is the result of a controlled cross made in 2010 in an ongoing breeding program in Monterey County, California, USA. The seedling was the result of a cross between strawberry varieties 'PS-3.130 and 'PS-4.152'and selected from a controlled breeding plot in the Summer of 2012. After its selection, the new variety was asexually propagated by stolons in Siskiyou and San Joaquin Counties, California. The new variety was also tested extensively over the next several years in fruiting fields in Monterey County, California for fruit production along with plant, fruit quality and disease traits. This asexual propagation along with the fruiting field testing has demonstrated that the combination of traits disclosed herein as characterizing the new variety are fixed and remain true-to-type through successive generations of asexual reproduction. Breeders: Steven D Nelson and Michael D Nelson, Watsonville, California, USA and Stephen M Ackerman, Salinas, 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	colour	medium red
Plant	growth habit	upright
Flower	colour of upperside	white
Fruit	size	medium
Fruit	shape	conical
Plant	type of bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PS-9271'	
'PS-2880'	
'PS-5298'	

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

Organ/Plant Part: Context	'PS-10.1160'	'PS-2880'	'PS-5298'	'PS-9271'
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright	upright
<input checked="" type="checkbox"/> Plant: density of foliage	dense			medium
<input type="checkbox"/> Plant: vigour	strong			
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	same level			above
<input checked="" type="checkbox"/> *Plant: number of stolons	medium to many	few		few
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	very weak to weak	strong		
<input type="checkbox"/> Stolon: density of pubescence	medium			
<input type="checkbox"/> Leaf: size	medium			
<input type="checkbox"/> Leaf: colour of upper side	dark green			
<input checked="" type="checkbox"/> *Leaf: blistering	medium	strong	absent or weak	
<input type="checkbox"/> *Leaf: glossiness	medium			
<input type="checkbox"/> Leaf: variegation	absent			
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer			
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	obtuse		acute	rounded
<input type="checkbox"/> Terminal leaflet: margin	serrate to crenate	serrate	serrate	serrate to crenate
<input type="checkbox"/> Terminal leaflet: shape in cross section	concave		straight	
<input type="checkbox"/> Petiole: length	short			
<input type="checkbox"/> Petiole: attitude of hairs	slightly outwards			slightly outwards
<input checked="" type="checkbox"/> Stipule: anthocyanin colouration	medium to strong		absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Inflorescence: number of flowers	few		many	

<input type="checkbox"/> Pedicel: attitude of hairs	upwards		slightly outwards	slightly outwards
<input type="checkbox"/> Flower: diameter	very large			
<input type="checkbox"/> *Flower: arrangement of petals	overlapping			
<input type="checkbox"/> *Flower: size of calyx in relation to corolla	larger			
<input type="checkbox"/> *Flower: stamen	present			
<input type="checkbox"/> Petal: length in relation to width	equal			
<input type="checkbox"/> *Petal: colour of upper side	white	white	white	white
<input type="checkbox"/> *Fruit: length in relation to width	equal	moderately shorter		
<input type="checkbox"/> *Fruit: size	medium	medium	very large	medium
<input type="checkbox"/> *Fruit: shape	conical	wedged	ovoid	conical
<input type="checkbox"/> Fruit: difference in shape of terminal and other fruits	none or very slight			
<input type="checkbox"/> *Fruit: colour	medium red	medium red	medium red	medium red
<input type="checkbox"/> Fruit: evenness of colour	even or very slightly uneven			
<input type="checkbox"/> Fruit: glossiness	strong			
<input type="checkbox"/> Fruit: evenness of surface	even or very slightly uneven			
<input type="checkbox"/> Fruit: width of band without achenes	very narrow to narrow	absent or very narrow	narrow	absent or very narrow
<input type="checkbox"/> *Fruit: position of achenes	level with surface			
<input type="checkbox"/> Fruit: position of calyx attachment	level with fruit			
<input type="checkbox"/> Fruit: attitude of sepals	upwards	outwards	downwards	
<input type="checkbox"/> Fruit: diameter of calyx in relation to diameter of fruit	same size			
<input type="checkbox"/> Fruit: adherence of calyx	medium			
<input type="checkbox"/> Fruit: firmness	medium			
<input checked="" type="checkbox"/> Fruit: colour of flesh (excluding core)	medium red	orange red	orange red	
<input type="checkbox"/> Fruit: colour of core	medium red			
<input checked="" type="checkbox"/> Fruit: cavity	absent or small large		large	
<input checked="" type="checkbox"/> *Time of: beginning of flowering	medium	early	early	

<input checked="" type="checkbox"/> Time of: beginning of fruit ripening	medium		very early to early	
<input type="checkbox"/> *Type of: bearing	partially remontant	day neutral	partially remontant	partially remontant

Prior Applications and Sales

<u>Country</u>	<u>Year</u>	<u>Status</u>	<u>Name Applied</u>
<u>USA</u>	<u>2019</u>	<u>Registered</u>	'PS-10.1160'
<u>EU</u>	<u>2019</u>	<u>Registered</u>	'PS-10.1160'
<u>NZ</u>	<u>2023</u>	<u>Filed</u>	'PS-10.1160'

First sold in USA in November 2019.

Description: Elise Pike, Wamuran, Qld 4512.



Strawberry (*Fragaria x ananassa*) variety 'PS-10.1160'

Details of Application

Application Number	2024/013
Variety Name	'Up and Away'
Genus Species	<i>Syzygium australe</i>
Common Name	Lilypilly
Accepted Date	30-Jan-2024
Applicant	Liam Barfoot, Boneo, VIC, Australia
Agent	Plants Management Australia Pty. Ltd. Dodges Ferry, TAS, Australia
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Peninsula Growers, Boneo VIC
Descriptor	PBR LILL
Period	March 2024 - October 2025
Conditions	Trial conducted in the open, plants propagated as cuttings March 2024, and transferred to 140mm pots filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.
Trial Design	Twelve pots of each variety in a completely randomised design.
Measurements	Taken from ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Open pollination: The original seedling was identified on January 2019 due to upright habit and red new growth. This plant was further grown for 9 months to monitor and confirm these characteristics. Cuttings were also taken from the original plant to evaluate. These plants were grown for a further 12 months to ensure the traits were stable. The final selection was made on the basis of growth habit strongly upright and young leaf colour red on the 4th May, 2021. All subsequent generations have proved to be uniform and stable. Breeder: Liam Barfoot, Boneo, 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
Leaf	shape of blade	Lanceolate
Leaf	shape of apex	accuminate
Leaf	variegation	absent
young stem	presence of anthocyanin colouration	present
Plant	growth habit	upright to strongly upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Winterlights'	
'Hinterland Gold'	

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
----------------	--------------------------------------	---	--	-----------------

'Straight and Narrow' Leaf shape of blade lanceolate oblong

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

Organ/Plant Part: Context	'Up and Away'	'Hinterland Gold'	'Winterlights'
<input type="checkbox"/> Plant: growth habit	upright to strongly upright	upright to strongly upright	upright
<input checked="" type="checkbox"/> Plant: height	tall	medium	medium
<input checked="" type="checkbox"/> Plant: branch density	dense	sparse to medium	medium
<input checked="" type="checkbox"/> Stem: branch angle	upright to very acute	upright	acute
<input type="checkbox"/> Leaf: blade length	medium	short to medium	short to medium
<input type="checkbox"/> Leaf: blade width	narrow to medium	medium	medium
<input type="checkbox"/> Leaf: shape of blade	lanceolate	lanceolate	Lanceolate
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	acute	acute	acute
<input type="checkbox"/> Leaf: glossiness	medium to weak	weak	medium
<input type="checkbox"/> Leaf: variegation	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Up and Away'	'Hinterland Gold'	'Winterlights'
<input type="checkbox"/> Young stem: presence of anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young stem: degree of anthocyanin colouration	medium	medium to weak	strong
<input type="checkbox"/> Young stem: colour group of anthocyanin colouration	red	orange	red
<input type="checkbox"/> Leaf: green colour of mature leaf	dark green	medium green	dark green
<input type="checkbox"/> Young leaf: degree of anthocyanin colouration	medium	medium to weak	strong medium
<input type="checkbox"/> Young leaf: colour group of anthocyanin colouration	orange	orange	red
<input checked="" type="checkbox"/> Young leaf: colour of anthocyanin colouration (RHS chart)	Ca 172a	Ca 171a	N34a
<input checked="" type="checkbox"/> Young leaf: secondary colour on leaf margin	absent	present	absent

Prior Sales:

First sold in Australia in January 2023.

Description: Jordan Smark, Wonga Park, VIC 3115



Lillypilly (*Syzygium australe*) variety 'Up and Away' with comparators 'Winterlights' and 'Hinterland Gold'

Details of Application

Application Number	2024/085
Variety Name	'ENCATCHER'
Genus Species	<i>Solanum lycopersicum</i> × <i>S. habrochaites</i>
Common Name	Tomato
Accepted Date	10-May-2024
Applicant	Nunhems B.V., Nunhem, The Netherlands.
Agent	Spruson & Ferguson, Sydney, NSW.
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, NL
Overseas Data Reference Number	TMR65
Location	Naktuinbouw, ROELOFARENDVSVEEN, NL
Descriptor	TP/294/1 Rev. 3 d.d. 01-01-2018
Period	2020 - 2021
Trial Design	In accordance with TP/294/1 Rev. 3 d.d. 01-01-2018
Measurements	In accordance with TP/294/1 Rev. 3 d.d. 01-01-2018
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Selection of lines for several cycles for good germination, Vigor and seed yield. The parental lines are selfed to homozygosity. When lines were fixed, they were crossed to obtain the hybrid. As the parental lines are fixed, each time they are crossed, the present hybrid is obtained. The hybrid was evaluated grafting several Tomato varieties. Breeder: Daniel Puglisi, Nunhems B.V., Nunhem, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Resistance to <i>Meloidogyne incognita</i> (Mi)		highly resistant
Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 1 (ex 2)		present
Fruit	green shoulder	present
Fruit	shape in longitudinal section	circular
Fruit	colour at maturity	yellowish
Autonecrosis		absent
Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 0 (ex 1)		present
Resistance to <i>Pyrenochaeta lycopersici</i> (PI)		present
Resistance to <i>Verticillium</i> sp. (Va and Vd) race 0		present
Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 2 (ex 3)		present

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Enholder'

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

Organ/Plant Part: Context	'ENCATCHER'	'Enholder'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl	present	
<input type="checkbox"/> Plant: height	medium	
<input type="checkbox"/> Stem: anthocyanin colouration of upper third	strong	
<input type="checkbox"/> Stem: length of internode	medium to long	
<input checked="" type="checkbox"/> Leaf: length	short to medium	long
<input type="checkbox"/> Leaf: width	medium	
<input checked="" type="checkbox"/> Leaf: size of leaflets	medium	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium	
<input type="checkbox"/> Leaf: glossiness	medium	
<input type="checkbox"/> Leaf: blistering	strong	
<input type="checkbox"/> Fruit: green shoulder	present	
<input type="checkbox"/> Fruit: extent of green shoulder	very small to small	
<input type="checkbox"/> Fruit: intensity of green colour of shoulder	medium	
<input type="checkbox"/> Fruit: conspicuousness of meridian stripes	weak	
<input type="checkbox"/> Pedicel: length	short to medium	
<input checked="" type="checkbox"/> Fruit: size	large	medium
<input type="checkbox"/> Fruit: shape in longitudinal section	circular	
<input type="checkbox"/> Fruit: number of locules	only two	
<input type="checkbox"/> Fruit: colour at maturity	yellowish	
<input type="checkbox"/> Plant: time of flowering	medium	
<input type="checkbox"/> Cells: autonecrosis	absent	
<input type="checkbox"/> Resistance to: <i>Meloidogyne incognita</i> (Mi)	highly resistant	
<input type="checkbox"/> Resistance to: <i>Verticillium</i> sp. (Va and Vd)	present	
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 0 (ex 1)	present	
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 1 (ex 2)	present	
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 2 (ex 3)	present	
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i>	present	
<input type="checkbox"/> *Resistance to: <i>Fulvia fulva</i> (Ff) (ex	present	

Organ/Plant Part: Context	'ENCATCHER'	'Enholder'
Cladosporium fulvum) Group A		
<input type="checkbox"/> *Resistance to: Fulvia fulva (Ff) (ex	present	
Cladosporium fulvum) Group B		
<input type="checkbox"/> *Resistance to: Fulvia fulva (Ff) (ex	present	
Cladosporium fulvum) Group C		
<input type="checkbox"/> *Resistance to: Fulvia fulva (Ff) (ex	present	
Cladosporium fulvum) Group D		
<input type="checkbox"/> *Resistance to: Fulvia fulva (Ff) (ex	present	
Cladosporium fulvum) Group E		
<input type="checkbox"/> *Resistance to: Tomato mosaic virus (ToMV), Strain 0	present	
<input type="checkbox"/> *Resistance to: Tomato mosaic virus (ToMV), Strain 1	present	
<input type="checkbox"/> *Resistance to: Tomato mosaic virus (ToMV), Strain 2	present	
<input type="checkbox"/> Resistance to: Pyrenochaeta lycopersici (Pi)	present	
<input type="checkbox"/> Resistance to: Tomato yellow leaf curl virus (TYLCV)	absent	
<input type="checkbox"/> Resistance to: Tomato spotted wilt virus (TSWV), race 0	present	
<input type="checkbox"/> Resistance to: Oidium neolycopersici (On)	absent	

Prior Applications and Sales

Country	Year	Status	Name Applied
NL	2019	Granted	'ENCATCHER'
MX	2020	Granted	'ENCATCHER'
EU	2020	Granted	'ENCATCHER'
BR	2020	Granted	'ENCATCHER'
MA	2021	Granted	'ENCATCHER'

First sold in Spain in June 2020.

Description: Michael Christie, Spruson & Ferguson, Sydney, NSW.



Tomato (*Solanum lycopersicum* L. x *S. habrochaites*) variety 'ENCATCHER'

Details of Application

Application Number	2024/100
Variety Name	'Brighton'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	19-Jun-2024
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June 2025 and 80 kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th of August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th of August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates: the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: a cross was made between V08179-42 and Beckom resulting in a population coded V14051. At F4 a selection was taken and evaluated until 2024 for grain yield, grain quality,

disease resistance and maturity across AGT's (Australian Grain Technologies) sites in New South Wales, Queensland, Victoria, South Australia, Western Australia. It entered the National Variety Testing program in 2022. It received a grain quality classification from Grains Australia in 2023. Seed purification began in 2021, and this seed was used as the source for commercial seed production. Breeders: Dr Britt Kalmeier, Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	White
Flag leaf	Anthocyanin colouration of auricles	Absent or weak
Ear	Scurs or awns	Awns present
Ear	Colour	White
Seasonal	Type	Winter

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Illabo'	Matches all grouping characteristics
'EGA Wedgetail'	Matches all grouping characteristics
'LRPB Mowhawk'	Matches all 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
'Beckom'	Seasonal type	Winter type	Spring type	
'LRPB Kittyhawk'	Plant: length	Short	Medium	
'Anapurna'	Seed: colour	White	Reddish	
'LRPB Major'	Seasonal type	Winter type	Spring type	

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

Organ/Plant Part: Context	'Brighton'	'EGA Wedgetail'	'Illabo'	'LRPB Mowhawk'
<input type="checkbox"/> Seed: colour	white	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	semi erect	intermediate	semi prostrate	intermediate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium to high	medium to high	low to medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium to strong	strong	medium to strong	strong
<input type="checkbox"/> Flag Leaf: glaucosity of blade	medium	medium	medium	medium to strong
<input checked="" type="checkbox"/> Ear: glaucosity	medium	strong	medium	weak to medium

<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium	medium to strong
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> Plant: length	short	short to medium	short	short
<input checked="" type="checkbox"/> Straw: pith in cross section	thin	medium	thin	thin
<input checked="" type="checkbox"/> Ear: density	medium	lax to medium	very lax to lax	dense
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	medium	medium	medium to long
<input type="checkbox"/> Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided	tapering	parallel sided
<input type="checkbox"/> 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
<input checked="" type="checkbox"/> Lower glume: shoulder width	absent or very narrow	narrow	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	slightly sloping	slightly sloping	slightly sloping to horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	medium	medium	medium	long
<input type="checkbox"/> Lower glume: shape of beak	straight	straight	straight	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	winter type	winter type	winter type	winter type

Statistical Table

Organ/Plant Part: Context	'Brighton'	'EGA Wedgetail'	'Illabo'	'LRPB Mowhawk'
<input checked="" type="checkbox"/> Time of: Ear emergence (Julian days)				
Mean	281.00	283.33	283.33	278.33
Std. Deviation	0.00	0.58	0.58	4.62
Lsd/sig	2.12	p≤0.01	p≤0.01	p≤0.01
<input checked="" type="checkbox"/> Ear: Length (mm)				
Mean	89.60	96.05	102.60	81.15
Std. Deviation	1.27	3.75	1.13	4.31
Lsd/sig	5.15	p≤0.01	p≤0.01	p≤0.01

Prior Applications and Sales: Nil**Description:** Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) 'Brighton' with comparators 'Illabo', 'EGA Wedgetail' and 'LRPB Mowhawk'

Details of Application

Application Number	2024/102
Variety Name	'Ironbark'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	06-Jun-2024
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: a cross was made between 'V05133-05' and 'Beckom' resulting in a population coded V14035. At F4, a selection was taken and evaluated until 2024 for grain yield, grain quality, disease reaction and maturity across AGT's sites in Queensland, New South Wales, Victoria, South Australia and Western Australia. It entered the National Variety Testing program in 2023. It received a grain quality classification from Grains Australia in 2023. Seed purification began in 2020, and this seed was used as the source for commercial seed production. Breeders: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	white
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	tapering
Seasonal	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Beckom'	Matches all grouping characteristics
'Sunmaster'	Matches all grouping characteristics
'LRPB Hellfire'	Matches all 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
'Scepter'	Plant resistance to stripe rust	moderately resistant	susceptible	
'Coolah'	Time of ear emergence	medium	late	

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

Organ/Plant Part: Context	'Ironbark'	'Beckom'	'LRPB Hellfire'	'Sunmaster'
<input type="checkbox"/> Seed: colour	white	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	erect to semi erect	erect to semi erect	intermediate	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	medium	medium	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium to strong	medium	medium	medium to strong
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	medium	medium	weak	weak to medium

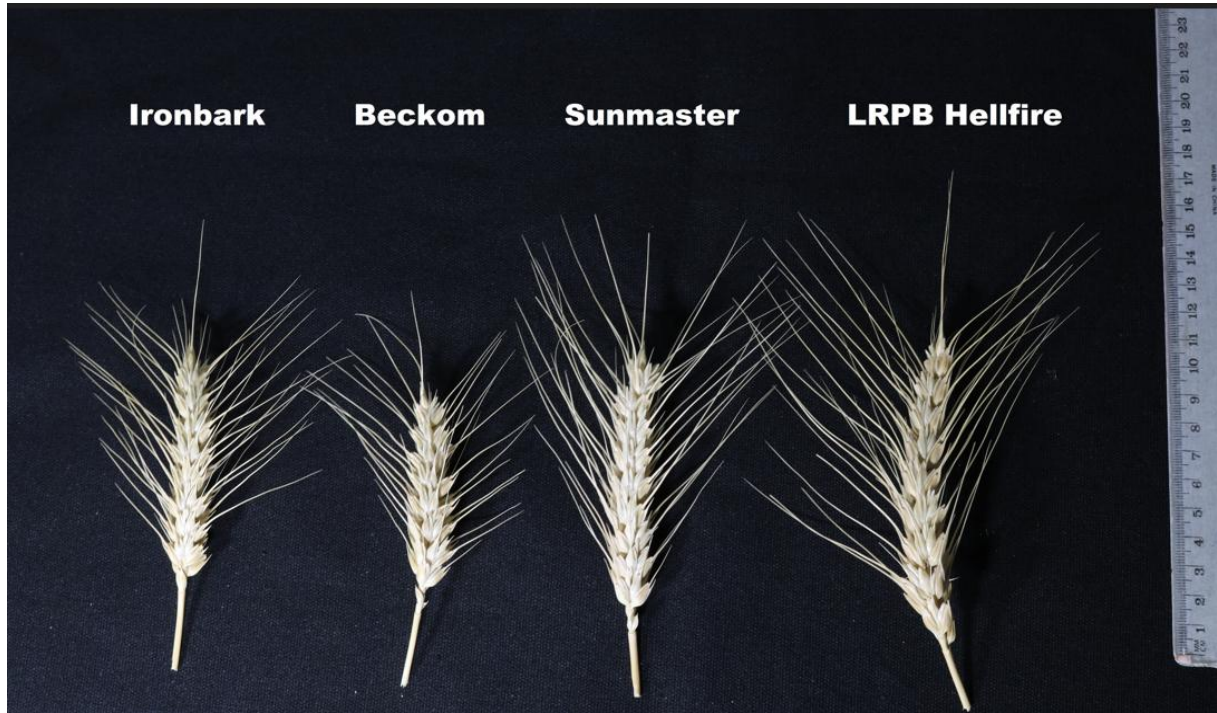
<input checked="" type="checkbox"/> Ear: glaucosity	medium	medium	medium to strong	weak
<input type="checkbox"/> Culm: glaucosity of neck	medium to strong	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin
<input checked="" type="checkbox"/> Ear: density	medium to dense	medium to dense	very lax to lax	lax
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	short to medium	short to medium	medium	medium
<input type="checkbox"/> Ear: colour	white	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small to small	small to medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	absent or very narrow	absent or very narrow to narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly sloping	slightly sloping to horizontal	horizontal to slightly elevated
<input checked="" type="checkbox"/> Lower glume: length of beak	medium to long	medium	long to very long	medium to long
<input checked="" type="checkbox"/> Lower glume: shape of beak	slightly curved	straight	slightly curved	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Ironbark'	'Beckom'	'LRPB Hellfire'	'Sunmaster'
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	88.40	85.15	103.05	99.95
Std. Deviation	3.39	2.33	5.73	1.63
Lsd/sig	5.15	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Time of: ear emergence (julian days)				
Mean	271.33 j	272.00	269.67	274.00
Std. Deviation	0.58	1.00	0.58	0.00
Lsd/sig	2.12	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	87.55	86.70	96.25	98.00
Std. Deviation	0.07	1.56	3.46	1.41
Lsd/sig	4.58	ns	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

Description: Andrew Cecil, Roseworthy, SA, 5371



Wheat (*Triticum aestivum*) variety 'Ironbark' with comparators
'Beckom', 'Sunmaster' and 'LRPB Hellfire'

Details of Application

Application Number	2024/103
Variety Name	'Avoca'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	19-Jun-2024
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyninex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: a cross was made between 'V07173-41' and 'Beckom' resulting in the population coded V14049. At F4 a selection was taken and renamed L14049, and evaluated until 2024 for grain yield, grain quality, disease reaction and maturity across AGT's sites in Queensland, New South Wales, Victoria, South Australia and Western Australia. It entered the National Variety Testing program in 2023. It received a grain quality classification from Grains Australia in 2023. Seed purification began in 2021 and this seed was used as the source for commercial seed production. Breeders: Dr Britt Kalmeier and Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	white
Flag leaf	anthocyanin colouration of auricles	absent or weak
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Seasonal	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cutlass'	Matches all grouping characteristics
'Willaura'	Matches all 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
'Stockade'	Plant	length	long	short	
'Beckom'	Plant	length	long	short	
'Illabo'	Seasonal	type	spring type	winter type	
'Rockstar'	Plant	length	long	short	
'LRPB Trojan'	Time of	ear emergence	late	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	'Avoca'	'Cutlass'	'Willaura'
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> Plant: growth habit	erect to semi erect	semi erect	semi erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	medium	absent or very low to low
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	medium to strong	strong
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	medium to strong	weak to medium	medium to strong

<input checked="" type="checkbox"/> Ear: glaucosity	weak	medium	medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> Ear: density	medium	lax to medium	medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	medium to long	medium to long
<input type="checkbox"/> Ear: colour	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	small to medium	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	absent or very narrow to narrow	absent or very narrow to narrow	narrow to medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	slightly sloping to horizontal	slightly sloping to horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	long to very long	medium to long	medium to long
<input type="checkbox"/> Lower glume: shape of beak	straight to slightly curved	slightly curved	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Avoca'	'Cutlass'	'Willaura'
<input checked="" type="checkbox"/> Time of: ear emergence (julian days)			
Mean	282.33	273.00	283.00
Std. Deviation	0.58	0.00	1.00
Lsd/sig	2.12	P≤0.01	ns
<input type="checkbox"/> Ear: length (mm)			
Mean	98.45	94.95	100.75
Std. Deviation	0.21	6.01	3.32
Lsd/sig	5.15	ns	ns
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	94.80	100.30	93.40
Std. Deviation	1.84	0.71	1.27
Lsd/sig	4.58	P≤0.01	ns

Prior Applications and Sales: Nil**Description: Andrew Cecil, Roseworthy, SA, 5371**



Wheat (*Triticum aestivum*) variety 'Avoca' with comparators 'Cutlass' and 'Willaura'

Details of Application

Application Number	2024/104
Variety Name	'Rottnest'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	06-Jun-2024
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled Pollination: ‘WAGT371’ was back-crossed with ‘WAGT603’ at AGT glasshouse, Roseworthy (SA) during 2014 that resulted a population coded W1117. The seeds were multiplied in a short row planted over summer at Roseworthy (SA) during 2014-15. In 2015, spikes were plucked from F2 long row planted at Carnarvon (WA) under rust disease. These spikes were (F2:F3 generation) spaced planted in a short header-row at Dandaragan, WA in 2016. These selections were tested for agronomic traits, disease and yield performance for 2 years during 2017 and 2018. In 2018, the fixed lines were re-derived (F4:F5) and multiplied, following year 2019, in a short (2-row plots) at Nunile, WA. During 2020, these lines were evaluated in AGT’s agronomic, disease and quality testing network across Western Australia and South Australia. In 2021, an elite line was identified and named ‘WAGT1099’ and continued to be evaluated for another 3 years in AGT’s agronomic, disease and quality testing network across; Western Australia, South Australia, and New South Wales. Seed purification began in 2022 and this seed was used for commercial seed multiplication. In 2024, ‘WAGT1099’ entered the National Variety Trials (NVT) across all Ag zones of Western Australia. Breeders: Dr Usman Ijaz and Dr Dion Bennett, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	white
Ear	scurs or awns	awns present
Seasonal	type	spring type
Ear	density	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Ninja’	Matches all grouping characteristics
‘Zen’	Matches all grouping characteristics
‘Scepter’	Matches all 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
‘Supreme’	Plant	length	medium	very short	
‘Kinsei’	Time of	ear emergence	medium	late	
‘Rosella’	Time of	ear emergence	medium	late	

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

Organ/Plant Part: Context	‘Rottnest’	‘Ninja’	‘Scepter’	‘Zen’
<input type="checkbox"/> Seed: colour	white	white	white	white
<input type="checkbox"/> Plant: growth habit	semi erect	semi erect	erect to semi erect	erect to semi erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low to low	low	low to medium	low to medium

<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	medium	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Flag leaf: glaucosity of sheath	medium	strong	medium	strong
<input type="checkbox"/> Flag leaf: glaucosity of blade	weak	weak	weak	weak to medium
<input type="checkbox"/> Ear: glaucosity	weak to medium	weak	weak to medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent
<input checked="" type="checkbox"/> Straw: pith in cross section	thin	thin	thin	medium
<input type="checkbox"/> Ear: density	medium	medium	medium	medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium to long	medium	medium	medium to long
<input type="checkbox"/> Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided	slightly clavate
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	small to medium	medium	small	medium to large
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	medium	narrow	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	horizontal	slightly elevated	horizontal to slightly elevated
<input type="checkbox"/> Lower glume: length of beak	medium to long	medium	long	medium
<input type="checkbox"/> Lower glume: shape of beak	slightly curved	slightly curved	slightly curved	slightly curved to moderately curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Rottnest'	'Ninja'	'Scepter'	'Zen'
<input type="checkbox"/> Time of: ear emergence (julian days)				
Mean	272.33	273.33	272.67	273.67
Std. Deviation	0.58	0.58	0.58	0.58
Lsd/sig	2.12	ns	ns	ns
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	88.95	100.15	89.00	82.55

Std. Deviation	0.35	1.06	3.11	0.92
Lsd/sig	5.15	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	92.35	88.30	90.45	82.50
Std. Deviation	1.06	2.12	1.20	0.42
Lsd/sig	4.58	ns	ns	P≤0.01

Prior Applications and Sales: Nil

Description: Andrew Cecil, Roseworthy, SA, 5371



Wheat (*Triticum aestivum*) variety 'Rottnest' with comparators 'Zen', 'Ninja' and 'Scepter'

Details of Application

Application Number	2024/105
Variety Name	'Shotgun'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	06-Jun-2024
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyninex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: a cross was completed in the glasshouse at Roseworthy in 2015, resulting in a population coded CO11565. The population was selfed from the F1 to F4 generations and grown in the field at Roseworthy (SA), with selection for plant type, maturity and rust resistance. In 2017 these lines entered AGT's agronomic, disease and quality testing network across Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2021 a selection was identified which became 'RAC3227'. In 2023 'RAC3227' entered the National Variety Trials (NVT) across Western Australia, South Australia, Victoria and New South Wales. Seed purification began in 2022 and this seed was used as the source for commercial seed multiplication. Breeders: Dr James Edwards and Dr Adam Norman, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	white
Flag leaf	anthocyanin colouration of auricles	absent or weak
Ear	scurs or awns	awns present
Ear	colour	white
Seasonal	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ballista'	Matches all grouping characteristics
'Scepter'	Matches all grouping characteristics
'Catapult'	Matches all grouping characteristics
'Rockstar'	Matches all grouping characteristics
'LRPB Matador'	Matches all 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
'Calibre'	Flag leaf anthocyanin colouration of auricles	absent	strong	
'Vixen'	Time of ear emergence	medium	very early to early	
'Sting'	Time of ear emergence	medium	early	
'Denison'	Time of ear emergence	medium	late	

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

Organ/Plant Part: Context	'Shotgun'	'Ballista'	'Catapult'	'LRPB Matador'	'Rockstar'	'Scepter'
<input type="checkbox"/> Seed: colour	white	white	white	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	erect to semi erect	erect to semi erect	intermediate	erect	semi erect	erect to semi erect

<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low to low	absent or very low to low	absent or very low to low	low	low	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong	medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	weak to medium	medium	weak	weak to medium	weak	weak
<input checked="" type="checkbox"/> Ear: glaucosity	medium to strong	medium to strong	medium	weak to medium	medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	medium to strong	medium to strong	medium	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin	thick or filled	thin
<input type="checkbox"/> Ear: density	medium	lax to medium	medium	lax to medium	lax to medium	medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	medium	short to medium	medium	short to medium	medium
<input type="checkbox"/> Ear: colour	white	white	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided	tapering	parallel sided	parallel sided
<input checked="" type="checkbox"/> 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	absent or very small	small
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	absent or very narrow	absent or very narrow	absent or very narrow	absent or very narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	horizontal	slightly elevated	horizontal to slightly elevated	horizontal	slightly elevated
<input type="checkbox"/> Lower glume: length of beak	long	medium to long	long to very long	medium to long	medium to long	long
<input checked="" type="checkbox"/> Lower glume: shape of beak	slightly curved	slightly curved	slightly curved	slightly curved to moderately curved	moderately curved	slightly curved

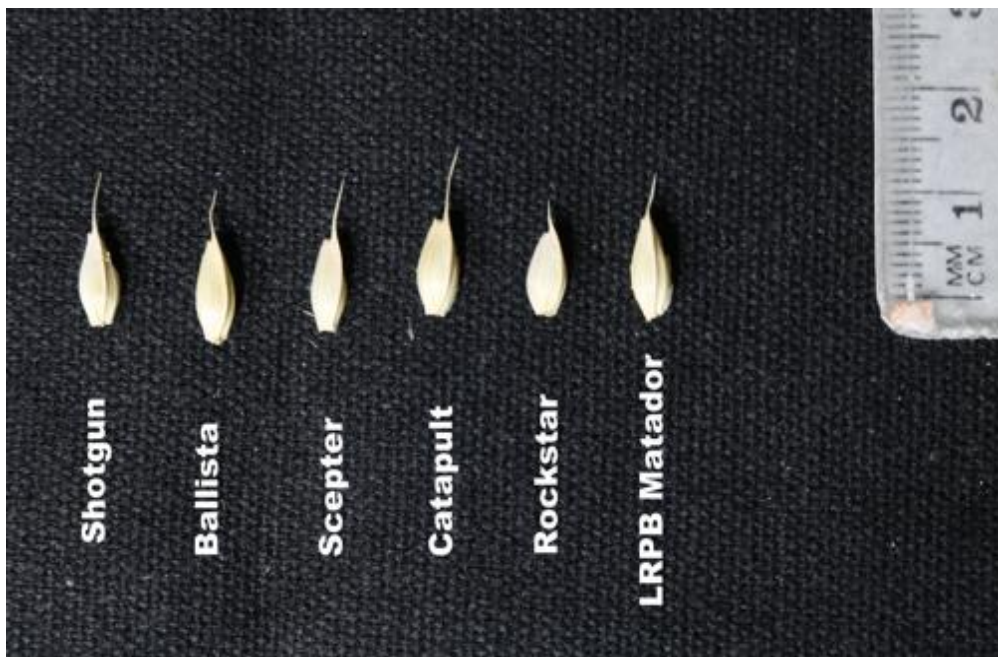
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Shotgun'	'Ballista'	'Catapult'	'LRPB Matador'	'Rockstar'	'Scepter'
<input checked="" type="checkbox"/> Ear: length (mm)						
Mean	85.45	102.30	95.15	91.70	91.95	89.00
Std. Deviation	1.48	1.70	2.47	0.42	1.20	3.11
Lsd/sig	5.15	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: length (cm)						
Mean	88.80	86.85	92.85	83.65	89.15	90.45
Std. Deviation	0.28	1.63	1.90	1.77	1.06	1.20
Lsd/sig	4.58	ns	ns	P≤0.01	ns	ns
<input type="checkbox"/> Time of: ear emergence (julian days)						
Mean	271.67	269.67	273.00	271.33	273.33	272.67
Std. Deviation	0.58	1.15	1.00	0.58	0.58	0.33
Lsd/sig	2.12	ns	ns	ns	ns	ns

Prior Applications and Sales: Nil

Description: Andrew Cecil, Roseworthy, SA, 5371



Wheat (*Triticum aestivum*) variety 'Shotgun' with comparators 'Ballista', 'Scepter', 'Catapult', 'Rockstar' and 'LRPB Matador'

Details of Application

Application Number	2024/144
Variety Name	'PMSP220867472'
Genus Species	<i>Spinacia oleracea</i>
Common Name	Spinach
Accepted Date	28-Aug-2024
Applicant	Nunhems B.V., Nunhem, The Netherlands
Agent	Spruson & Ferguson, Sydney 2000, NSW
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SPN1097
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/55/5 Rev.4 d.d. 27-04-2022
Period	2024-2025
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: Observations for this variety were first made in 2014. To develop this variety, the female parent line (parent 1), which is a hybrid between two varieties, was crossed with the male parent line (parent 2). High quality progeny were then selected based on traits such as Pe resistance, cultural value, a long female flowering period, and good seed production. The best-performing individuals were selfed through seven cycles of selection until the present line was fixed. Breeder: Nunhems B.V. of Napoleonsweg 152, Nunhem, 6083 AB, The Netherlands (Philip Simons as an employee).

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	red coloration of stem, petioles and veins	absent
Leaf blade	intensity of green colour	dark
Plant	Proportion of monoecious plants	absent or very low
Plant	Proportion of female plants	very high
Plant	Proportion of male plants	absent or very low
Plant	Time of start of bolting (for spring sown crops, 15% of plants)	medium to late
Resistance to	<i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 12	present
Resistance to	<i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 13	present
Resistance to	<i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 16	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PMSP220864186'	

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

Organ/Plant Part: Context	'PMSP220867472'	'PMSP220864186'
<input type="checkbox"/> Seedling: length of cotyledon	short to medium	
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark
<input checked="" type="checkbox"/> Leaf blade: blistering	weak	medium
<input type="checkbox"/> Petiole: attitude	semi-erect	
<input type="checkbox"/> Petiole: length	short	
<input type="checkbox"/> Leaf blade: attitude	semi-erect to horizontal	
<input type="checkbox"/> Leaf blade: shape (excluding basal lobes)	broad elliptic	
<input type="checkbox"/> Leaf blade: curving of margin	flat	
<input type="checkbox"/> Leaf blade: shape of apex	rounded	
<input type="checkbox"/> Leaf blade: shape in longitudinal section	flat	
<input type="checkbox"/> Proportion of: monoecious plants	absent or very low	
<input type="checkbox"/> Proportion of: female plants	very high	
<input type="checkbox"/> Proportion of: male plants	absent or very low	
<input type="checkbox"/> Time of: start of bolting (for spring sown crops, 15% of plants)	medium to late	
<input type="checkbox"/> Seed: spines (harvested seed)	absent	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 8	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 11	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 10	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 12	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 13	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 14	present	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 16	absent	
<input type="checkbox"/> Resistance to: <i>Peronospora effuse</i> (Pe) (ex <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i>) Race 17	present	

- Resistance to: *Peronospora effuse* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race 18
- Resistance to: *Peronospora effuse* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race 19

present	absent
absent	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PMSP220867472'	'PMSP220864186'
<input type="checkbox"/> Plant: red coloration of stem, petioles and veins	absent	
<input type="checkbox"/> Seed: spines (submitted seed)	absent	
<input type="checkbox"/> Leaf blade: lobing	very weak to weak	

Prior Applications and Sales:

Country	Year	Status	Name Applied
The Netherlands	2024	granted	'220867472'
EU	2024	pending	'220867472'
USA	2024	pending	'220867472'

No prior sale.

Description: Michael Christie



Spinach (*Spinacia oleracea*) variety 'PMSP220867472'

Details of Application

Application Number	2024/184
Variety Name	'Happy Dreams'
Genus Species	<i>Armeria pseudarmeria</i>
Common Name	Thrift
Accepted Date	30-Sep-2024
Applicant	Innovabred Pty. Ltd. Wonga Park, Victoria, Australia
Agent	Plants Management Australia Pty. Ltd.
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park 3115, VIC
Descriptor	PBR ARME
Period	February 2025 - October 2025
Conditions	Trial conducted in the open, plants propagated as cuttings February 2025 and transferred to 140mm pots in March 2025. Pots were filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.
Trial Design	Fifteen pots of each variety in a completely randomised design.
Measurements	Taken from ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Cross pollination: Cross pollination occurred with the maternal parent 'Dream Weaver' and paternal parent RS2. As part of an ongoing *Armeria* breeding program with the focus of bringing more upright short flowering stems and globular medium sized inflorescence. From this cross, seedlings were raised in February 2016 and raised to flowering maturity in October. A seedling was identified at this time expressing pale red petals, inflorescence size small to medium, inflorescence shape rounded and peduncle length short to medium. Propagation trials were undertaken at this time for multiple generations, and the final selection was made in 2021. All subsequent generations have remained uniform and stable. Breeder: Plant Growers Australia Pty. Ltd. Wonga Park, Victoria, 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
Leaf	presence of variegation	absent
Inflorescence	diameter	medium
Inflorescence	height	medium
Inflorescence	shape	globular
peduncle	habit	erect
peduncle	degree of hairiness	absent or very low
petal	colour of central zone	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Dreamland'	
'Daydream'	

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
'Sweet Dreams'	peduncle degree of hairiness	medium to high	absent or very low	

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

Organ/Plant Part: Context	'Happy Dreams'	'Daydream'	'Dreamland'
<input type="checkbox"/> Plant: density	medium	dense to medium	medium
<input type="checkbox"/> Leaf: shape of cross-section	shallow concave	medium concave	medium concave
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Inflorescences: diameter	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescences: anthocyanin colouration of bract	weak	strong	medium
<input type="checkbox"/> Inflorescences: height	medium	medium	medium
<input type="checkbox"/> Inflorescences: shape	globular	globular	globular
<input type="checkbox"/> Peduncle: habit	erect	erect	erect
<input type="checkbox"/> Peduncle: rigidity	strong	strong	strong
<input type="checkbox"/> Peduncle: degree of hairiness	absent or very low	absent or very low	absent or very low
<input checked="" type="checkbox"/> Petal: shape of apex	obtuse	emarginate	obtuse
<input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart)	180B	68B	58B
<input type="checkbox"/> Petal: colour change towards central zone	present	present	present
<input type="checkbox"/> Bract: length	medium	short to medium	short to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Happy Dreams'	'Daydream'	'Dreamland'
<input checked="" type="checkbox"/> leaf: shape	ensiform	ligulate	ligulate
<input type="checkbox"/> petal: colour	red	pink	pink
<input checked="" type="checkbox"/> petal: predominance of central zone	strong	medium	weak
<input type="checkbox"/> leaf base: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> leaf base: degree of anthocyanin colouration	very strong	weak	very weak
<input type="checkbox"/> petal: colour of central zone	white	white	white
<input type="checkbox"/> leaf: width of blade	medium	medium	narrow
<input checked="" type="checkbox"/> leaf: length of blade	medium	medium	short

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2022	Granted	'Happy Dreams'

First sold in New Zealand in August 2021 and Australia in August 2023.

Description: Jordan Smark, Wonga Park, VIC 3115



Thrift (*Armeria pseudarmeria*) variety 'Happy Dreams' with comparators 'Dreamland' and 'Daydream'

Details of Application

Application Number	2024/202
Variety Name	'FRANKIE'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Accepted Date	19-Nov-2024
Applicant	HM. Clause, Inc. California, USA.
Agent	HM. Clause Pacific, Templestowe, VIC.
Qualified Person	Calixto Dilag

Details of Comparative Trial

Location	Templestowe, Victoria
Descriptor	Melon (<i>Cucumis melo</i>) TG/104/5 Rev.3
Period	2024/2025
Conditions	Trial was sown Spring of 2024 and was examined early Autumn of 2025. It was planted in raised bed with drip irrigation and black plastic mulch. Two generations of candidate variety and a commercial comparator were sown in two replications, treated the same and were examined.
Trial Design	Side by side trial
Measurements	As per UPOV test guideline
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination. The hybrid was produced by crossing two pure parental lines previously selected based on their genotypic and phenotypic characteristics. Each line was developed using the pedigree selection using genotypic and phenotypic tools until a high level of homogeneity was reached. The cross was first made on 2016 between two proprietary lines. From 2017 to 2022, there has been field evaluations of this hybrid in different locations in USA, Mexico, Guatemala and Australia. In 2023, final product was named Frankie. Main selection criteria used to develop the variety were fruit size and shape, brix, taste, firmness of flesh and small cavity. Breeder: Andres Navarro, HM. Clause, Inc. 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	ground colour of skin	grey
Fruit	grooves	absent or very weakly expressed
Seed	colour	cream yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Infinite 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	'FRANKIE'	'Infinite Gold'
----------------------------------	------------------	------------------------

<input type="checkbox"/>	Leaf blade: size	large	medium
<input type="checkbox"/>	Leaf blade: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/>	Leaf blade: development of lobes	weak	medium
<input type="checkbox"/>	Leaf blade: length of terminal lobe	medium	medium
<input type="checkbox"/>	Leaf blade: dentation of margin	weak	medium
<input type="checkbox"/>	Leaf blade: blistering	weak	weak
<input type="checkbox"/>	Petiole: attitude	erect	erect
<input type="checkbox"/>	Petiole: length	long	long
<input type="checkbox"/>	*Inflorescence: sex expression	monoecious	monoecious
<input type="checkbox"/>	Young fruit: hue of green colour of skin	yellowish green	yellowish green
<input type="checkbox"/>	*Young fruit: intensity of green colour of skin	medium	light
<input type="checkbox"/>	Young fruit: length of peduncle	short	short
<input type="checkbox"/>	Young fruit: thickness of peduncle 1 cm from fruit	medium	medium
<input type="checkbox"/>	Young fruit: extension of darker area around peduncle	small	small
<input type="checkbox"/>	Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development
<input type="checkbox"/>	*Fruit: length	medium	medium
<input type="checkbox"/>	*Fruit: diameter	medium	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	medium
<input type="checkbox"/>	*Fruit: position of maximum diameter	at middle	at middle
<input type="checkbox"/>	*Fruit: shape in longitudinal section	broad elliptic	medium elliptic
<input type="checkbox"/>	*Fruit: ground colour of skin	grey	grey
<input type="checkbox"/>	Fruit: intensity of ground colour of skin	light	light
<input type="checkbox"/>	Fruit: hue of ground colour of skin	yellowish	yellowish
<input type="checkbox"/>	Fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/>	*Fruit: warts	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	medium	weak
<input type="checkbox"/>	*Fruit: shape of base	rounded	rounded
<input type="checkbox"/>	*Fruit: shape of apex	rounded	rounded
<input type="checkbox"/>	*Fruit: size of pistil scar	medium	medium
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: creasing of surface	absent or very weak	absent or very weak
<input type="checkbox"/>	*Fruit: cork formation	present	present
<input checked="" type="checkbox"/>	*Fruit: thickness of cork layer	thick	medium

<input type="checkbox"/> *Fruit: pattern of cork formation	netted only	netted only
<input type="checkbox"/> *Fruit: density of pattern of cork formation	dense	dense
<input type="checkbox"/> Fruit: rate of change of skin colour from maturity to over maturity	medium	medium
<input type="checkbox"/> Fruit: width of flesh in longitudinal section	medium	medium
<input type="checkbox"/> *Fruit: main colour of flesh	orange	orange
<input checked="" type="checkbox"/> Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	medium	light
<input type="checkbox"/> Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> Fruit at over maturity: hue of colour of skin (varieties with change of skin colour from maturity to over maturity only)	yellow	yellow
<input type="checkbox"/> Fruit at over maturity: intensity of yellow colour of skin (varieties with change of skin colour from maturity to over maturity and with yellow or orangish yellow colour of skin only)	light	light
<input type="checkbox"/> *Seed: length	medium	medium
<input type="checkbox"/> Seed: width	medium	medium
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	cream yellow	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed colour only)	medium	medium
<input type="checkbox"/> Time of: male flowering	medium	medium
<input type="checkbox"/> Time of: female flowering	medium	medium
<input type="checkbox"/> Time of: ripening	medium	medium
<input type="checkbox"/> *Shelf life of: fruit	medium	medium

Prior Applications and Sales: Nil

Description: Calixto Dilag, HM. Clause Pacific, Templestowe, VIC 3105.



Melon (*Cucumis melo*) variety 'FRANKIE'

Details of Application

Application Number	2024/207
Variety Name	'AR128'
Genus Species	<i>Epichloe festucae var. lolii</i>
Common Name	Fungal endophyte
Accepted Date	12-Dec-2024
Applicant	Grasslanz Technology Ltd, Lincoln, New Zealand
Qualified Person	Charlotte Burgess

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	FEN035 Grant. 35276
Location	Palmerston north, New Zealand
Descriptor	NZ Objective Description for endophyte 10/18
Period	2022 and 2023
Conditions	As per NZ DUS report
Trial Design	As per NZ DUS report
Measurements	As per NZ DUS report

Origin and Breeding

Isolation and selection: Isolation and characterisation from a seed accession sourced in Italy. Isolated into culture on potato dextrose agar and used to inoculate otherwise endophyte-free seedlings by established methods. The endophyte-plant combination performs in a similar fashion in these preferred, novel hosts to the original hosts producing Epoxyanthitrem alkaloids which have been shown to have effective bioactivity against insects and grazing animals. AR128 may be introduced into a range of ryegrass cultivars and was specifically developed to confer resistance to pasture plants against undesirable pests. The endophyte is vertically transmitted through the seed and can maintain good viability when appropriate seed storage practices for endophytes are applied. Breeder: Grasslanz Technology 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
Colony	rate of growth	medium
colony	degree of convolution	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'AR127'	

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

Organ/Plant Part: Context	'AR128'	'AR127'
<input type="checkbox"/> Colony: rate of growth (of subculture)	medium	
<input type="checkbox"/> Colony: sporulation	present	
<input checked="" type="checkbox"/> Colony: immersion of margin in agar	absent or very low	low

Details of Application

Application Number	2024/208
Variety Name	'SRA42'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	11-Sep-2024
Applicant	Sugar Research Australia, Brisbane, QLD, 4000
Qualified Person	George Pipedaris

Details of Comparative Trial

Location	Sugar Research Australia, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 20 September 2023; Descriptions taken 20-21 August 2024.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200kg/ha at planting and Side dress GF505 applied to total 129N 8P 88K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15Kg/ha (canegrub control). Herbicides Residual Weed Control: 3L/ha Stomp and 1.5kg/ha Atradox 26/9/2023 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2008 between the seed parent 'QC83-625' and the pollen parent 'QS83-2103'. Seed was collected from the pollinated female inflorescences and stored for germination in 2012. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central growing region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia, Brisbane, 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
Node	shape of bud	ovate and oval
Internode	cross-section	circular
Internode	colour where not exposed to sun	yellow-green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SRA9'	
'Q183'	
'SRA32'	

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

Organ/Plant Part: Context	'SRA42'	'Q183'	'SRA32'	'SRA9'
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> *Internode: shape	cylindrical	concave-convex	conoidal	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Greyed-Purple 187B; Yellow-Green 152D	Greyed-Purple 184C; Yellow-Green N144A; Greyed-Yellow 160B	Greyed-Purple 184B; Yellow-Green 152C	Greyed-Purple 184B,183B,C; Yellow-Green 152B; Greyed-Yellow 160B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Yellow-Green 152A,B,C,D; Greyed-Purple 184B; Greyed-Red 181C,D	Yellow-Green 144C; Greyed-Yellow 160B,161A	Yellow-Green N144D; Greyed-Yellow 160A	Yellow-Green 144A,B; Greyed-Orange N170D
<input type="checkbox"/> Internode: depth of growth crack	medium	medium	medium to deep	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak to moderate	moderate to strong	weak to moderate	moderate to strong
<input type="checkbox"/> Internode: waxiness	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Node: wax ring	narrow	medium	narrow to medium	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate	ovate and oval
<input type="checkbox"/> Node: bud prominence	weak to medium	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> Node: length of bud groove	medium	short	medium	

<input type="checkbox"/>	Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	intermediate
<input type="checkbox"/>	Node: bud cushion	absent or very narrow	absent or very narrow	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/>	Node: width of bud wing	wide	narrow to medium	narrow	narrow
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	medium to many	medium	few to medium	absent or very few
<input checked="" type="checkbox"/>	Leaf sheath: length of hairs	medium to long	short to medium	short	short
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	medium	medium	wide	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short to medium	short to medium	short	short to medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	transitional	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small to medium		medium to large	medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	lanceolate	transitional	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small to medium		small	small

Statistical Table

Organ/Plant Part: Context	'SRA42'	'Q183'	'SRA32'	'SRA9'
<input type="checkbox"/> Stem: culm height (cm)				
Mean	311.47	301.70	288.26	353.86
Std. Deviation	29.87	22.48	21.70	23.52
Lsd/sig	31.84	ns	ns	p<0.01
<input type="checkbox"/> Internode: length on the bud side (cm)				
Mean	182.17	185.00	189.67	185.40
Std. Deviation	14.85	16.00	24.34	18.13
Lsd/sig	18.23	ns	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	23.94	25.90	25.10	24.95
Std. Deviation	2.30	2.78	2.08	2.56
Lsd/sig	1.73	p<0.01	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	11.84	11.20	11.48	10.14
Std. Deviation	0.93	0.98	0.95	0.98
Lsd/sig	0.74	ns	ns	p<0.01
<input type="checkbox"/> Node: width of bud, excluding wings (mm)				

Mean	6.70	6.94	7.90	6.71
Std. Deviation	1.11	0.80	0.95	0.95
Lsd/sig	0.94	ns	p≤0.01	ns

 Leaf sheath: length (cm)

Mean	29.05	31.64	36.41	31.04
Std. Deviation	19.03	12.24	38.57	31.73
Lsd/sig	30.13	ns	p≤0.01	ns

 Leaf blade: width at the longitudinal mid-point (mm)

Mean	43.82	47.74	46.74	40.59
Std. Deviation	4.36	3.98	2.97	3.60
Lsd/sig	4.61	ns	ns	ns

 Leaf: midrib width (mm)

Mean	3.19	3.62	4.16	3.68
Std. Deviation	0.36	0.69	0.46	0.68
Lsd/sig	1.05	ns	ns	ns

 Leaf: ratio leaf blade width/midrib width

Mean	13.85	13.54	11.32	11.28
Std. Deviation	1.81	2.07	0.89	1.78
Lsd/sig	2.29	ns	p≤0.01	p≤0.01

 Leaf blade: lamina length (cm)

Mean	143.82	155.57	157.20	152.15
Std. Deviation	83.93	109.44	91.09	99.73
Lsd/sig	147.71	ns	ns	ns

 Node: length of bud, excluding wings (mm)

Mean	7.95	7.21	9.02	7.45
Std. Deviation	0.74	1.09	1.04	1.08
Lsd/sig	0.88	ns	p≤0.01	ns

 Node: ratio bud width/bud length

Mean	0.84	0.97	0.88	0.91
Std. Deviation	0.13	0.11	0.10	0.11
Lsd/sig	0.07	p≤0.01	ns	ns

Prior Applications and Sales: Nil

Description: George Pipedaris, Indooroopilly, QLD.



Sugarcane – *Saccharum* variety 'SRA42'

Details of Application

Application Number	2024/209
Variety Name	'SRA44'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	11-Sep-2024
Applicant	Sugar Research Australia, Brisbane, QLD, 4000
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 20 September 2023; Descriptions taken 20-21 August 2024.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200kg/ha at planting and Side dress GF505 applied to total 129N 8P 88K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15Kg/ha (canegrub control). Herbicides Residual Weed Control: 3L/ha Stomp and 1.5kg/ha Atradox 26/9/2023 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2008 between the seed parent 'QC83-625' and the pollen parent 'QS83-2103'. Seed was collected from the pollinated female inflorescences and stored for germination in 2012. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central growing region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia, Brisbane, 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
Node	shape of bud	ovate and oval
Internode	cross-section	circular
Internode	colour where not exposed to sun	yellow-green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SRA9'	
'Q183'	
'SRA32'	

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

Organ/Plant Part: Context	'SRA44'	'Q183'	'SRA32'	'SRA9'
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> *Internode: shape	cylindrical	concave-convex	conoidal	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Greyed-Purple 187B; Yellow-Green 152D	Greyed-Purple 184C; Yellow-Green N144A; Greyed-Yellow 160B	Greyed-Purple 184B; Yellow-Green 152C	Greyed-Purple 184B,183B,C; Yellow-Green 152B; Greyed-Yellow 160B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Yellow-Green 152A,B,C,D; Greyed-Purple 184B; Greyed-Red 181C,D	Yellow-Green 144C; Greyed-Yellow 160B,161A	Yellow-Green N144D; Greyed-Yellow 160A	Yellow-Green 144A,B; Greyed-Orange N170D
<input type="checkbox"/> Internode: depth of growth crack	medium	medium	medium to deep	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak to moderate	moderate to strong	weak to moderate	moderate to strong
<input type="checkbox"/> Internode: waxiness	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Node: wax ring	narrow	medium	narrow to medium	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate	triangular-pointed
<input type="checkbox"/> Node: bud prominence	weak to medium	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> Node: length of bud groove	medium	short	medium	
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	absent or very narrow	absent or very narrow	absent or very narrow	absent or very narrow

<input checked="" type="checkbox"/>	Node: width of bud wing	wide	narrow to medium	narrow	narrow
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	medium to many	medium	few to medium	absent or very few
<input checked="" type="checkbox"/>	Leaf sheath: length of hairs	medium to long	short to medium	short	short
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	medium	medium	wide	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short to medium	short to medium	short	short to medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	transitional	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small to medium		medium to large	medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	lanceolate	transitional	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small to medium		small	small

Statistical Table

Organ/Plant Part: Context	'SRA44'	'Q183'	'SRA32'	'SRA9'
<input type="checkbox"/> Stem: culm height (cm)				
Mean	311.47	301.70	288.26	353.86
Std. Deviation	29.87	22.48	21.70	23.52
Lsd/sig	31.84	ns	ns	p≤0.01
<input type="checkbox"/> Internode: length on the bud side (cm)				
Mean	182.17	185.00	189.67	185.40
Std. Deviation	14.85	16.00	24.34	18.13
Lsd/sig	18.23	ns	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	23.94	25.90	25.10	24.95
Std. Deviation	2.30	2.78	2.08	2.56
Lsd/sig	1.73	p≤0.01	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	11.84	11.20	11.48	10.14
Std. Deviation	0.93	0.98	0.95	0.98
Lsd/sig	0.74	ns	ns	p≤0.01
<input checked="" type="checkbox"/> Node: width of bud, excluding wings (mm)				
Mean	6.70	6.94	7.90	6.71
Std. Deviation	1.11	0.80	0.95	0.95
Lsd/sig	0.94	ns	p≤0.01	ns
<input checked="" type="checkbox"/> Leaf sheath: length (cm)				

Mean	29.05	31.64	36.41	31.04
Std. Deviation	19.03	12.24	38.57	31.73
Lsd/sig	30.13	ns	p≤0.01	ns
<input type="checkbox"/> Leaf blade: width at the longitudinal mid-point (mm)				
Mean	43.82	47.74	46.74	40.59
Std. Deviation	4.36	3.98	2.97	3.60
Lsd/sig	4.61	ns	ns	ns
<input type="checkbox"/> Leaf: midrib width (mm)				
Mean	3.19	3.62	4.16	3.68
Std. Deviation	0.36	0.69	0.46	0.68
Lsd/sig	1.05	ns	ns	ns
<input type="checkbox"/> Leaf: ratio leaf blade width/midrib width				
Mean	13.85	13.54	11.32	11.28
Std. Deviation	1.81	2.07	0.89	1.78
Lsd/sig	2.29	ns	p≤0.01	p≤0.01
<input type="checkbox"/> Leaf blade: lamina length (cm)				
Mean	143.82	155.57	157.20	152.15
Std. Deviation	83.93	109.44	91.09	99.73
Lsd/sig	147.71	ns	ns	ns
<input checked="" type="checkbox"/> Node: length of bud, excluding wings (mm)				
Mean	7.95	7.21	9.02	7.45
Std. Deviation	0.74	1.09	1.04	1.08
Lsd/sig	0.88	ns	p≤0.01	ns
<input checked="" type="checkbox"/> Node: ratio bud width/bud length				
Mean	0.84	0.97	0.88	0.91
Std. Deviation	0.13	0.11	0.10	0.11
Lsd/sig	0.07	p≤0.01	ns	ns

Prior Applications and Sales:

Nil

Description: George Piperidis, Indooroopilly, QLD.



Sugarcane (*Saccharum*) variety 'SRA44'

Details of Application

Application Number	2024/242
Variety Name	'DAFEX'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Accepted Date	21-Nov-2024
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V. DE LIER, The Netherlands
Agent	Spruson & Ferguson, Level 24, Tower 2, Darling Park, 201 Sussex Street, NSW
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA4980
Location	Naktuinbouw, ROELOFARENDSEVEEN, The Netherlands
Descriptor	TP/13/6 Rev. 4
Period	2024
Conditions	according to CPVO test guidelines
Trial Design	according to CPVO test guidelines
Measurements	according to CPVO test guidelines
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: 'Dafex' is a pure line variety derived from a single cross between two proprietary Rijk Zwaan lines, followed by seven subsequent cycles of selection and selfing. During the selection process, the best plants were selected due to the desired agronomic characteristics, which were resistance to *Bremia lactucae*, red leaf colour and delayed wound induced discoloration of the leaves (KNOX trait). Observations for this variety were first made in 2018. Breeder: Rijk Zwaan Lettuce breeding department (Rijk Zwaan Zaadteelt en Zaadhandel B.V, Burgemeester Crezélaan 40, DE LIER, 2678 KX, 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	type	multi-divided type
Plant	type of culture	in the open
Seed	colour	black
Plant	Time of beginning of bolting	very late
Plant	Resistance to <i>Bremia lactucae</i> (BI) isolate BI: present 29EU	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Barbex'	

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

Organ/Plant Part: Context	'DAFEX'	'Barbex'
<input type="checkbox"/> Seed: colour	black	
<input type="checkbox"/> Plant: diameter	medium	
<input type="checkbox"/> Plant: degree of overlapping of upper part of leaves	absent or weak	
<input type="checkbox"/> Plant: number of leaves	medium	
<input type="checkbox"/> Leaf: attitude	semi-erect	
<input type="checkbox"/> Leaf: number of divisions	many	
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration	strong	very strong
<input checked="" type="checkbox"/> Leaf: hue of anthocyanin colouration	reddish	purplish
<input type="checkbox"/> Leaf: area covered by anthocyanin colouration	large	
<input type="checkbox"/> Leaf: glossiness of upper side	strong	
<input type="checkbox"/> Leaf: thickness	very thin	
<input type="checkbox"/> Leaf: blistering	absent or very weak	
<input type="checkbox"/> Leaf: undulation of margin	medium	
<input type="checkbox"/> Leaf: type of incisions of margin	tridentate	
<input type="checkbox"/> Leaf: depth of incisions of margin	medium	
<input type="checkbox"/> Leaf: depth of secondary incisions of margin	shallow	
<input checked="" type="checkbox"/> Leaf: density of incisions of margin	sparse to medium	dense
<input type="checkbox"/> Leaf: venation	semi-flabellate	
<input type="checkbox"/> Time of beginning of bolting:	very late	
<input type="checkbox"/> Axillary sprouting:	absent or weak	
<input type="checkbox"/> Bolting stem: fasciation	absent or very weak	
<input type="checkbox"/> Resistance to <i>Bremia lactucae</i> (BI) isolate BI: 29EU	present	
<input type="checkbox"/> Resistance to <i>Nasonovia ribisnigri</i> (Nr) Biotype Nr: 0	present	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DAFEX'	'Barbex'
<input type="checkbox"/> Plant: type	multi-divided type	
<input type="checkbox"/> Plant: type of culture	in the open	
<input type="checkbox"/> Resistance to <i>Bremia lactucae</i> (BI) isolate BI: 38EU	present	
<input type="checkbox"/> Resistance to <i>Bremia lactucae</i> (BI) isolate BI: 39EU	present	
<input type="checkbox"/> Resistance to <i>Bremia lactucae</i> (BI) isolate BI: 40EU	present	
<input type="checkbox"/> Resistance to <i>Lettuce mosaic virus</i> (LMV): pathotype II	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2023	Granted	'DAFEX'
The Netherlands	2023	Granted	'DAFEX'
UK	2023	Granted	'DAFEX'

First sold in Spain in September 2023 and in Australia in October 2023

Description: Michael Christie, Spruson & Ferguson, Level 24, Tower 2, Darling Park, 201 Sussex Street, NSW



DAFEX



Lettuce (*Lactuca sativa*) – variety 'DAFEX'

Details of Application

Application Number	2024/260
Variety Name	'LIMORE ONE'
Genus Species	<i>Fragaria x ananassa</i>
Common Name	Strawberry
Accepted Date	23-Dec-2024
Applicant	Asparagus Beheer B.V., Veld Oostenrijk 13, Horst, 5961 NV, The Netherlands
Agent	FAIRBANK'S SELECTED SEED CO. PTY. LTD., Epping, VIC
Qualified Person	Samantha Andrews

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt, Germany
Overseas Data Reference Number	EDB 839
Location	Prüfstelle Wurzen, Germany
Descriptor	UPOV TG/22/10 Rev 2012-03-28 and CPVO-TP/22/3 28/11/2012
Period	2023-2024
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

Cross pollination: This new variety originated as a result of a controlled cross pollination between the seed parental line 'LP23201' and the pollen parental line 'LP23202'. Both parents are characterised by weak plant vigour, low fruit yields, with small fruit and leaf size. Inbred lines were developed which were bred in enough to make the line stable and homozygous for most loci. Selection took place between the generations of inbreeding at Limgroup B.V. in Horst the Netherlands. First cross of the candidate was made in 2019 and the first time the candidate was seen was in 2020. After four years of evaluation of the selection in internal trials and external trials the first commercial seed production was set up. Selection criteria: Find everbearer variety for the North West European market with high yield, acceptable taste and good post harvest properties. Propagation: F1 hybrid - seed propagated. Breeder: David Braspenning, Limgroup B.V., 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	growth habit	semi-upright
Petal	colour of upper side	white
Fruit	size	medium to large
Fruit	shape	conical
Fruit	colour	medium red
Fruit	type of bearing	day neutral

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'L22203'	Reference number of reporting authority: EDB 840

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

Organ/Plant Part: Context	'LIMORE ONE'	'L22203'
<input type="checkbox"/> *Plant: growth habit	semi-upright	
<input type="checkbox"/> Plant: density of foliage	medium to dense	
<input type="checkbox"/> Plant: vigour	strong	
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	same level	
<input checked="" type="checkbox"/> *Plant: number of stolons	many	medium
<input type="checkbox"/> Stolon: anthocyanin colouration	weak	
<input checked="" type="checkbox"/> Stolon: density of pubescence	sparse	medium
<input type="checkbox"/> Leaf: size	medium	
<input type="checkbox"/> Leaf: colour of upper side	medium green	
<input type="checkbox"/> *Leaf: blistering	medium	
<input type="checkbox"/> *Leaf: glossiness	medium	
<input type="checkbox"/> Leaf: variegation	absent	
<input type="checkbox"/> *Terminal leaflet: length in relation to width	moderately longer	
<input type="checkbox"/> *Terminal leaflet: shape of base	obtuse	
<input type="checkbox"/> Terminal leaflet: margin	serrate to crenate	
<input type="checkbox"/> Terminal leaflet: shape in cross section	concave	
<input type="checkbox"/> Petiole: length	medium to long	
<input type="checkbox"/> Petiole: attitude of hairs	horizontal	
<input type="checkbox"/> Stipule: anthocyanin colouration	very weak to weak	
<input type="checkbox"/> Inflorescence: number of flowers	medium	
<input type="checkbox"/> Pedicel: attitude of hairs	upwards	
<input type="checkbox"/> Flower: diameter	medium to large	
<input type="checkbox"/> *Flower: arrangement of petals	overlapping	
<input type="checkbox"/> *Flower: size of calyx in relation to corolla	same size	
<input type="checkbox"/> *Flower: stamen	present	
<input type="checkbox"/> Petal: length in relation to width	equal	
<input type="checkbox"/> *Petal: colour of upper side	white	
<input type="checkbox"/> *Fruit: length in relation to width	equal	
<input type="checkbox"/> *Fruit: size	medium to large	

<input type="checkbox"/> *Fruit: shape	conical	
<input type="checkbox"/> Fruit: difference in shape of terminal and other fruits	very slight to slight	
<input type="checkbox"/> *Fruit: colour	medium red	
<input type="checkbox"/> Fruit: evenness of colour	slightly uneven	
<input type="checkbox"/> Fruit: glossiness	strong	
<input type="checkbox"/> Fruit: evenness of surface	slightly uneven	
<input type="checkbox"/> Fruit: width of band without achenes	narrow	
<input type="checkbox"/> *Fruit: position of achenes	level with surface	
<input type="checkbox"/> Fruit: position of calyx attachment	level with fruit	
<input type="checkbox"/> Fruit: attitude of sepals	outwards	
<input type="checkbox"/> Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	
<input type="checkbox"/> Fruit: adherence of calyx	medium	
<input type="checkbox"/> Fruit: firmness	medium to firm	
<input type="checkbox"/> Fruit: colour of flesh (excluding core)	medium red	
<input type="checkbox"/> Fruit: colour of core	medium red	
<input type="checkbox"/> Fruit: cavity	absent or small	
<input type="checkbox"/> *Time of: beginning of flowering	late to very late	
<input type="checkbox"/> Time of: beginning of fruit ripening	late to very late	
<input type="checkbox"/> *Type of: bearing	day neutral	

Prior Applications and Sales:			
Country	Year	Status	Name Applied
Canada	2024	Applied	'LIMORE ONE'
EU	2022	Granted	'LIMORE ONE'
Norway	2024	Applied	'LIMORE ONE'
Switzerland	2024	Granted	'LIMORE ONE'
UK	2023	Applied	'LIMORE ONE'
First sold in the Netherlands in Feb 2024			
Description: Samantha Andrews, Micro Harvest Pty Ltd, Sunshine Coast, QLD.			



Strawberry (*Fragaria x ananassa*) – variety 'Limore One'

Details of Application

Application Number	2024/264
Variety Name	'KPSUNB'
Genus Species	<i>Anigozanthos</i>
Common Name	Kangaroo Paw
Accepted Date	17/3/2026
Applicant	Botanic Gardens and Parks Authority, Kings Park, WA, Australia
Agent	Ramm Botanicals Pty Ltd as a trustee for the Ramm Botanicals Trust, Kangy Angy, NSW, 2258
Qualified Person	Hannah Clifton

Details of Comparative Trial

Location	Kangy Angy, NSW, 2258
Descriptor	TG/175/4
Period	March 2025 - September 2025
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 bark 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: 'KPSUNB' was developed as part of a breeding program for Kangaroo Paw for garden and pot use conducted at Kings Park Botanic Gardens, Perth, WA. Proprietary breeding plant 13/183B was cross pollinated with 'Bush Gold' on 4/7/2017. Mature seed was germinated in vitro at Ramm Botanicals on 24/10/2018. Tissue cultures of 'KPSUNB' were transferred to the nursery in May 2019 and tissue culture productivity and nursery pot trials were conducted throughout 2019-2024. 'KPSUNB' was selected based on its unique flower colour and attractive pot presentation. Breeder: Digby Growns, 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
Plant	height	short to medium
Inflorescence	ramification	present
Perianth tube	colour	green
Flower	time of beginning of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rambubona	

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

Organ/Plant Part: Context	'KPSUNB'	'Rambubona'
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input type="checkbox"/> Plant: number of inflorescences	few	few
<input checked="" type="checkbox"/> Leaf: length	medium	short
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: attitude	semi erect	semi erect
<input type="checkbox"/> Leaf: glaucosity	weak	weak
<input type="checkbox"/> Leaf: hairiness of margin	absent or weak	absent or weak
<input checked="" type="checkbox"/> Inflorescence: ramification	secondary	primary
<input type="checkbox"/> Inflorescence: number of flowers	few	few
<input type="checkbox"/> Perianth tube: length	short	short
<input type="checkbox"/> Perianth tube: width	narrow to medium	narrow to medium
<input type="checkbox"/> Perianth tube: profile	parallel	parallel
<input type="checkbox"/> Perianth tube: colour	green	green
<input type="checkbox"/> Perianth tube hair: number of colours	one	one
<input type="checkbox"/> Perianth tube hair: colour of middle third	yellow	yellow
<input checked="" type="checkbox"/> Perianth lobe: length	medium	short
<input checked="" type="checkbox"/> Perianth lobes: reflexing	weak	medium
<input type="checkbox"/> Flower: number of anthers at top of perianth	four	four
<input type="checkbox"/> Flower: position of stigma in relation to anthers	same level	same level
<input type="checkbox"/> Flower: time of beginning of flowering	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'KPSUNB'	'Rambubona'
<input checked="" type="checkbox"/> Inflorescence stem: colour of hairs	Yellowish White	Red
<input type="checkbox"/> Pedicel: colour of hairs	14B	14B
<input type="checkbox"/> Perianth tube: colour of upper third of hairs	14B	14B

Prior Applications and Sales:

No prior sale or applications.

Description: Hannah Clifton, Kangy Angy, NSW 2258



Anigozanthos (Kangaroo Paw) variety 'KPSUNB' with comparator 'Rambubona'

Details of Application

Application Number	2025/017
Variety Name	'RUBYCUT'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Accepted Date	07-Apr-2025
Applicant	Vilmorin-Mikado, La Menitre, 49250, France
Agent	Spruson & Ferguson, Sydney, NSW, Australia
Qualified Person	Calixto Dilag

Details of Comparative Trial

Location	Templestowe, VIC, Australia
Descriptor	TG/13/10 Rev.
Period	2025
Conditions	Trial was established Winter of 2025 and was examined Spring of the same year. 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 were planted in replicates and were treated the same.
Trial Design	Side by side trial
Measurements	As per UPOV test guideline
RHS Chart - edition	RHS Chart 5th Edition

Origin and Breeding

Controlled pollination: During the summer of 2015 the F1 was made between two parents in La Ménitré, France. F2 seed production took place in Chile during winter of 2015 in counter season. F2 were screened in France in Vilmorin breeding station located at Ledenon FRANCE during summer 2016. F3 seed production was done in La Costière greenhouse during Autumn and Winter of 2016. F3 seeds were tested for *Bremia lactucae*, *Nasanovia ribisnigri* and *fusarium* in pathologic labs facilities in La Ménitré station during 2017. Field screenings were done in La Ménitré and La Costière in France along with parallel field trial in Templestowe, Victoria, Australia during Spring, summer Autumn and Winter 2017. F4 and three more succeeding generations were screen in Australia, where best choice were selected and tested for pathological test and molecular marker in France during years 2018 to 2021. In 2022 a lot has been multiplied for F8 generation in counter season in Chile from one choice selected in F7 in 2021. In 2024, from F8 lot a production has been engaged to produce commercial seeds of 'RUBYCUT'. Breeder: Vilmorin-Mikado, La Menitre, 49250, 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
Seed	colour	white
Seedling	anthocyanin colouration	present
Leaf	anthocyanin colouration	present
Leaf blade	division	divided

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Tralex'

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

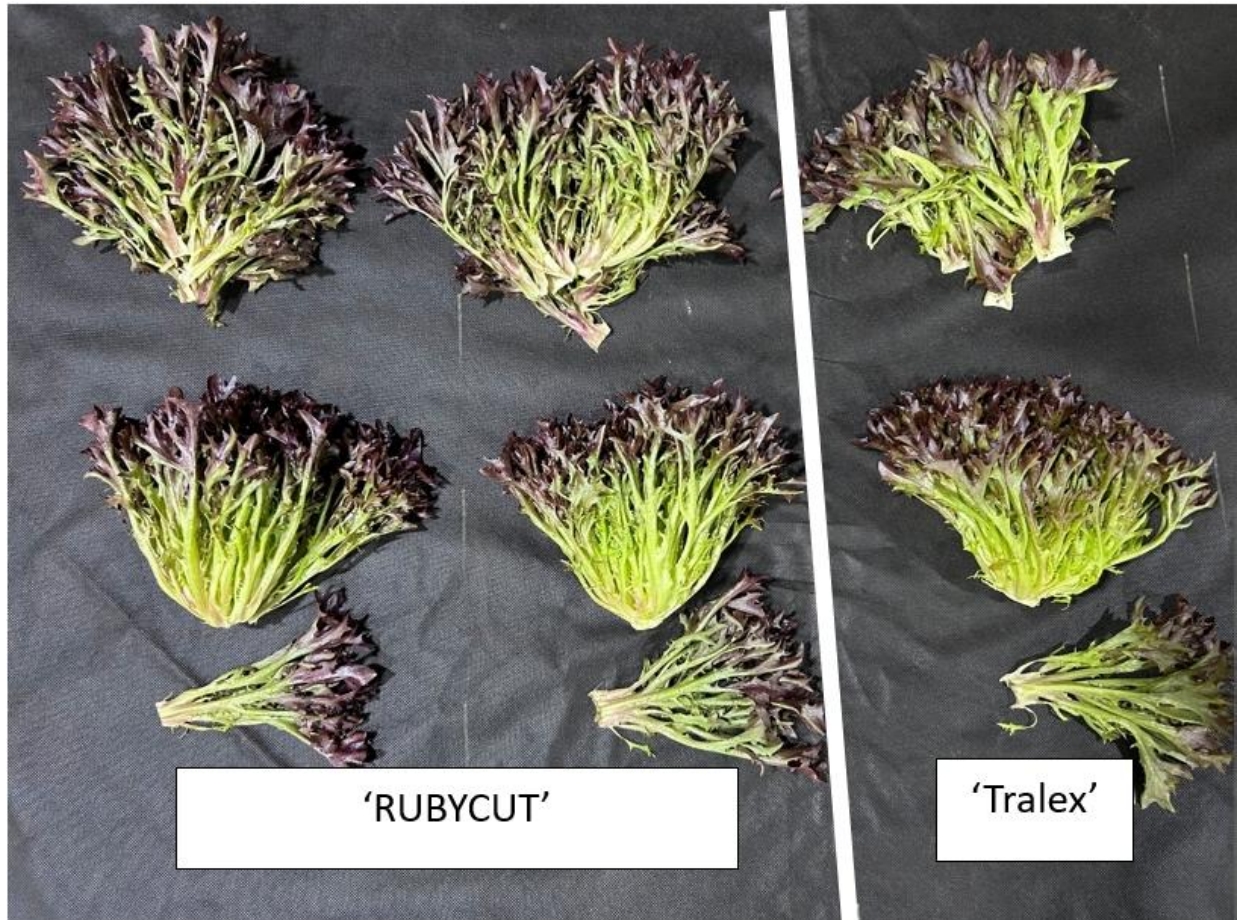
Organ/Plant Part: Context	'RUBYCUT'	'Tralex'
<input type="checkbox"/> *Seed: colour	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf blade: division	divided	divided
<input type="checkbox"/> *Plant: diameter	large	large
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	broad obtrullate	broad obtrullate
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	yellowish	yellowish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	light to medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf: intensity of anthocyanin colouration	medium	weak
<input type="checkbox"/> Leaf: distribution of anthocyanin	localised	localised
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused only	diffused only
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> *Leaf: blistering	weak	weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	weak	weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium to deep	medium to deep
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium	medium
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate
<input type="checkbox"/> Time of: harvest maturity	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	medium to late	medium
<input type="checkbox"/> Plant: height	tall	tall

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'RUBYCUT'	'Tralex'
<input checked="" type="checkbox"/> Leaf: RHS colour	N77A	200B
<input checked="" type="checkbox"/> Leaf: presence of <i>Bremia lactucae</i> (race unknown)	absent	present

Prior Applications and Sales: Nil

Description: Calixto Dilag, Templestowe, Vic, 3106



Lettuce (*Lactuca sativa*) variety 'RUBYCUT' with comparator 'Tralex'

Details of Application

Application Number	2025/061
Variety Name	'AGT-Insurgent TT'
Genus Species	<i>Brassica napus</i>
Common Name	Canola
Accepted Date	18-Jun-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Smi Ullah

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	TG/36/6+corr. Rape Seed (<i>Brassica napus</i>)
Period	May- December 2025
Conditions	A comparative trial was sown in AGT's paddock at Wasleys, South Australia. In the previous year the trial area carried a lentil crop which was harvested for grain. Pre-seeding herbicides Roundup Ultra (1.5 L/ha) and Hammer (35 ml/ha) were applied and then Overwatch (1.25 L/ha), Trifluralin (1.0 L/ha) and Chlorpyrifos (1.0 L/ha) were done as a separate application prior to seeding. The trial was sown on 29th of May and 90 kg MAP + 2.5% zinc fertiliser was sown with the seed. Post seeding the trial was sprayed with Simazine (2.0 kg/ha) on the 30th May. The season was generally favourable for growth of the crop and for weeds and disease. The trial was sprayed post emergence on 1st July with Select Xtra (330 ml/ha), Kwicken (1.0 L/ha), Lemat (120 ml/ha) and Ammonium Sulphate (1.0 kg/ha) to control weeds and insects. Granam granular fertiliser was spread on the 3rd July (170 kg/ha). The trial was again sprayed for weeds on the 4th July with Tenet (750 ml/ha), Lontrel Advanced (125 ml/ha) and Kwicken (1.0 L/ha). Atrazine (1.10 kg/ha) was applied on the 29th July. A separate fungicide application of Miravis Star (1.0 L/ha) was done for disease prevention on the same day. On the 30th July 100 L of Liquid N was applied. On the 4th September Prosaro (450 ml/ha) was applied for further disease prevention. On the 13th October Pirimor was applied (500 g/ha) for the control of Aphids. The trial was desiccated using Reglone (3.0 L/ha) and BS1000 (160 ml/ha) to aid in harvest of the trial. The trial was harvested on 7/12/25.
Trial Design	Randomised complete block, 4 replications, 6 row x 4m plots.
Measurements	Seedling and mature plant measure collected from 20 plants per replicates 1, 2, 3 and 4 giving a total of 80 observations per variety.

Origin and Breeding

A cross was made between the parents to generate a population. This population was grown F1 through to F4 at Roseworthy (SA). Fixed lines were derived in 2020. In 2021, 2022 and 2023 these lines entered an agronomic, disease and quality testing network across, Western Australia, South Australia, Victoria and New South Wales. In 2023 a selection was identified which became AGTC0120TT. In 2024 AGTC0120TT entered the National Variety Trials (NVT) across; South Australia, Victoria, Western Australia and New South Wales. Seed purification began in 2021 and this seed was used as the source

for commercial seed multiplication. Breeder: Dr Smi Ullah, Dr Haydn Kuchel and Dr James Edwards, Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.

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	erucic acid	absent
Time of	flowering	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bandit TT'	early maturing triazine tolerant canola variety
'DG Bidgee TT'	early-medium flowering triazine tolerant variety
'Renegade TT'	early-medium flowering triazine tolerant 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
'ATR Bonito'	Plant length: height of the plant	medium to tall	short to medium	
'Crusher TT'	Flowering time: time the plant flowers	early to medium	medium	
'DG Murray TT'	Flowering time: time the plant flowers	early to medium	medium	
'ATR Wahoo'	Flowering time: time the plant flowers	early to medium	medium	
'ATR-Gem'	Plant length: height of the plant	medium to tall	medium	
'ATR Mako'	Plant length: height of the plant	medium to tall	medium	
'ATR-Stingray'	Flowering time: time the plant flowers	early to medium	early	

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

Organ/Plant Part: Context	'AGT-Insurgent TT'	'Bandit TT'	'DG Bidgee TT'	'Renegade TT'
<input type="checkbox"/> Seed: erucic acid	low	low	low	low
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Leaf: lobes	present	present	present	present
<input type="checkbox"/> Leaf: number of lobes	medium	medium	medium to many	medium to many
<input checked="" type="checkbox"/> Leaf: incisions of margin	weak	weak	very weak	medium
<input type="checkbox"/> Time of flowering:	early to medium	early	early to medium	early
<input type="checkbox"/> Flower: colour of petals	yellow	yellow	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium to long	medium	short to medium	medium to long
<input checked="" type="checkbox"/> Flower: width of petals	broad	medium	medium	broad

<input type="checkbox"/> Production of pollen:	present	present	present	present
<input type="checkbox"/> Plant: tendency to form inflorescences in alternate seasons	strong	strong	strong	strong

Statistical Table

Organ/Plant Part: Context	'AGT-Insurgent TT'	'Bandit TT'	'DG Bidgee TT'	'Renegade TT'
<input checked="" type="checkbox"/> Plant: Days to flowering (days)				
Mean	92.25	86.50	98.75	89.25
Std. Deviation	0.50	0.58	0.50	0.50
Lsd/sig	1.69	p≤0.01	p≤0.01	p≤0.01
<input checked="" type="checkbox"/> Cotyledon: Length (mm)				
Mean	7.69	8.80	6.20	8.78
Std. Deviation	0.69	0.40	0.66	0.42
Lsd/sig	1.06	p≤0.01	p≤0.01	p≤0.01
<input checked="" type="checkbox"/> Leaf: Number of lobes				
Mean	3.53	2.85	5.73	4.97
Std. Deviation	0.75	0.62	0.74	0.58
Lsd/sig	0.92	ns	p≤0.01	p≤0.01
<input checked="" type="checkbox"/> Petal: length (mm)				
Mean	16.39	15.50	15.03	16.51
Std. Deviation	0.52	0.66	0.77	0.57
Lsd/sig	1.05	ns	p≤0.01	ns
<input checked="" type="checkbox"/> Petal: Width (mm)				
Mean	9.12	8.30	8.34	9.67
Std. Deviation	0.37	0.28	0.35	0.41
Lsd/sig	0.69	p≤0.01	p≤0.01	ns
<input checked="" type="checkbox"/> Plant: Height (cm)				
Mean	119.70	110.00	116.70	100.80
Std. Deviation	1.94	1.75	1.85	0.90
Lsd/sig	7.01	p≤0.01	ns	p≤0.01
<input checked="" type="checkbox"/> Siliqua: Length (mm)				
Mean	52.63	58.50	46.43	58.96
Std. Deviation	3.10	1.77	2.65	2.50
Lsd/sig	5.62	p≤0.01	p≤0.01	p≤0.01
<input checked="" type="checkbox"/> Siliqua: Length of beak (mm)				
Mean	7.13	11.03	9.48	8.96
Std. Deviation	0.92	1.46	1.67	1.41
Lsd/sig	2.17	p≤0.01	p≤0.01	ns
<input checked="" type="checkbox"/> Siliqua: Length of peduncle (mm)				
Mean	17.44	20.90	17.97	16.26
Std. Deviation	1.59	1.95	1.61	1.79
Lsd/sig	2.77	p≤0.01	ns	ns
<input checked="" type="checkbox"/> Cotyledon: Width (mm)				
Mean	14.38	110.00	116.70	100.80

Std. Deviation	1.55	1.75	1.85	0.90
Lsd/sig	2.15	p≤0.01	ns	p≤0.01

Prior Applications and Sales: Nil

Description: Smi Ullah, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Canola (*Brassica napus*) 'AGT-Insurgent TT' with comparators 'DG Bidgee TT', 'Bandit TT' and 'Renegade TT'

Details of Application

Application Number	2025/062
Variety Name	'AGT-Hamelin'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	18-Jun-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80 kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates; the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: WAGT371 was crossed with F1 seed from the cross RAC2221/WAGT603 in the AGT glasshouse at Roseworthy (SA) in 2014. The F1 seeds were multiplied in a short row planted over

summer at Roseworthy (SA) during 2014-15. In 2015, spikes were plucked from F2 long row planted at Carnarvon (WA) under leaf and stem rust disease. These spikes (F2:F3 generation) were threshed and spaced planted in a short multiplication row at Dandaragan, WA in 2016. These selections were tested for agronomic traits, disease and yield performance for 2 years during 2017 and 2018. In 2018, the fixed lines were re-derived (F4:F5) and multiplied, following year 2019, in a short (2-row plots) at Nunile, WA. During 2020, these lines were evaluated in AGT's agronomic, disease and quality testing network across; Western Australia and South Australia. In 2021, an elite line was identified and named WAGT1159 and continued to be evaluated for another 4 years in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, and New South Wales. Seed purification began in 2022 and this seed was used for commercial seed multiplication. In 2024, WAGT1159 entered the National Variety Trials (NVT) across all Ag zones of Western Australia. Breeders: Dr Dion Bennett, Dr Usman Ijaz and Dr Jason Reinheimer, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	White
Ear	Scurs or awns	Awns present
Ear	Colour	White
Seasonal	Type	Spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rockstar'	Matches all grouping characteristics
'Catapult'	Matches all 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
'Magenta'	Plant: growth habit	Semi-erect	Semi-prostrate	
'Denison'	Plant: length	Medium	Long	
'Illabo'	Seasonal type	Spring type	Winter type	

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

Organ/Plant Part: Context	'AGT-Hamelin'	'Catapult'	'Rockstar'
<input type="checkbox"/> Seed: colour	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	semi-erect	intermediate	Semi-erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low to low	low
<input checked="" type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	strong	absent or weak	absent or weak
<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium to strong	medium to strong	medium to strong
<input checked="" type="checkbox"/> Flag Leaf: glaucosity of blade	medium	weak	weak

<input type="checkbox"/> Ear: glaucosity	weak to medium	medium	medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent
<input checked="" type="checkbox"/> Straw: pith in cross section	medium	thin	thick or filled
<input type="checkbox"/> Ear: density	lax to medium	medium	lax to medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	short to medium	short to medium
<input type="checkbox"/> Ear: colour	white	white	white
<input type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	medium to large	absent or very small	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	absent or very narrow to narrow	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly elevated	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	very long	long to very long	medium to long
<input checked="" type="checkbox"/> Lower glume: shape of beak	slightly curved	slightly curved	moderately curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Hamelin'	'Catapult'	'Rockstar'
<input checked="" type="checkbox"/> Time of: Ear emergence (Julian days)			
Mean	275.33	273.00	273.33
Std. Deviation	1.15	1.00	0.58
Lsd/sig	2.12	p≤0.01	ns
<input checked="" type="checkbox"/> Ear: Length (mm)			
Mean	78.45	95.15	91.95
Std. Deviation	1.34	2.47	1.20
Lsd/sig	5.15	p≤0.01	p≤0.01
<input type="checkbox"/> Plant: Length (cm)			
Mean	86.95	92.85	89.15
Std. Deviation	2.33	1.91	1.06
Lsd/sig	4.58	ns	ns

Prior Applications and Sales: Nil

Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) 'AGT-Hamelin' with comparators 'Rockstar' and 'Catapult'

Details of Application

Application Number	2025/063
Variety Name	'AGT-Carnac'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	20-May-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates; the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: 'Scepter' was back-crossed three times with OD0041C6 at AGT glasshouse, Roseworthy, SA during 2016 that resulted in a population coded OD0127C3. During winter 2017 and

summer 2017-18, this population OD0127C3 was selected for grain hardness (PIN gene 'aa' alleles) and Rlnn1 (carriers) gene using molecular markers in controlled environment conditions at AGT glasshouse, Roseworthy (SA) and created a new bulk named as OD0127C3-M17-M1718. Subsequently, selection was performed for plant height and maturity in winter 2018 and generation was advanced over summer 2018-19. The new bulk was named OD0127C3-M17-M1718-SB18-B1819. In 2019, single plants were harvested from this population. Following year 2020, these single plants were multiplied in short multiplication plot at Nunile, WA. In 2021 these lines were evaluated in AGT's agronomic, disease and quality testing network across; Western Australia and South Australia. In 2022 an elite line was identified (plant no -058), re-named as WAGT1170 and continued to be evaluated for another 3 years in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, and New South Wales. In 2024, WAGT1170 entered the National Variety Trials (NVT) across Western Australia. Breeders: Dr Usman Ijaz, Dr Dion Bennett and Dr Britt Kalmeier, Australian Grain Technologies Pty Ltd, 20 Leitch Road, Roseworthy SA 5371.

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	White
Flag Leaf	Anthocyanin colouration of auricles	Absent or weak
Ear	Scurs or awns	Awns present
Seasonal	Type	Spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rottnest'	Matches all grouping characteristics
'Ninja'	Matches all grouping characteristics
'Zen'	Matches all grouping characteristics
'Scepter'	Matches all 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
'Calibre'	Time of: ear emergence	Medium	Early	
'Vixen'	Time of: ear emergence	Medium	Very early to early	
'Kinsei'	Time of: ear emergence	Medium	Late	
'Supreme'	Plant: growth habit	Semi-erect	Erect	

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

Organ/Plant Part: Context	'AGT-Carnac'	'Ninja'	'Rottnest'	'Scepter'	'Zen'
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input type="checkbox"/> Plant: growth habit	semi erect	semi erect	semi erect	erect to semi erect	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	low	low	low to medium	low to medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak

<input checked="" type="checkbox"/> Flag Leaf: glaucosity of sheath	strong	strong	medium	medium	strong
<input type="checkbox"/> Flag Leaf: glaucosity of blade	weak to medium	weak	weak to medium	weak	weak to medium
<input type="checkbox"/> Ear: glaucosity	weak to medium	weak	medium	weak to medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin	medium
<input type="checkbox"/> Ear: density	medium to dense	medium	medium	medium	medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input checked="" type="checkbox"/> Ear: length of scurs or awns	short to medium	medium	medium	medium	medium to long
<input type="checkbox"/> Ear: colour	white	white	white	white	white
<input type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided	parallel sided	slightly clavate
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	medium	medium	small to medium	small	medium to large
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	medium	narrow to medium	narrow	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping to horizontal	horizontal	horizontal to slightly elevated	slightly elevated	horizontal to slightly elevated
<input type="checkbox"/> Lower glume: length of beak	medium to long	medium	medium to long	long	medium
<input checked="" type="checkbox"/> Lower glume: shape of beak	straight	slightly curved	slightly curved	slightly curved	slightly curved to moderately curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Carnac'	'Ninja'	'Rottnest'	'Scepter'	'Zen'
<input checked="" type="checkbox"/> Ear: Length (mm)					
Mean	94.05	100.15	88.95	89.00	82.55
Std. Deviation	2.05	1.06	1.91	3.11	0.92
Lsd/sig	5.15	p≤0.01	ns	ns	p≤0.01
<input checked="" type="checkbox"/> Plant: Length (cm)					
Mean	90.55	88.30	90.10	90.45	82.50
Std. Deviation	0.64	2.12	1.13	1.20	0.42

Lsd/sig	4.58	ns	ns	ns	p≤0.01
Time of: Ear Emergence (Julian days)					
Mean	273.00	273.33	272.00	272.67	273.67
Std. Deviation	0.00	0.58	1.00	0.58	0.58
Lsd/sig	2.12	ns	ns	ns	ns

Prior Applications and Sales: Nil

Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) 'AGT-Carnac' with comparators 'Scepter', 'Rottnest', 'Ninja' and 'Zen'

Details of Application

Application Number	2025/076
Variety Name	'AGT-Bunyip IA'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Accepted Date	20-Jun-2025
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Stewart Coventry

Details of Comparative Trial

Location	Wagga Wagga, New South Wales
Descriptor	Barley (<i>Hordeum vulgare</i>) TG 19/11 (revised)
Period	May - December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1L/ha), Callisto (0.2L/ha), Mateno Complete (1.0L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 30th May and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 20th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 205L/ha of liquid N fertiliser was applied on 13th August. The trial was harvested on the 4th December.
Trial Design	Randomised block design with 8 replicates, consisting of 1 comparator and 2 generations of the candidate. Sown in 16 ranges of 2 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.5m wide (5 rows) and 3.2m long. There were approximately 800 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 two replicates. For each comparator or candidate generation there was 8 measurements of maturity, and 10 spikes from two replicates collected after maturity for head measurements. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: In 2018 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 the Australia for agronomic, disease and grain quality testing between 2020 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 2022 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
Plant	imidazalinone herbicide tolerance	present
Grain	rachilla hair type	short
Ear	development of sterile spikelets	full

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spartacus CL'	matches all 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
'PegasusAX'	Grain rachilla hair type	short	long	
'Titan AX'	Grain rachilla hair type	short	long	
'Zena'	Ear development of sterile spikelets	full	none or rudimentary	
'Neo'	Ear development of sterile spikelets	full	none or rudimentary	
'Maximus'	Grain rachilla hair type	short	long	

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

Organ/Plant Part: Context	'AGT-Bunyip IA'	'Spartacus CL'
<input type="checkbox"/> Kernel: colour of aleurone layer	whitish	whitish
<input type="checkbox"/> Plant: growth habit	erect	erect
<input type="checkbox"/> Plant: intensity of green colour	medium	medium
<input type="checkbox"/> Lowest leaves: hairiness of leaf sheath	absent	absent
<input checked="" type="checkbox"/> Flag leaf: anthocyanin coloration of auricles	medium	absent or very weak
<input type="checkbox"/> Flag leaf: attitude	erect	erect
<input type="checkbox"/> Ear: time of emergence	early	early
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	strong
<input checked="" type="checkbox"/> Awns: anthocyanin colouration of tips	medium	absent or very weak
<input type="checkbox"/> Ear: glaucosity	medium	medium
<input checked="" type="checkbox"/> Ear: attitude	semi-erect to horizontal	erect to semi-erect
<input type="checkbox"/> Ear: number of rows	two	two
<input type="checkbox"/> Ear: development of sterile spikelets	full	full

<input type="checkbox"/> Sterile spikelet: attitude	divergent	divergent
<input checked="" type="checkbox"/> Ear: shape	slightly tapering	parallel
<input checked="" type="checkbox"/> Ear: density	sparse to medium	medium to dense
<input type="checkbox"/> Awn: length	medium to long	long
<input checked="" type="checkbox"/> Rachis: length of first segment	medium	short
<input checked="" type="checkbox"/> Rachis: curvature of first segment	weak to medium	medium to strong
<input type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	shorter	equal
<input type="checkbox"/> Grain: rachilla hair type	short	short
<input type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	strong	strong
<input type="checkbox"/> Grain: type	husked	husked
<input type="checkbox"/> Grain: hairiness of ventral furrow	absent	absent
<input type="checkbox"/> Lemma: shape of base	bevelled	bevelled
<input type="checkbox"/> Seasonal type:	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AGT-Bunyip IA'	'Spartacus CL'
<input type="checkbox"/> Plant: imidazolinone herbicide tolerance	present	present
<input checked="" type="checkbox"/> Plant: Herbicide Tolerance (Quizalofop)	tolerant	sensitive

Statistical Table

Organ/Plant Part: Context	'AGT-Bunyip IA'	'Spartacus CL'
<input type="checkbox"/> Time of: ear emergence (julian days)		
Mean	259.50	258.75
Std. Deviation	0.53	0.46
Lsd/sig	0.82	ns
<input type="checkbox"/> Ear: length (mm)		
Mean	75.15	65.70
Std. Deviation	3.04	1.70
Lsd/sig	16.67	ns
<input type="checkbox"/> Plant: length (cm)		
Mean	87.90	80.35
Std. Deviation	4.10	2.76
Lsd/sig	18.93	ns
<input checked="" type="checkbox"/> Awn: length (mm)		
Mean	51.95	62.30
Std. Deviation	1.48	0.42
Lsd/sig	8.1	P≤0.01

Prior Applications and Sales: Nil

Description: Stewart Coventry, Roseworthy, SA, 5371



Barley (*Hordeum vulgare*) variety 'AGT-Bunyip IA' with comparator 'Spartacus CL' showing differences in anthocyanin colouration of flag leaf auricles (top panel) and awn tips (bottom panel).

Details of Application

Application Number	2025/090
Variety Name	'AGT-Colt'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	25-Jul-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80 kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates; the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: a cross was made between two AGT "breeders lines" RAC2252 and CO8226-M-103, the F1 was then crossed to a third "breeders line" RAC2040. The resultant F1 was then crossed

to the variety CUTLASS. This was completed in the glasshouse at Roseworthy in 2015, resulting in a population coded CO11617. The population was selfed from the F1 to F4 generations and grown in the field at Roseworthy (SA), with selection for plant type, maturity and rust resistance. In 2017 these lines entered AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2021 a selection was identified which became RAC3254. In 2024 RAC3254 entered the National Variety Trials (NVT) across; Western Australia, South Australia, Victoria and New South Wales. Seed purification began in 2022 and this seed was used as the source for commercial seed multiplication. Breeders: Dr James Edwards and Dr Adam Norman, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	White
Flag leaf	Anthocyanin colouration of auricles	Absent or weak
Straw	Pith in cross section	Thin
Ear	Scurs or awns	Awns present
Lower glume	Area of hairiness on internal surface	Very small
Seasonal	Type	Spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cutlass'	Matches all grouping characteristics
'Yitpi'	Matches all grouping characteristics
'Brumby'	Matches all grouping characteristics
'Catapult'	Matches all 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
'Scepter'	Plant: length	Long	Medium	
'Rockstar'	Plant: length	Long	Medium	
'LRPB Matador'	Plant: length	Long	Medium	
'Beckom'	Plant: length	Long	Medium	
'Calibre'	Time of: ear emergence	Medium to late	Early to medium	
'Denison'	Plant: length	Long	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	'AGT-Colt'	'Brumby'	'Catapult'	'Cutlass'	'Yitpi'
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	erect	intermediate	intermediate	semi erect	semi-erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	absent or very low to low	absent or very low to low	medium	low to medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak

<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium to strong	medium to strong	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Flag Leaf: glaucosity of blade	weak to medium	medium	weak	weak to medium	medium
<input type="checkbox"/> Ear: glaucosity	medium to strong	medium to strong	medium	medium	medium to strong
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium to strong	medium	medium	medium to strong
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin	thin
<input checked="" type="checkbox"/> Ear: density	lax	lax to medium	medium	lax to medium	lax to medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input checked="" type="checkbox"/> Ear: length of scurs or awns	short to medium	medium	short to medium	medium to long	long
<input type="checkbox"/> Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	tapering	parallel sided	parallel sided	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	medium	medium to large	absent or very small	small to medium	absent or very small to small
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow to medium	absent or very narrow	absent or very narrow to narrow	broad to narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal to slightly elevated	slightly sloping to horizontal	slightly elevated	slightly sloping to horizontal	slightly sloping to horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	long to very long	medium to long	long to very long	medium to long	medium to long
<input checked="" type="checkbox"/> Lower glume: shape of beak	straight	slightly curved	slightly curved	slightly curved	straight to slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Colt'	'Brumby'	'Catapult'	'Cutlass'	'Yitpi'
<input type="checkbox"/> Time of: Ear emergence (Julian days)					
Mean	272.67	272.00	273.00	273.00	272.67
Std. Deviation	0.58	0.00	0.33	0.00	0.58
Lsd/sig	2.12	ns	ns	ns	ns
<input checked="" type="checkbox"/> Ear: Length (mm)					

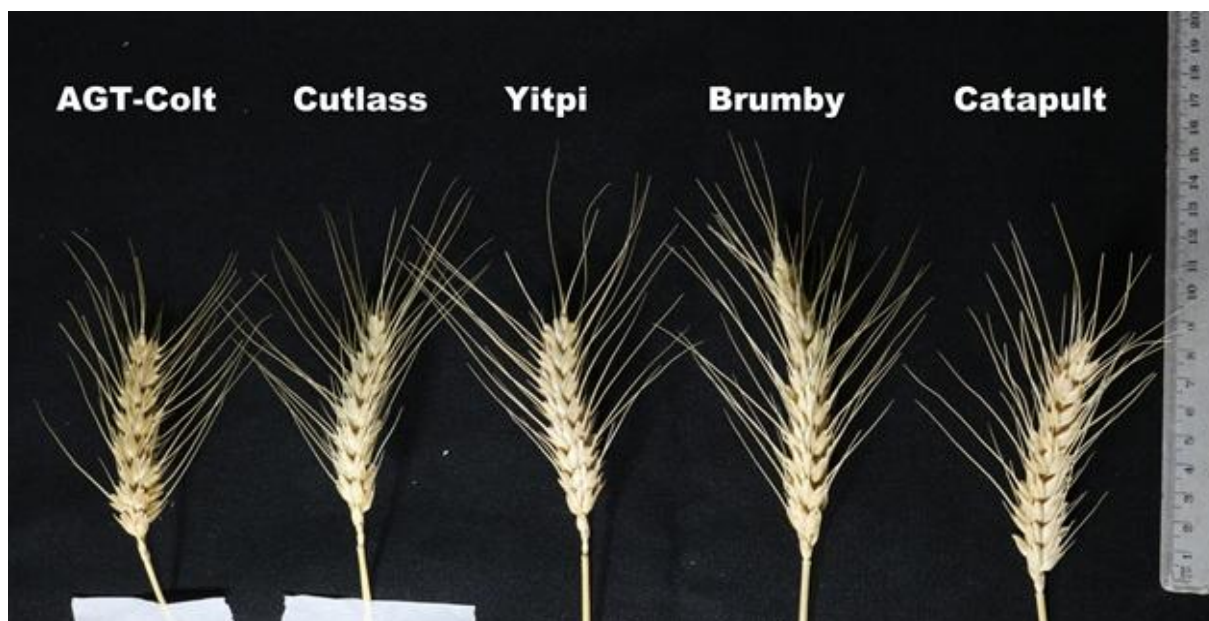
Mean	103.30	105.05	95.15	94.95	87.15
Std. Deviation	2.69	0.64	2.47	6.01	0.35
Lsd/sig	5.15	ns	p≤0.01	p≤0.01	p≤0.01

☒ **Plant: Length (cm)**

Mean	98.95	96.85	92.85	100.30	100.50
Std. Deviation	1.06	0.07	1.91	0.71	0.00
Lsd/sig	4.58	ns	p≤0.01	ns	ns

Prior Applications and Sales: Nil

Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) 'AGT-Colt' with comparators 'Cutlass', 'Yitpi', 'Brumby' and 'Catapult'

Details of Application

Application Number	2025/091
Variety Name	'AGT-Banker'
Genus Species	<i>Triticum turgidum</i>
Common Name	Durum wheat
Accepted Date	03-Jul-2025
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Durum Wheat (<i>Triticum turgidum</i>) UPOV TG/120/4
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (1.2 L/ha), Voraxor (0.2L/ha), Boxer Gold (2.5L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 4 blocks of 10 entries consisting of comparators and potential candidates. Sown in 20 ranges of 2 plots wide, block 1 being in ranges 1 to 5 and so on. Plots were 1.5m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: The cross was made at Roseworthy, South Australia in 2016 with the population coded as D16:005. The population was selfed from F1 to F3 generations and was grown at the Plant Breeding Institute (PBI), Narrabri and the AGT summer nursery in 2016/17 at

Roseworthy. In 2018, 300 selections were grown in AGT yield trials and tested in disease nurseries. In 2021, a selection was identified and was named 'AGTD173'. In 2024, 'AGTD173' entered into the National Variety Trials (NVT) across Queensland, New South Wales, Victoria and South Australia. Seed purification began in 2022 and this seed source was used for commercial seed multiplication. Breeders: Mr Thomas Kapcejevs & Dr Meiqin Lu, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	seasonal type	spring type
Ear	colouration	white
Ear	distribution of awns	fully awned
Ear	density	dense
Straw	pith in cross section	thin

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DBA Aurora'	matches all grouping characteristics
'Bitalli'	matches all grouping characteristics
'Patron'	matches all 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
'DBA Vittaroi'	Plant length	long	short	
'DBA Lillaroi'	Plant length	long	medium	
'Jandaroi'	Plant length	long	short	
'Caparoi'	Plant length	long	short	
'Saintly'	Ear scurs or awns	fully awned	tip awned	
'Westcourt'	Ear awn colour	dark purple	white	

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

Organ/Plant Part: Context	'AGT-Banker'	'Bitalli'	'DBA Aurora'	'Patron'
<input checked="" type="checkbox"/> Plant: growth habit	erect	erect to semi-erect	intermediate to semi-prostrate	intermediate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	absent or very low to low	medium	low
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	weak	absent or very weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium to strong	strong	strong	strong
<input type="checkbox"/> Flag leaf: glaucosity of lower side of leaf blade	weak to medium	medium	weak to medium	weak to medium

<input type="checkbox"/> Culm: density of hairiness of uppermost node	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium to strong	medium	medium
<input checked="" type="checkbox"/> Ear: glaucosity	medium	strong	strong	medium
<input type="checkbox"/> Ear: distribution of awns	fully awned	fully awned	fully awned	fully awned
<input checked="" type="checkbox"/> Ear: length of awns at tip relative to length of ear	equal	equal	longer	equal
<input type="checkbox"/> Lower glume: shape	medium oblong	medium oblong	medium oblong	medium oblong
<input checked="" type="checkbox"/> Lower glume: shape of shoulder	elevated	elevated	elevated	rounded
<input checked="" type="checkbox"/> Lower glume: width of shoulder	medium	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> Lower glume: length of beak	very short to short	short to medium	short to medium	short
<input type="checkbox"/> Lower glume: curvature of beak	absent to weak	absent to weak	absent	absent to weak
<input type="checkbox"/> Lower glume: hairiness of external surface	absent	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin
<input checked="" type="checkbox"/> Awn: colour	dark purple	medium purple	white	medium purple
<input type="checkbox"/> Ear: colouration	white	white	white	white
<input type="checkbox"/> Ear: density	dense	dense	dense	dense
<input checked="" type="checkbox"/> Grain: length of brush hair	medium to long	short	short	short to medium
<input type="checkbox"/> Grain: shape	slightly elongated	slightly elongated	slightly elongated	slightly elongated
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Banker'	'Bitalli'	'DBA Aurora'	'Patron'
<input type="checkbox"/> Ear: length (mm)				
Mean	85.70	83.25	93.05	87.75
Std. Deviation	2.69	2.62	2.33	2.47
Lsd/sig	9.04	ns	ns	ns
<input type="checkbox"/> Plant: length (cm)				
Mean	100.30	95.45	99.70	102.20
Std. Deviation	0.42	0.35	2.69	0.14
Lsd/sig	5.42	ns	ns	ns
<input checked="" type="checkbox"/> Time of: ear emergence (julian days)				
Mean	273.25	271.75	276.50	277.50
Std. Deviation	2.63	0.50	2.38	0.58

Lsd/sig

2.96

ns

P≤0.01

P≤0.01

Prior Applications and Sales: Nil

Description: Andrew Cecil, Roseworthy, SA, 5371



Durum wheat (*Triticum turgidum*) variety 'AGT-Banker' with comparators 'DBA Aurora', 'Bitalli' and 'Patron'

Details of Application

Application Number	2025/092
Variety Name	'AGT-Rimfire'
Genus Species	<i>Triticum turgidum</i>
Common Name	Durum wheat
Accepted Date	23-Jun-2025
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, Australia
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Durum Wheat (<i>Triticum turgidum</i>) UPOV TG/120/4
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (1.2 L/ha), Voraxor (0.2L/ha), Boxer Gold (2.5L/ha), Ammonium Sulphate (1kg/100L) and Hasten (1L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2L/ha), Axial Xtra (0.6L/ha) and Lontrel 750 (0.12kg/ha) to control weeds, Pyrinex Super insecticide was added (1L/ha) for insect control, Supa Trace fertiliser (4L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3L/ha) and insecticide Versys (0.05L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75L/ha) was applied on 15th October. 100L/ha of liquid N fertiliser was applied on 20th March with a further 200L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 4 blocks of 10 entries consisting of comparators and potential candidates. Sown in 20 ranges of 2 plots wide, block 1 being in ranges 1 to 5 and so on. Plots were 1.5m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: The cross was made in 2017/18 summer at Roseworthy, South Australia and was coded D17:025. The population was selfed from generations F1 to F5 and grown in the AGT summer nurseries at Sunville, Narrabri with selection for plant type, rust resistance and crown rot

tolerance. In the year 2020, 170 lines were derived from the same cross and were genotyped. Based on a set of GS predictions, surviving lines entered into AGT's agronomic, disease and quality network. In 2022, a selection was identified and entered into the National Variety Trials (NVT) across Queensland, New South Wales, Victoria and South Australia. In 2023, seed purification began. This seed was used as the source for commercial multiplication. Breeders: Mr Thomas Kapcejevs & Dr Meiqin Lu, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	seasonal type	spring type
Ear	distribution of awns	fully awned
Lower glume	shape	medium oblong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DBA Vittaroi'	matches all grouping characteristics
'EGA Bellaroi'	matches all grouping characteristics
'DBA Mataroi'	matches all 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
'Westcourt'	Plant length	long	short	
'Bitalli'	Ear awn colour	white	medium 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	'AGT-Rimfire'	'DBA Mataroi'	'DBA Vittaroi'	'EGA Bellaroi'
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	semi-erect	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low	low to medium	low to medium
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	strong	medium to strong	strong
<input type="checkbox"/> Flag leaf: glaucosity of lower side of leaf blade	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Culm: density of hairiness of uppermost node	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Culm: glaucosity of neck	medium to strong	medium to strong	medium to strong	strong
<input checked="" type="checkbox"/> Ear: glaucosity	strong	medium to strong	medium to strong	medium

<input type="checkbox"/> Ear: distribution of awns	fully awned	fully awned	fully awned	fully awned
<input type="checkbox"/> Ear: length of awns at tip relative to length of ear	longer	equal	equal	longer
<input type="checkbox"/> Lower glume: shape	medium oblong	medium oblong	medium oblong	medium oblong
<input checked="" type="checkbox"/> Lower glume: shape of shoulder	elevated	straight	elevated	elevated
<input checked="" type="checkbox"/> Lower glume: width of shoulder	medium	narrow to medium	narrow to medium	narrow
<input type="checkbox"/> Lower glume: length of beak	short	short	short	short
<input checked="" type="checkbox"/> Lower glume: curvature of beak	weak	weak to moderate	weak	absent
<input type="checkbox"/> Lower glume: hairiness of external surface	absent	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin
<input type="checkbox"/> Awn: colour	white	white	white	white
<input type="checkbox"/> Ear: colouration	white	white	white	white
<input type="checkbox"/> Ear: density	dense	dense	dense	dense
<input checked="" type="checkbox"/> Grain: length of brush hair	long	short to medium	short	medium to long
<input checked="" type="checkbox"/> Grain: shape	moderately elongated	slightly elongated	slightly elongated	moderately elongated
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Rimfire'	'DBA Mataroi'	'DBA Vittaroi'	'EGA Bellaroi'
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	95.60	80.20	94.40	77.45
Std. Deviation	7.50	3.25	2.55	2.47
Lsd/sig	9.04	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	86.60	95.35	85.15	92.80
Std. Deviation	3.96	0.07	2.33	0.85
Lsd/sig	5.42	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Time of: ear emergence (julian days)				
Mean	274.25	270.75	270.75	273.00
Std. Deviation	2.50	0.50	0.96 j	0.82
Lsd/sig	2.96	P≤0.01	P≤0.01	ns

Prior Applications and Sales: Nil**Description: Andrew Cecil, Roseworthy, SA, 5371**



Durum wheat (*Triticum turgidum*) variety 'AGT-Rimfire' with comparators 'DBA Vittaroi', 'EGA Bellaroi' and 'DBA Mataroi'

Details of Application

Application Number	2025/093
Variety Name	'AGT-Kudos'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	03-Jul-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates; the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: a cross was made at Plant Breeding Institute (PBI), Narrabri in 2016 resulting in a population coded N16:117. The population was selfed from F1 to F5 generations and grown in

AGT summer nurseries, DAFFQ root lesion nematode nursery at Formartin and the field at PBI and Sunville, Narrabri, with selection for plant type, maturity, root lesion nematode (*P. thornei*) tolerance and rust resistances. In 2018, subsamples of single plants were genotyped, these lines were selected for grain yield, multiple disease resistances and milling quality based on GS predictions. Surviving lines then entered into AGT's agronomic, disease and quality testing network across: New South Wales, Queensland, Victoria, South Australia and Western Australia. In 2021 a selection was identified which became SUN1232H. In 2024, SUN1232H entered the National Variety Trials (NVT) across Queensland and New South Wales. Seed purification began in 2022 and this seed was used as the source for commercial seed multiplication. Breeders: Dr Meiqin Lu and Mr Thomas Kapcejevs, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	White
Flag leaf	Anthocyanin colouration of auricles	Absent or weak
Straw	Pith in cross section	Thin
Ear	Scurs or awns	Awns present
Ear	Colour	White
Ear	Time of emergence	Medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sundancer'	Matches all 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
'Coolah'	Flag leaf: anthocyanin colouration of auricles	Absent	Strong	
'LRPB Raider'	Plant: growth habit	Semi-erect	Semi-prostrate	
'Sunflex'	Time of: ear emergence	Medium	Late	
'Leverage'	Flag leaf: anthocyanin coloration of auricles	Absent	Medium	
'LRPB Lancer'	Plant: growth habit	Semi-erect	Prostrate	

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

Organ/Plant Part: Context	'AGT-Kudos'	'Sundancer'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> Plant: growth habit	semi-erect	Semi-erect to intermediate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak
<input type="checkbox"/> Ear: time of emergence	medium	medium
<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium	medium

<input type="checkbox"/> Flag Leaf: glaucosity of blade	weak	weak to medium
<input type="checkbox"/> Ear: glaucosity	weak	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	weak to medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin
<input checked="" type="checkbox"/> Ear: density	medium	very lax to lax
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	medium
<input type="checkbox"/> Ear: colour	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	parallel sided	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small to small	medium
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly elevated
<input type="checkbox"/> Lower glume: length of beak	medium	medium to long
<input type="checkbox"/> Lower glume: shape of beak	straight to slightly curved	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Kudos'	'Sundancer'
<input checked="" type="checkbox"/> Ear: Length (mm)		
Mean	95.20	105.80
Std. Deviation	2.97	1.84
Lsd/sig	5.15	p≤0.01
<input checked="" type="checkbox"/> Plant: Length (cm)		
Mean	92.70 cm	99.75 cm
Std. Deviation	2.40 cm	2.33 cm
Lsd/sig	4.58	p≤0.01

Prior Applications and Sales: Nil

Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) "AGT-Kudos" with comparator 'Sundancer'

Details of Application

Application Number	2025/094
Variety Name	'AGT-Rio'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	03-Jul-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pynex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

A cross was made to produce the F1 V14120 and this was then crossed to 'Scepter' resulting in a population coded V15019. This was selfed and at F3 a selection was taken and evaluated until 2024

for grain yield, grain quality, disease reaction and maturity across AGT's sites in Queensland, New South Wales, Victoria, South Australia and Western Australia. It entered the National Variety Testing program in 2024. It received a grain quality classification from Grains Australia in 2024. Seed purification began in 2021 and this seed was used as the source for commercial seed production. Breeders: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	tapering
Seasonal	type	spring type
Seed	colour	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Beckom'	Matches all grouping characteristics
'Sunmaster'	Matches all grouping characteristics
'LRPB Hellfire'	Matches all 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
'Scepter'	Plant: resistance to stripe rust	Moderately resistant	susceptible	
'Coolah'	Plant: length	Short to medium	Long	
'LRPB Matador'	Plant: growth habit	Semi-erect	Erect	

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

Organ/Plant Part: Context	'AGT-Rio'	'Beckom'	'LRPB Hellfire'	'Sunmaster'
<input type="checkbox"/> Seed: colour	white	white	white	white
<input checked="" type="checkbox"/> Plant: growth habit	semi erect	erect to semi erect	intermediate	erect to semi erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium	medium	low to medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium to strong	medium	medium	medium to strong
<input checked="" type="checkbox"/> Flag Leaf: glaucosity of blade	medium	medium	weak	weak to medium
<input checked="" type="checkbox"/> Ear: glaucosity	medium	medium	medium to strong	weak

<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium	medium
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin	thin
<input checked="" type="checkbox"/> Ear: density	lax to medium	medium to dense	very lax to lax	lax
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	short to medium	medium	medium
<input type="checkbox"/> Ear: colour	white	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	medium	absent or very small	absent or very small to small	small to medium
<input type="checkbox"/> Lower glume: shoulder width	narrow	absent or very narrow to narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping	slightly sloping to horizontal	horizontal to slightly elevated
<input checked="" type="checkbox"/> Lower glume: length of beak	medium to long	medium	long to very long	medium to long
<input type="checkbox"/> Lower glume: shape of beak	moderately curved to strongly curved	straight	slightly curved	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Rio'	'Beckom'	'LRPB Hellfire'	'Sunmaster'
<input checked="" type="checkbox"/> Time of: Ear emergence (Julian days)				
Mean	273.00	272.00	269.67	274.00
Std. Deviation	0.00	1.00	0.58	0.00
Lsd/sig	2.12	ns	p≤0.01	ns
<input checked="" type="checkbox"/> Plant: Length (cm)				
Mean	89.05	86.70	96.25	98.00
Std. Deviation	1.34	1.56	3.46	1.41
Lsd/sig	4.58	ns	p≤0.01	p≤0.01

Prior Applications and Sales: Nil

Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.



Bread wheat (*Triticum aestivum*) 'AGT-Rio' with comparators 'Beckom', 'Sunmaster' and 'LRPB Hellfire'

Details of Application

Application Number	2025/095
Variety Name	'AGT-Montana'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Accepted Date	03-Jul-2025
Applicant	Australian Grain Technologies Pty Ltd, 20 Leitch Rd, Roseworthy, SA 5371.
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/3/12 Rev.
Period	June-December 2025
Conditions	A comparative trial was sown at "Kabinga" the trial site for AGT Wagga Wagga. In the previous year the trial area carried a canola crop which was harvested for grain. The bay had access to flood irrigation and was pre-irrigated for sowing and watered throughout the season to maintain optimal growth. Pre-seeding herbicides Roundup Ultramax (2.0 L/ha), Voraxor (0.1 L/ha), Callisto (0.2 L/ha), Mateno Complete (1.0 L/ha), Ammonium Sulphate (1.0 kg/100L) and Hasten (1.0 L/100L) were applied. The trial was sown on 2nd of June and 80kg MAP treated with Flutriafol 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 18th August with Precept (2.0 L/ha), Axial Xtra (0.6 L/ha) and Lontrel 750 (0.12 kg/ha) to control weeds, Pyrinex Super insecticide was added (1.0 L/ha) for insect control, Supa Trace fertiliser (4.0 L/ha) was added to aid in plant nutrition and Soprano fungicide (0.125 L/ha) was added for disease prevention. On the 19th August a second fungicide Prosaro (0.3 L/ha) and insecticide Versys (0.05 L/ha) were applied with a wetting agent. A final fungicide Revystar (0.75 L/ha) was applied on 15th October. 100 L/ha of liquid N fertiliser was applied on 20th March with a further 200 L/ha applied on the 7th August. The trial was harvested on 19th December 2025.
Trial Design	Randomised block design of 3 blocks and 46 entries consisting of comparators and potential candidates. Sown in 23 ranges of 6 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.5 m wide (5 rows) and 2.7m long. There were approximately 800 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from two replicates; the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "RStudio" software.

Origin and Breeding

Controlled pollination: a cross was made between 'LRPB Trojan' and 'Beckom' resulting in an F1 V15009 and subsequently crossed to Beckon to produce a population coded V15108. This was selfed

and at F3 a selection was taken and evaluated until 2024 for grain yield, grain quality, disease reaction and maturity across AGT's sites in Queensland, New South Wales, Victoria, South Australia and Western Australia. It entered the National Variety Testing program in 2024. It received a grain quality classification from Grains Australia in 2025. Seed purification began in 2021 and this seed was used as the source for commercial seed production. Breeders: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, 20 Leitch Road Roseworthy SA 5371.

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	White
Flag leaf	Anthocyanin colouration of auricles	Absent or weak
Ear	Scurs or awns	Awns present
Ear	Colour	White
Straw	Pith in cross section	Thin
Seasonal	Type	Spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Beckom'	Matches all grouping characteristics
'Vixen'	Matches all 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
'Sunmaster'	Time of: ear emergence	Very early to early	Medium to late	
'LRPB Hellfire'	Time of: ear emergence	Very early to early	Early to medium	
'LRPB Trojan'	Time of: ear emergence	Very early to early	Medium to late	
'Scepter'	Time of: ear emergence	Very early to early	Medium	
'Coolah'	Time of: ear emergence	Very early to early	Late	
'LRPB Matador'	Time of: ear emergence	Very early to early	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	'AGT-Montana'	'Beckom'	'Vixen'
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	erect to semi-erect	erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium	low to medium
<input type="checkbox"/> Flag Leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Flag Leaf: glaucosity of sheath	medium	medium	medium to strong
<input type="checkbox"/> Flag Leaf: glaucosity of blade	medium	medium	medium
<input checked="" type="checkbox"/> Ear: glaucosity	medium to strong	medium	weak to medium

<input type="checkbox"/> Culm: glaucosity of neck	medium to strong	medium	medium to strong
<input type="checkbox"/> Lower glume: hairiness on external surface	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> Ear: density	medium to dense	medium to dense	medium
<input type="checkbox"/> Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> Ear: length of scurs or awns	medium	short to medium	medium
<input type="checkbox"/> Ear: colour	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering
<input checked="" type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	small to medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	absent or very narrow	absent or very narrow to narrow	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	strongly sloping to slightly sloping	slightly sloping	slightly sloping to horizontal
<input type="checkbox"/> Lower glume: length of beak	medium to long	medium	medium to long
<input checked="" type="checkbox"/> Lower glume: shape of beak	straight	straight	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> Plant: seasonal type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'AGT-Montana'	'Beckom'	'Vixen'
<input checked="" type="checkbox"/> Time of: Ear emergence (Julian days)			
Mean	266.33	272.00	268.00
Std. Deviation	0.58	1.00	1.00
Lsd/sig	2.12	p≤0.01	ns
<input checked="" type="checkbox"/> Ear: Length (mm)			
Mean	95.35	85.15	94.95
Std. Deviation	2.62	2.33	0.07
Lsd/sig	5.15	p≤0.01	ns
<input checked="" type="checkbox"/> Plant: Length (cm)			
Mean	94.15	86.70	86.25
Std. Deviation	1.91	1.56	1.06
Lsd/sig	4.58	p≤0.01	p≤0.01

Prior Applications and Sales: Nil**Description: Andrew Cecil, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371.**



Bread wheat (*Triticum aestivum*) 'AGT-Montana' with comparators 'Beckom' and 'Vixen'

Details of Application

Application Number	2025/180
Variety Name	'KISMET'
Genus Species	<i>Cucumis sativus</i>
Common Name	Cucumber
Accepted Date	20-Oct-2025
Applicant	Seminis Vegetable Seeds, Inc., St. Louis, Missouri, USA
Agent	Monsanto Australia Pty Ltd, Hawthorn, VIC, Australia
Qualified Person	David Campbell

Details of Comparative Trial

Location	Lawes, QLD
Descriptor	Cucumber, Gherkin (<i>Cucumis sativus</i> L.) TG/61/7 Rev. 3
Period	October - December 2025
Conditions	This trial was planted under glasshouse conditions: Irrigation applied
Trial Design	Completely randomized trial design: 2 rows; one complete (70 plant) and one with 50 plants. Total 170 plants. Sections in these two rows accommodated 3 blocks of 30 plants and allowed for border plants (2 blocks in one row and one block in second row). For 3 cultivars, each plot contained 10 plants (replicates). Plots were randomized in each block
Measurements	Measurements in accordance with technical guidelines taken at harvest maturity (when first flush of fruit reaches marketable size)
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Hybrid 'Kismet' was developed from an initial cross between two proprietary Seminis inbred cucumber lines in 2016. The parent inbreds were created by crossing followed by selfing and single plant selection. 'Kismet' was selected for yield, fruit quality, fruit uniformity, and open plant architecture. Breeders: Cyrille Zini and Bruno Sipeyre, Seminis Vegetable Seeds, Inc., St. Louis, Missouri, 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	sex expression	subgynoecious
Leaf	intensity of green colour	medium
Fruit	ground colour of skin	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bazelet'	

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

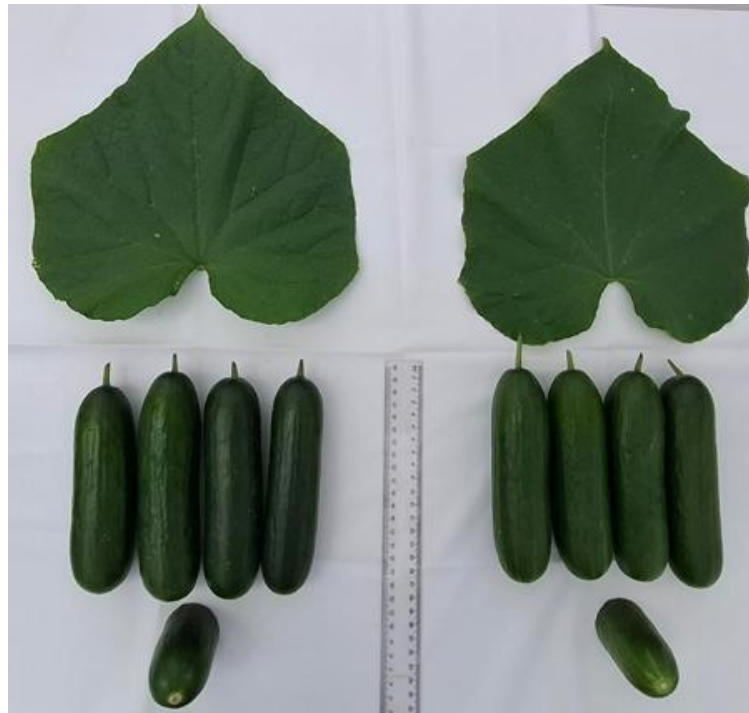
Organ/Plant Part: Context	'KISMET'	'Bazelet'
----------------------------------	-----------------	------------------

<input type="checkbox"/>	Cotyledon: bitterness	present	present
<input type="checkbox"/>	Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/>	Leaf blade: attitude	horizontal	horizontal
<input checked="" type="checkbox"/>	Leaf blade: shape of apex of terminal lobe	right-angled	acute
<input type="checkbox"/>	Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/>	Leaf blade: blistering	weak	weak
<input type="checkbox"/>	Leaf blade: undulation of margin	absent or weak	moderate
<input type="checkbox"/>	Leaf blade: dentation of margin	very weak	very weak
<input type="checkbox"/>	Plant: sex expression	subgynoecious	subgynoecious
<input type="checkbox"/>	Plant: number of female flowers per node	predominantly two or three	predominantly three or four
<input type="checkbox"/>	Ovary: colour of vestiture	white	white
<input type="checkbox"/>	Fruit: parthenocarpy	absent	absent
<input type="checkbox"/>	Fruit: shape in transverse section	round	round
<input type="checkbox"/>	Fruit: ground colour of skin at market stage	green	green
<input type="checkbox"/>	Fruit: intensity of ground colour of skin (as for 25)	dark to very dark	medium
<input type="checkbox"/>	Fruit: ribs	medium	medium
<input type="checkbox"/>	Fruit: sutures	present	present
<input type="checkbox"/>	Fruit: creasing	present	present
<input checked="" type="checkbox"/>	Fruit: degree of creasing	medium to strong	weak to medium
<input type="checkbox"/>	Fruit: type of vestiture	hairs only	hairs only
<input type="checkbox"/>	Fruit: density of vestiture	very sparse	very sparse to sparse
<input type="checkbox"/>	Fruit: colour of vestiture	white	white
<input type="checkbox"/>	Fruit: warts	absent	absent
<input checked="" type="checkbox"/>	Fruit: length of stripes	absent or very short to short	short
<input type="checkbox"/>	Fruit: dots	absent	absent
<input type="checkbox"/>	Fruit: glaucosity	absent or very weak	absent or very weak
<input type="checkbox"/>	Resistance to: <i>Cucumber mosaic virus</i> (CMV)	highly resistant	moderately resistant
<input type="checkbox"/>	Resistance to: Powdery mildew (<i>Podosphaera xanthii</i>) (Px)	moderately resistant	highly resistant
<input type="checkbox"/>	Resistance to: <i>Cucumber vein yellowing virus</i> (CVYV)	present	present
<input type="checkbox"/>	Resistance to: <i>Zucchini yellow mosaic virus</i> (ZYMV)	present	present

Statistical Table

Organ/Plant Part: Context	'KISMET'	'Bazelet'
<input type="checkbox"/> Fruit: peduncle length (mm)		
Mean	56.71	59.86
Std. Deviation	5.80	9.00
Lsd/sig		ns
<input type="checkbox"/> Leaf: blade length (cm)		
Mean	21.94	21.12
Std. Deviation	1.25	1.12
Lsd/sig		ns
<input type="checkbox"/> Fruit: length (cm)		
Mean	15.85	16.83
Std. Deviation	0.78	0.84
Lsd/sig		ns
<input type="checkbox"/> Fruit: diameter (cm)		
Mean	4.36	4.12
Std. Deviation	0.23	0.17
Lsd/sig		ns
<input type="checkbox"/> Fruit: core diameter (cm)		
Mean	2.41	2.38
Std. Deviation	0.15	0.19
Lsd/sig		ns

Prior Applications: Nil**First sold in Australia in September 2024, and Turkey in February 2022****Description: David Campbell, Bargara, QLD, 4670.**



'KISMET'

'Bazelet'

Cucumber (*Cucumis sativus*) – Candidate 'KISMET'
with comparator 'Bazelet'

Details of Application

Application Number	2025/181
Variety Name	'SRA43'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	12-Sep-2025
Applicant	Sugar Research Australia, Brisbane, QLD, Australia
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 9 October 2024; Descriptions taken 12-13 August 2025.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200 kg/ha at planting and Side dress 3 (351Kg/Ha) applied to total 130N 20P 100K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15Kg/ha (canegrub control). Herbicides Residual Weed Control: 3 L/ha Stomp and 1.5 kg/ha Atradex 17/10/2024 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2007 between the seed parent 'Q170' and the pollen parent 'QC90-289'. Seed was collected from the pollinated female inflorescences and stored for germination in 2010. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Herbert station and sites within the sugarcane growing areas in the Northern sugarcane growing region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia, Brisbane, 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
Internode	cross-section	circular

Internode	colour where not exposed to sun	yellow-green
-----------	---------------------------------	--------------

Most Similar Varieties of Common Knowledge identified (VCK)

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

‘SRA9’

‘Q232’

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

Organ/Plant Part: Context	‘SRA43’	‘Q232’	‘SRA9’
<input type="checkbox"/> *Internode: shape	slightly conoidal	slightly conoidal	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152B&C; greyed-yellow 160B&C; greyed-orange 176B	yellow-green 152B; greyed-yellow 160A; greyed-purple 183B.	greyed-red 178A; yellow-green 152B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 153B; greyed-yellow 160A	yellow-green 152B; 144A	yellow-green 152C&D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	weak	moderate
<input type="checkbox"/> Internode: waxiness	weak to medium	weak	weak
<input checked="" type="checkbox"/> Node: wax ring	wide	narrow	narrow
<input checked="" type="checkbox"/> *Node: shape of bud	round to ovate	ovate	triangular-pointed and ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	medium to strong
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	shallow to medium	absent or very shallow
<input checked="" type="checkbox"/> Node: length of bud groove	short	medium to long	
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	absent or very narrow	narrow	absent or very narrow
<input type="checkbox"/> Node: width of bud wing	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	medium	absent or very few	absent or very few
<input checked="" type="checkbox"/> Leaf sheath: length of hairs	medium to long		short
<input checked="" type="checkbox"/> Leaf sheath: distribution of hairs	lateral and dorsal		only dorsal
<input type="checkbox"/> Leaf sheath: shape of ligule	crescent-shaped	deltoid	crescent-shaped

<input type="checkbox"/> Leaf sheath: ligule width	medium	medium	medium
<input type="checkbox"/> Leaf sheath: length of ligule hairs	short to medium	short to medium	short to medium
<input type="checkbox"/> Leaf sheath: density of ligule hairs	medium	medium	medium
<input checked="" type="checkbox"/> Leaf sheath: shape of underlapping auricle	transitional	falcate	lanceolate
<input checked="" type="checkbox"/> Leaf sheath: shape of overlapping auricle	transitional	transitional	lanceolate

Statistical Table

Organ/Plant Part: Context	'SRA43'	'Q232'	'SRA9'
<input checked="" type="checkbox"/> Stem: culm height (mm)			
Mean	2599.30	2247.31	2993.40
Std. Deviation	133.70	224.46	216.20
Lsd/sig	318.7	ns	p≤0.01
<input type="checkbox"/> Internode: diameter (mm)			
Mean	24.30	23.54	23.00
Std. Deviation	2.00	2.84	2.10
Lsd/sig	2.6	ns	ns
<input type="checkbox"/> Node: width of root band (mm)			
Mean	8.10	7.94	7.70
Std. Deviation	1.50	1.21	0.80
Lsd/sig	1.6	ns	ns
<input type="checkbox"/> Node: width of bud, excluding wings (mm)			
Mean	7.00	8.17	6.14
Std. Deviation	0.80	1.11	0.78
Lsd/sig	1.2	ns	ns
<input checked="" type="checkbox"/> Node: length of bud (mm)			
Mean	7.30	9.42	7.23
Std. Deviation	0.80	1.28	0.90
Lsd/sig	1.3	p≤0.01	ns
<input type="checkbox"/> Node: ratio: bud width/bud length			
Mean	1.00	0.87	0.85
Std. Deviation	0.10	0.10	0.11
Lsd/sig	0.1	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	273.40	356.53	282.72
Std. Deviation	18.70	37.10	28.96
Lsd/sig	32.2	p≤0.01	ns
<input type="checkbox"/> Internode: length on the bud side (cm)			
Mean	14.60	15.00	16.36
Std. Deviation	1.70	1.35	1.61
Lsd/sig	2.3	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width at the longitudinal mid-point (mm)			
Mean	48.90	49.88	41.17

Std. Deviation	3.80	3.81	3.30
Lsd/sig	4.3	ns	p≤0.01
<input type="checkbox"/> Leaf: midrib width (mm)			
Mean	4.00	3.73	3.40
Std. Deviation	1.30	0.30	0.53
Lsd/sig	1.1	ns	ns
<input type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	13.40	12.96	12.16
Std. Deviation	3.60	2.12	1.42
Lsd/sig	3.2	ns	ns
<input checked="" type="checkbox"/> Leaf blade: lamina length (mm)			
Mean	1360.70	1613.85	1419.66
Std. Deviation	81.50	122.72	88.98
Lsd/sig	100.8	p≤0.01	ns

Prior Applications and Sales: Nil

Description: George Piperidis, Brisbane, QLD 4000



Sugarcane (*Saccharum* hybrid) 'SRA43' with comparators 'Q232' and 'SRA9'

Details of Application

Application Number	2025/182
Variety Name	'SRAW46'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	22-Sep-2025
Applicant	Sugar Research Australia, Brisbane, QLD, Australia, and Wilmar Sugar Pty Ltd, Townsville, QLD, Australia.
Agent	Sugar Research Australia
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 9 October 2024; Descriptions taken 12-13 August 2025.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200 kg/ha at planting and Side dress 3 (351Kg/Ha) applied to total 130N 20P 100K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15Kg/ha (canegrub control). Herbicides Residual Weed Control: 3L/ha Stomp and 1.5 kg/ha Atradox 17/10/2024 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2010 between the seed parent 'Q208' and the pollen parent 'N29'. Seed was collected from the pollinated female inflorescences and stored for germination in 2014. The variety has since been evaluated and selected by Sugar Research Australia and Wilmar in yield trials on the Ayr stations and sites within the sugarcane growing areas in the Burdekin sugarcane growing regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia, Brisbane, QLD, and Wilmar Sugar Pty Ltd, Townsville, 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
-------------------------	----------------	--

Internode	cross-section	circular
Internode	color where not exposed to sun	yellow-green
Node	shape of bud	ovate

Most Similar Varieties of Common Knowledge identified (VCK)**Name** **Comments**

'Q183'

'Q240'

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

Organ/Plant Part: Context	'SRAW46'	'Q183'	'Q240'
<input checked="" type="checkbox"/> *Internode: shape	bobbin-shaped and slightly concave-convex	concave-convex	cylindrical
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152C&D; greyed-purple 184A; greyed-yellow 162B	greyed-purple 183A&C, 184B; yellow-green 152B&C	yellow-green 152A; greyed-purple 184A; greyed-red 178A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 152C&D; greyed-yellow 160A&B	yellow-green N144A; 144C	yellow-green 152B&C; N144A
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	very shallow to shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate	weak
<input type="checkbox"/> Internode: waxiness	weak to medium	weak to medium	medium to strong
<input checked="" type="checkbox"/> Node: wax ring	wide	wide	narrow to medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate
<input type="checkbox"/> Node: bud prominence	weak to medium	medium	weak
<input type="checkbox"/> Node: depth of bud groove	shallow to medium	shallow	shallow
<input type="checkbox"/> Node: length of bud groove	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/> Node: bud tip in relation to growth ring	clearly below	intermediate and clearly below	intermediate
<input type="checkbox"/> Node: bud cushion	very narrow to narrow	narrow to medium	narrow to medium
<input type="checkbox"/> Node: width of bud wing	narrow to medium	medium	narrow
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	medium	few to medium	absent or very few
<input type="checkbox"/> Leaf sheath: length of hairs	medium to long	short to medium	
<input type="checkbox"/> Leaf sheath: distribution of hairs	only dorsal	only dorsal	
<input type="checkbox"/> Leaf sheath: shape of ligule	deltoid	crescent-shaped	crescent-shaped

<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium to wide	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	medium	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	transitional	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small to medium		medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	deltoid	transitional	lanceolate
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small		small

Statistical Table

Organ/Plant Part: Context	'SRAW46'	'Q183'	'Q240'
<input type="checkbox"/> Stem: culm height (mm)			
Mean	2646.20	2332.07	2506.20
Std. Deviation	174.67	239.95	292.71
Lsd/sig	318.74	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)			
Mean	22.20	24.09	26.88
Std. Deviation	1.38	2.53	2.44
Lsd/sig	2.64	ns	p≤0.01
<input type="checkbox"/> Node: width of root band (mm)			
Mean	9.15	10.38	8.13
Std. Deviation	1.08	1.44	1.17
Lsd/sig	1.58	ns	ns
<input type="checkbox"/> Node: width of bud, excluding wings (mm)			
Mean	6.58	6.80	7.16
Std. Deviation	0.98	0.89	0.82
Lsd/sig	1.20	ns	ns
<input type="checkbox"/> Node: length of bud (mm)			
Mean	7.24	7.38	8.11
Std. Deviation	1.05	1.26	1.06
Lsd/sig	1.27	ns	ns
<input type="checkbox"/> Node: ratio: bud width/bud length			
Mean	0.92	0.94	0.88
Std. Deviation	0.08	0.13	0.08
Lsd/sig	0.12	ns	ns
<input type="checkbox"/> Leaf sheath: length (mm)			
Mean	298.27	328.57	317.96
Std. Deviation	16.70	39.99	22.02
Lsd/sig	32.23	ns	ns

<input type="checkbox"/>	Internode: length on the bud side (cm)			
Mean		15.40	16.21	14.45
Std. Deviation		1.10	2.54	1.55
Lsd/sig		2.30	ns	ns
<input type="checkbox"/>	Leaf blade: width at the longitudinal mid-point (mm)			
Mean		45.54	45.33	42.54
Std. Deviation		4.29	4.30	4.29
Lsd/sig		4.31	ns	ns
<input type="checkbox"/>	Leaf: midrib width (mm)			
Mean		3.90	3.63	3.19
Std. Deviation		0.55	0.53	0.46
Lsd/sig		1.13	ns	ns
<input type="checkbox"/>	Leaf: ratio leaf blade width/midrib width			
Mean		11.85	12.86	13.41
Std. Deviation		1.95	1.94	1.62
Lsd/sig		3.24	ns	ns
<input checked="" type="checkbox"/>	Leaf blade: lamina length (mm)			
Mean		1438.96	1570.33	1548.51
Std. Deviation		90.21	119.31	88.60
Lsd/sig		100.83	p≤0.01	p≤0.01

Prior Applications and Sales: Nil

Description: George Piperidis, Brisbane, QLD 4000.



Sugarcane (*Saccharum* hybrid) 'SRAW46' with comparators 'Q240' and 'Q183'

Details of Application

Application Number	2025/183
Variety Name	'SRA45'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	12-Sep-2025
Applicant	Sugar Research Australia, Brisbane, QLD, Australia
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 9 October 2024; Descriptions taken 12-13 August 2025.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200 kg/ha at planting and Side dress 3 (351 Kg/Ha) applied to total 130N 20P 100K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15 Kg/ha (canegrub control). Herbicides Residual Weed Control: 3 L/ha Stomp and 1.5 kg/ha Atradex 17/10/2024 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2005 between the seed parent 'QN85-2770' and the pollen parent 'QN83-657'. Seed was collected from the pollinated female inflorescences and stored for germination in 2006. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Broadwater stations and sites within the sugarcane growing areas in the NSW region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia, Brisbane, 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
Internode	cross-section	circular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q200'	
'Q252'	
'Q183'	

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

Organ/Plant Part: Context	'SRA45'	'Q183'	'Q200'	'Q252'
<input checked="" type="checkbox"/> *Internode: shape	conoidal	concave-convex	slightly conoidal	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular to ovate	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	greyed-purple 185A, 184B; red -purple 59A	greyed-purple 183A&C, 184B; yellow-green 152B&C	greyed-purple 187A,B&C; red -purple 59A; yellow-green 152A	yellow-green 152C&D; greyed-orange 176B
<input checked="" type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	greyed-purple 183A, 184A; greyed-orange 166A&B; 165B	yellow-green N144A; 144C	greyed-purple 183A	yellow-green 151A; 153B&C
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	very shallow to shallow	absent or very shallow	shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate	weak	weak to moderate
<input type="checkbox"/> Internode: waxiness	weak	weak to medium	medium	medium
<input type="checkbox"/> Node: wax ring	wide	wide	wide	medium
<input checked="" type="checkbox"/> *Node: shape of bud	ovate	ovate	rhomboid to ovate	round
<input type="checkbox"/> Node: bud prominence	weak to medium	medium	weak	weak to medium
<input checked="" type="checkbox"/> Node: depth of bud groove	absent or very shallow	shallow	shallow	medium
<input checked="" type="checkbox"/> Node: length of bud groove	short	medium to long	medium to long	long
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate and clearly below	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	absent or very narrow	narrow to medium	absent or very narrow	absent or very narrow
<input type="checkbox"/> Node: width of bud wing	narrow to medium	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	very few to few	few to medium	medium to many	few to medium
<input type="checkbox"/> Leaf sheath: length of hairs	medium	short to medium	medium	medium

<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium to wide	medium	medium
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short	medium	short	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	sparse to medium	sparse to medium	medium	sparse
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	deltoid	transitional	deltoid	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small			medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	deltoid

Statistical Table

Organ/Plant Part: Context	'SRA45'	'Q183'	'Q200'	'Q252'
<input checked="" type="checkbox"/> Stem: culm height (mm)				
Mean	2902.33	2332.07	2472.03	2603.83
Std. Deviation	209.86	239.95	254.91	206.79
Lsd/sig	318.74	p≤0.01	p≤0.01	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	20.91	24.09	22.03	23.28
Std. Deviation	2.45	2.53	2.03	1.59
Lsd/sig	2.64	p≤0.01	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	6.79	10.38	9.85	7.39
Std. Deviation	1.52	1.44	1.24	1.19
Lsd/sig	1.58	p≤0.01	p≤0.01	ns
<input type="checkbox"/> Node: width of bud, excluding wings (mm)				
Mean	7.04	6.80	6.64	6.92
Std. Deviation	0.97	0.89	0.79	0.60
Lsd/sig	1.20	ns	ns	ns
<input type="checkbox"/> Node: Length of bud (mm)				
Mean	8.08	7.38	7.84	7.13
Std. Deviation	0.94	1.26	1.18	1.12
Lsd/sig	1.27	ns	ns	ns
<input type="checkbox"/> Node: ratio: bud width/bud length				
Mean	0.86	0.94	0.84	0.98
Std. Deviation	0.10	0.13	0.09	0.13
Lsd/sig	0.12	ns	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)				
Mean	341.16	328.57	267.37	297.33

Std. Deviation	16.69	39.99	34.31	23.98
Lsd/sig	32.23	ns	p≤0.01	p≤0.01

 Internode: length on the bud side (cm)

Mean	15.03	16.21	16.06	16.36
Std. Deviation	1.53	2.54	1.57	1.97
Lsd/sig	2.30	ns	ns	ns

 Leaf blade: width at the longitudinal mid-point (mm)

Mean	42.11	45.33	41.61	39.88
Std. Deviation	2.65	4.30	3.78	3.39
Lsd/sig	4.31	ns	ns	ns

 Leaf: midrib width (mm)

Mean	4.52	3.63	3.97	3.76
Std. Deviation	0.80	0.53	0.62	0.38
Lsd/sig	1.13	ns	ns	ns

 Leaf: ratio leaf blade width/midrib width

Mean	9.67	12.86	10.53	10.68
Std. Deviation	1.89	1.94	1.50	1.34
Lsd/sig	3.24	ns	ns	ns

 Leaf blade: lamina length (mm)

Mean	1553.16	1570.33	1423.21	1340.00
Std. Deviation	94.99	119.31	100.29	74.92
Lsd/sig	100.83	ns	p≤0.01	p≤0.01

Prior Applications and Sales: Nil

Description: George Piperidis, Brisbane, QLD 4000



Sugarcane (*Saccharum* hybrid) 'SRA45' with comparators 'Q183' 'Q252' and 'Q200'

Details of Application

Application Number	2025/184
Variety Name	'SRA47'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	12-Sep-2025
Applicant	Sugar Research Australia, Brisbane, QLD.
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 9 October 2024; Descriptions taken 12-13 August 2025.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200 kg/ha at planting and Side dress 3 (351 Kg/Ha) applied to total 130N 20P 100K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15 Kg/ha (canegrub control). Herbicides Residual Weed Control: 3 L/ha Stomp and 1.5 kg/ha Atradox 17/10/2024 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2008 between the seed parent 'QN96-610' and the pollen parent 'QS96-2026'. Seed was collected from the pollinated female inflorescences and stored for germination in 2011. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing areas in the Southern sugarcane growing regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited, Brisbane, QLD.

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

Organ/Plant Context	State of Expression in Group of Varieties
Part	
Internode	color where not exposed to sun yellow-green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q235'	
'Q242'	

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

Organ/Plant Part: Context	'SRA47'	'Q235'	'Q242'
<input checked="" type="checkbox"/> *Internode: shape	slightly concave-convex	concave-convex	Cylindrical to concave-convex
<input type="checkbox"/> Internode: cross-section	circular	ovate	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152C&D; greyed-red 182B; greyed-purple 183C; greyed -yellow 162C	yellow-green 151A, 153C; greyed-yellow 160A; greyed -orange 176C	greyed-red 180A; yellow-green 153B; greyed-yellow 161A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A; 153A greyed-yellow 160B	yellow-green 152B; 153D; greyed-yellow & D; greyed-160A	yellow-green 152C yellow 160A.
<input checked="" type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	medium to deep
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate to strong	weak to moderate
<input type="checkbox"/> Internode: waxiness	very weak to weak	weak	weak
<input checked="" type="checkbox"/> Node: wax ring	wide	medium	absent or very narrow
<input checked="" type="checkbox"/> *Node: shape of bud	ovate	ovate	triangular-pointed and ovate
<input type="checkbox"/> Node: depth of bud groove	shallow to medium	shallow to medium	shallow to medium
<input type="checkbox"/> Node: length of bud groove	short to medium	medium	medium
<input type="checkbox"/> Node: bud tip in relation to growth ring	clearly above and intermediate	intermediate	Intermediate and clearly above
<input type="checkbox"/> Node: bud cushion	absent or very narrow	narrow to medium	narrow to medium
<input type="checkbox"/> Node: width of bud wing	medium to wide	narrow to medium	narrow
<input type="checkbox"/> Leaf sheath: number of hairs	absent or very few	absent or very few	absent or very few
<input type="checkbox"/> Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped and deltoid	crescent-shaped
<input type="checkbox"/> Leaf sheath: ligule width	medium	medium	medium to wide
<input checked="" type="checkbox"/> Leaf sheath: length of ligule hairs	short	medium	medium to long
<input type="checkbox"/> Leaf sheath: density of ligule hairs	medium	medium	medium to dense
<input checked="" type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	transitional	transitional

Leaf sheath: size of underlapping
auricle small

Leaf sheath: shape of overlapping
auricle transitional transitional transitional

Statistical Table

Organ/Plant Part: Context	'SRA47'	'Q235'	'Q242'
<input type="checkbox"/> Node: length of bud (mm)			
Mean	7.98	8.41	7.46
Std. Deviation	1.11	1.22	1.19
Lsd/sig	1.27	ns	ns
<input type="checkbox"/> Node: ratio: bud width/bud length			
Mean	0.85	0.72	0.72
Std. Deviation	0.13	0.12	0.07
Lsd/sig	0.12	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	327.18	297.30	275.42
Std. Deviation	30.16	18.77	27.35
Lsd/sig	32.23	ns	p≤0.01
<input checked="" type="checkbox"/> Internode: length on the bud side (cm)			
Mean	15.51	18.81	15.50
Std. Deviation	1.86	2.36	1.88
Lsd/sig	2.30	p≤0.01	ns
<input checked="" type="checkbox"/> Leaf blade: width at the longitudinal mid-point (mm)			
Mean	48.44	45.99	37.33
Std. Deviation	2.99	2.61	4.29
Lsd/sig	4.31	ns	p≤0.01
<input checked="" type="checkbox"/> Leaf: midrib width (mm)			
Mean	4.21	4.06	2.37
Std. Deviation	0.41	0.50	0.44
Lsd/sig	1.13	ns	p≤0.01
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	11.57	11.73	15.89
Std. Deviation	1.02	1.47	2.06
Lsd/sig	3.24	ns	p≤0.01
<input checked="" type="checkbox"/> Leaf blade: lamina length (mm)			
Mean	1426.25	1623.33	1231.03
Std. Deviation	67.51	78.54	96.89
Lsd/sig	100.83	p≤0.01	p≤0.01
<input type="checkbox"/> Stem: culm height (mm)			
Mean	2503.12	2737.08	2678.27
Std. Deviation	255.98	209.94	229.97
Lsd/sig	318.74	ns	ns
<input type="checkbox"/> Internode: diameter (mm)			
Mean	24.83	22.60	21.81
Std. Deviation	2.26	2.12	2.02
Lsd/sig	2.64	ns	ns
<input type="checkbox"/> Node: width of root band (mm)			
Mean	7.47	9.11	6.64

Std. Deviation	1.15	1.08	1.00
Lsd/sig	1.58	ns	ns
<input type="checkbox"/> Node: width of bud, excluding wings (mm)			
Mean	6.73	6.03	5.47
Std. Deviation	0.94	0.84	0.79
Lsd/sig	1.20	ns	ns

Prior Applications and Sales: Nil

Description: George Piperidis, Brisbane, QLD 4000.



Sugarcane (*Saccharum* hybrid) 'SRA47' with comparators 'Q242' and 'Q235'

Details of Application

Application Number	2025/185
Variety Name	'SRA48'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Accepted Date	12-Sep-2025
Applicant	Sugar Research Australia, Brisbane, QLD.
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Sugar Research Australia, Peak Downs Highway, Te Kowai, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) UPOV TG/186/1
Period	Planted 9 October 2024; Descriptions taken 12-13 August 2025.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was prepared with minimum till and bed formed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 5 applied 200 kg/ha at planting and Side dress 3 (351 Kg/Ha) applied to total 130N 20P 100K 10S. Pesticide/Insecticides applied at planting: Bumper 35mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), Suscon maxi 15 Kg/ha (canegrub control). Herbicides Residual Weed Control: 3 L/ha Stomp and 1.5 kg/ha Atradex 17/10/2024 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses).
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2010 between the seed parent 'Q208' and the pollen parent 'CP94-1607'. Seed was collected from the pollinated female inflorescences and stored for germination in 2011. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Herbert station and sites within the sugarcane growing areas in the Northern sugarcane growing regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited, Brisbane, 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
Internode	cross-section	circular
Node	color where not exposed to sun	yellow-green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q240'	
'Q253'	

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

Organ/Plant Part: Context	'SRA48'	'Q240'	'Q253'
<input checked="" type="checkbox"/> *Internode: shape	concave-convex	cylindrical	concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152C; greyed-yellow 160A	yellow-green 152A; greyed-purple 184A; greyed-red 178A	yellow-green 152C&D; greyed-orange 176B, 174A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 144A; 152D; greyed-yellow 160A	yellow-green 152B & C; N144A	yellow-green 151A; 152C
<input checked="" type="checkbox"/> Internode: depth of growth crack	medium	absent or very shallow	shallow to medium
<input type="checkbox"/> *Internode: expression of zigzag alignment	very weak to weak	weak	weak to moderate
<input type="checkbox"/> Internode: waxiness	weak	medium to strong	weak to medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate
<input type="checkbox"/> Node: bud prominence	weak	weak	weak to medium
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	shallow	shallow
<input checked="" type="checkbox"/> Node: length of bud groove	short	medium to long	medium
<input type="checkbox"/> Node: bud tip in relation to growth ring	clearly below	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	absent or very narrow	narrow to medium	absent or very narrow
<input type="checkbox"/> Node: width of bud wing	medium to wide	narrow	narrow to medium
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	many to very many	absent or very few	very few to few
<input type="checkbox"/> Leaf sheath: length of hairs	medium to long		short to medium
<input type="checkbox"/> Leaf sheath: distribution of hairs	only dorsal		only dorsal
<input type="checkbox"/> Leaf sheath: shape of ligule	deltoid	crescent-shaped	crescent-shaped and deltoid
<input checked="" type="checkbox"/> Leaf sheath: ligule width	wide	wide	medium
<input type="checkbox"/> Leaf sheath: length of ligule hairs	medium	short	short
<input type="checkbox"/> Leaf sheath: density of ligule hairs	medium	medium	sparse
<input type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	lanceolate

<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	medium to large	medium	small to medium
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small	small	small

Statistical Table

Organ/Plant Part: Context	'SRA48'	'Q240'	'Q253'
<input type="checkbox"/> Stem: culm height (mm)			
Mean	2397.06	2506.20	2623.10
Std. Deviation	132.41	292.71	157.55
Lsd/sig	318.74	ns	ns
<input checked="" type="checkbox"/> Internode: Diameter (mm)			
Mean	23.24	26.88	23.63
Std. Deviation	1.68	2.44	2.18
Lsd/sig	2.64	p≤0.01	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)			
Mean	10.21	8.13	7.94
Std. Deviation	1.25	1.17	0.84
Lsd/sig	1.58	p≤0.01	p≤0.01
<input type="checkbox"/> Node: width of bud, excluding wings (mm)			
Mean	6.23	7.16	6.17
Std. Deviation	0.56	0.82	0.70
Lsd/sig	1.20	ns	ns
<input type="checkbox"/> Node: Length of bud (mm)			
Mean	7.32	8.11	7.49
Std. Deviation	0.80	1.06	0.82
Lsd/sig	1.27	ns	ns
<input type="checkbox"/> Node: ratio: bud width/bud length			
Mean	0.85	0.88	0.84
Std. Deviation	0.08	0.08	0.09
Lsd/sig	0.12	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	341.62	317.96	239.76
Std. Deviation	24.70	22.02	14.59
Lsd/sig	32.23	ns	p≤0.01
<input type="checkbox"/> Internode: length on the bud side (cm)			
Mean	16.09	14.45	14.89
Std. Deviation	1.66	1.55	1.59
Lsd/sig	2.30	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width at the longitudinal mid-point (mm)			
Mean	37.47	42.54	36.57
Std. Deviation	3.23	4.29	2.93
Lsd/sig	4.31	p≤0.01	ns
<input type="checkbox"/> Leaf: midrib width (mm)			

Mean	4.10	3.19	3.42
Std. Deviation	0.52	0.46	0.35
Lsd/sig	1.13	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	9.20	13.41	10.76
Std. Deviation	0.86	1.62	1.06
Lsd/sig	3.24	p≤0.01	ns
<input checked="" type="checkbox"/> Leaf blade: lamina length (mm)			
Mean	1613.44	1548.51	1440.33
Std. Deviation	95.55	88.60	71.60
Lsd/sig	100.83	ns	p≤0.01

Prior Applications and Sales: Nil

Description: George Piperidis, Brisbane, QLD 4000.



Sugarcane (*Saccharum* hybrid) 'SRA48' with comparators 'Q253' and 'Q240'

Details of Application

Application Number	2025/221
Variety Name	'Nova'
Genus Species	<i>Passiflora edulis</i>
Common Name	Passionfruit
Accepted Date	10-Dec-2025
Applicant	ARBOUR GROVE NURSERY PTY LTD, Woombye, QLD, Australia
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, North Lakes, QLD, Australia
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Location	Woombye, Queensland
Descriptor	Granadilla, Passion Fruit (<i>Passiflora edulis</i> Sims) TG/256/1
Period	2025-2026
Conditions	There were no significant conditions affecting this trial.
Trial Design	10 plants of both the variety and comparator were planted in the middle of a commercial passionfruit block. All cultural practices were done as per the commercial planting management.
Measurements	Measurements were taken from 10 plants of both the variety and comparator.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Seed parent Panama Pandora, a vigorous and heavy cropper of large, pulp filled elliptical shape fruit. Good foliar and root disease resistance. Pollen parent Sweetheart purple passionfruit, a medium vigour variety and heavy cropper of medium/small purple fruit. Propagation took place at Arbour Grove Nursery, Woombye QLD and scions were grafted onto vigorous disease resistant rootstocks. Breeders: David and Megan Crowhurst, Arbour Grove Nursery Pty Ltd, Woombye, QLD, 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
Petiole	position of nectaries	adjacent to leaf blade
Fruit	ratio length/diameter	elongated

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sweetheart'	
'Flamenco'	
'AGN/SEN-001'	

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

Organ/Plant Part: Context	'Nova'	'AGN/SEN-001'	'Flamenco'	'Sweetheart'
<input type="checkbox"/> Plant: colour of vine	medium green	medium green	medium green	medium green

<input type="checkbox"/> Leaf blade: length	long	long	long	long
<input type="checkbox"/> *Leaf blade: width	broad	broad	broad	broad
<input type="checkbox"/> Leaf blade: width of terminal lobe	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: depth of sinus	deep	medium	medium	deep
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark	dark	dark
<input type="checkbox"/> Leaf blade: blistering	present	present	present	present
<input checked="" type="checkbox"/> Leaf blade: degree of blistering	weak	medium	weak	weak
<input checked="" type="checkbox"/> Petiole: length	long	long	medium	long
<input type="checkbox"/> Petiole: position of nectaries	adjacent to leaf blade	adjacent to leaf blade	adjacent to leaf blade	adjacent to leaf blade
<input checked="" type="checkbox"/> Flower: length of bract	long	medium	medium	short
<input checked="" type="checkbox"/> Flower: length of sepal	long	medium	short	short
<input checked="" type="checkbox"/> Flower: width of sepal	medium to broad	medium to broad	broad to very broad	narrow to medium
<input type="checkbox"/> Flower: length of petal	medium	medium	medium	medium
<input type="checkbox"/> Flower: width of petal	medium	medium	medium	medium
<input checked="" type="checkbox"/> Flower: intensity of colour of spotted ring in throat	dark	dark	medium	absent or light
<input checked="" type="checkbox"/> Flower: diameter of corona filaments	large	large	medium to large	medium
<input type="checkbox"/> Flower: presence of purple rings on corona filaments	present	present	present	present
<input type="checkbox"/> *Flower: width of purple rings on corona filaments	medium	medium	medium	medium
<input type="checkbox"/> Flower: intensity of colour of purple rings on corona filaments	medium	medium	medium	medium
<input type="checkbox"/> Flower: spots on distal part of corona filaments	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Fruit: length	long	medium	short to medium	short to medium
<input checked="" type="checkbox"/> *Fruit: diameter	large	large	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	elongated	elongated	elongated	elongated
<input checked="" type="checkbox"/> *Fruit: colour of skin	green purple	pink red	green purple	dark purple
<input type="checkbox"/> Fruit: conspicuousness of lenticels	moderately conspicuous	moderately conspicuous	moderately conspicuous	moderately conspicuous

<input type="checkbox"/>	Fruit: thickness of skin	medium	medium	medium	medium
<input type="checkbox"/>	Fruit: size of seed	small	small	small	small
<input type="checkbox"/>	Fruit: colour of funiculus	white yellowish	white yellowish	white yellowish	white yellowish
<input type="checkbox"/>	Fruit: colour of pulp	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/>	Plant: time of first harvest	early	early	medium	medium
<input checked="" type="checkbox"/>	Fruit: time of main harvest	early	early	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Nova'	'AGN/SEN-001'	'Flamenco'	'Sweetheart'
<input checked="" type="checkbox"/> Plant: length of tendrils (current seasons growth)	medium	long	medium	medium
<input type="checkbox"/> *Flower: presence of spotted ring in throat	present	present	present	present
<input type="checkbox"/> Flower: number of spots on distal part of corona filaments	very few	very few	very few	very few
<input type="checkbox"/> Fruit: presence of lenticels	present	present	present	present

Statistical Table

Organ/Plant Part: Context	'Nova'	'AGN/SEN-001'	'Flamenco'	'Sweetheart'
<input checked="" type="checkbox"/> Leaf blade: depth of sinus (mm)				
Mean	52.50	46.63	46.11	47.50
Std. Deviation	5.50	5.50	5.50	5.50
Lsd/sig	5.33	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flower: length of bract (mm)				
Mean	21.71	18.33	18.80	15.00
Std. Deviation	2.49	2.49	2.49	2.49
Lsd/sig	3.05	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length of sepal (mm)				
Mean	33.14	30.17	25.40	26.40
Std. Deviation	2.36	2.36	2.36	2.36
Lsd/sig	2.90	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: width of sepal (mm)				
Mean	11.71	11.83	13.20	10.40
Std. Deviation	0.93	0.93	0.93	0.93
Lsd/sig	1.13	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flower: length of petal (mm)				
Mean	25.00	27.67	23.60	23.00
Std. Deviation	2.39	2.39	2.39	2.39
Lsd/sig	2.93	ns	ns	ns
<input type="checkbox"/> Flower: width of petal (mm)				
Mean	8.71	8.83	9.20	8.60
Std. Deviation	0.57	0.57	0.57	0.57

Lsd/sig	2.09	ns	ns	ns
<input checked="" type="checkbox"/> Flower: diameter of corona filaments (mm)				
Mean	65.86	62.83	59.00	58.20
Std. Deviation	3.36	3.36	3.36	3.36
Lsd/sig	4.12	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: length (mm)				
Mean	73.43	68.71	65.13	66.86
Std. Deviation	4.21	4.21	4.21	4.21
Lsd/sig	4.63	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	65.17	65.00	58.89	57.57
Std. Deviation	3.70	3.70	3.70	3.70
Lsd/sig	4.23	ns	P≤0.01	P≤0.01

Prior Applications: Nil

First sold in Australia in November 2024

Description: Gavin Porter, Kallangur, QLD, 4503



Passionfruit (*Passiflora edulis*) variety 'Nova'

Details of Application

Application Number	2025/222
Variety Name	'AGN/SEN-001'
Genus Species	<i>Passiflora edulis</i>
Common Name	Passionfruit
Accepted Date	10-Dec-2025
Applicant	ARBOUR GROVE NURSERY PTY LTD, Woombye, QLD, Australia
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, North Lakes, QLD, Australia
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Location	Woombye, Queensland
Descriptor	Granadilla, Passion Fruit (<i>Passiflora edulis</i> Sims) TG/256/1
Period	2025-2026
Conditions	There were no significant conditions affecting this trial.
Trial Design	10 plants of both the variety and comparator were planted in the middle of a commercial passionfruit block. All cultural practices were done as per the commercial planting management.
Measurements	Measurements were taken from 10 plants of both the variety and comparator.
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Seedling from a Flamenco, this vine showed promise with regard to disease resistance, vigour and crop load. Pollen parent Sweetheart purple passionfruit, a medium vigour variety and heavy cropper of medium/small purple fruit. Propagation took place at Arbour Grove Nursery, Woombye QLD and scions were grafted onto vigorous disease resistant rootstocks. Breeder: David and Megan Crowhurst, Arbour Grove Nursery Pty Ltd, Woombye, QLD, 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
Petiole	position of nectaries	adjacent to leaf blade
Fruit	ratio length/diameter	elongated

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sweetheart'	
'Flamenco'	
'Nova'	

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

Organ/Plant Part: Context	'AGN/SEN-001'	'Flamenco'	'Nova'	'Sweetheart'
<input type="checkbox"/> Plant: colour of vine	medium green	medium green	medium green	medium green
<input type="checkbox"/> Leaf blade: length	long	long	long	long

<input type="checkbox"/> *Leaf blade: width	broad	broad	broad	broad
<input type="checkbox"/> Leaf blade: width of terminal lobe	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: depth of sinus	medium	medium	deep	medium
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark	dark	dark
<input type="checkbox"/> Leaf blade: blistering	present	present	present	present
<input checked="" type="checkbox"/> Leaf blade: degree of blistering	medium	weak	weak	weak
<input checked="" type="checkbox"/> Petiole: length	long	medium	medium to long	long
<input type="checkbox"/> Petiole: position of nectaries	adjacent to leaf blade	adjacent to leaf blade	adjacent to leaf blade	adjacent to leaf blade
<input checked="" type="checkbox"/> Flower: length of bract	medium	medium	long	short
<input checked="" type="checkbox"/> Flower: length of sepal	medium	short	long	short
<input checked="" type="checkbox"/> Flower: width of sepal	medium to broad	broad to very broad	medium to broad	narrow to medium
<input checked="" type="checkbox"/> Flower: length of petal	long	medium	medium to long	medium
<input type="checkbox"/> Flower: width of petal	medium	medium	medium	medium
<input checked="" type="checkbox"/> Flower: intensity of colour of spotted ring in throat	dark	medium	dark	absent or light
<input checked="" type="checkbox"/> Flower: diameter of corona filaments	large	medium	large	medium
<input type="checkbox"/> Flower: presence of purple rings on corona filaments	present	present	present	present
<input type="checkbox"/> *Flower: width of purple rings on corona filaments	medium	medium	medium	medium
<input type="checkbox"/> Flower: intensity of colour of purple rings on corona filaments	medium	medium	medium	medium
<input type="checkbox"/> Flower: spots on distal part of corona filaments	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Fruit: length	medium	short to medium	long	short to medium
<input checked="" type="checkbox"/> *Fruit: diameter	large	medium	large	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	elongated	elongated	elongated	elongated
<input checked="" type="checkbox"/> *Fruit: colour of skin	pink red	green purple	green purple	dark purple
<input type="checkbox"/> Fruit: conspicuousness of lenticels	moderately conspicuous	moderately conspicuous	moderately conspicuous	moderately conspicuous
<input type="checkbox"/> Fruit: thickness of skin	medium	medium	medium	medium

<input type="checkbox"/>	Fruit: size of seed	small	small	small	small
<input type="checkbox"/>	Fruit: colour of funiculus	white yellowish	white yellowish	white yellowish	white yellowish
<input type="checkbox"/>	Fruit: colour of pulp	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/>	Plant: time of first harvest	early	medium	early	medium
<input checked="" type="checkbox"/>	Fruit: time of main harvest	early	medium	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AGN/SEN-001'	'Flamenco'	'Nova'	'Sweetheart'
<input checked="" type="checkbox"/> Plant: length of tendrils (current seasons growth)	long	medium	medium	medium
<input type="checkbox"/> *Flower: presence of spotted ring in throat	present	present	present	present
<input type="checkbox"/> Flower: number of spots on distal part of corona filaments	very few	very few	very few	very few
<input type="checkbox"/> Fruit: presence of lenticels	present	present	present	present

Statistical Table

Organ/Plant Part: Context	'AGN/SEN-001'	'Flamenco'	'Nova'	'Sweetheart'
<input checked="" type="checkbox"/> Leaf Blade: depth of sinus (mm)				
Mean	46.63	46.11	52.50	47.50
Std. Deviation	5.50	5.50	5.50	5.50
Lsd/sig	5.61	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Flower: length of bract (mm)				
Mean	18.33	18.80	21.71	15.00
Std. Deviation	2.49	2.49	2.49	2.49
Lsd/sig	3.15	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length of sepal (mm)				
Mean	30.17	25.40	33.14	26.40
Std. Deviation	2.36	2.36	2.36	2.36
Lsd/sig	2.99	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: width of sepal (mm)				
Mean	11.83	13.20	11.71	10.40
Std. Deviation	0.93	0.93	0.93	0.93
Lsd/sig	1.17	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Flower: length of petal (mm)				
Mean	27.67	23.60	25.00	23.00
Std. Deviation	2.39	2.39	2.39	2.39
Lsd/sig	3.03	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Flower: width of petal (mm)				
Mean	8.83	9.20	8.71	8.60
Std. Deviation	0.57	0.57	0.57	0.57
Lsd/sig	3.15	ns	ns	ns

☒ **Flower: diameter of corona filaments (mm)**

Mean	62.83	59.00	65.86	58.20
Std. Deviation	3.36	3.36	3.36	3.36
Lsd/sig	4.26	ns	ns	P≤0.01

☒ **Fruit: length (mm)**

Mean	68.71	65.13	73.43	66.86
Std. Deviation	4.21	4.21	4.21	4.21
Lsd/sig	4.63	ns	P≤0.01	ns

☒ **Fruit: diameter (mm)**

Mean	65.00	58.89	65.17	57.57
Std. Deviation	3.70	3.70	3.70	3.70
Lsd/sig	3.93	P≤0.01	ns	P≤0.01

Prior Applications: Nil

First sold in Australia in November 2024

Description: Gavin Porter, Kallangur, QLD, 4503



Passionfruit (*Passiflora edulis*) variety 'AGN/SEN-001'

Details of Application

Application Number	2025/231
Variety Name	'REXOSO'
Genus Species	<i>Solanum lycopersicum</i>
Common Name	Tomato, Cherry Tomato
Accepted Date	19-Jan-2026
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., DE LIER, The Netherlands
Agent	Spruson & Ferguson Pty Limited, Sydney, NSW, Australia
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	TMT4087
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/44/4 Rev. 5 d.d. 01-06-2021
Period	2023 - 2024
Conditions	according to the CPVO technical protocol
Trial Design	according to the CPVO technical protocol
Measurements	according to the CPVO technical protocol
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Males and females were crossed with a ToBRFV resistant source and self-pollinated for several generations to obtain a stable and uniform parent line. ToBRFV resistance is fixed with the help of markers. Observations for this variety were first made in 2021 in De Lier, the Netherlands. Breeder: Tomato breeding department, Rijk Zwaan Zaadteelt en Zaadhandel B.V., Burgemeester Crezélaan, De Lier, Westland, South Holland, The Netherlands.

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	indeterminate
Peduncle	abscission layer	present
Fruit	green shoulder (before maturity)	present
Fruit	green stripes (before maturity)	absent
Fruit	size	small
Fruit	shape in longitudinal section	oblate
Fruit	number of locules	two and three
Fruit	colour at maturity	red
Plant	Resistance to <i>Meloidogyne incognita</i> (Mi)	susceptible
Plant	Resistance to <i>Verticillium</i> sp. (Va and Vd) race 0	present
Plant	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol), race 0EU/1US	present

Plant	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> present (Fol), race 1EU/2US
Plant	Resistance to Tomato Mosaic Virus (ToMV), strain 0 present
Plant	Resistance to Tomato Spotted Wilt Virus (TSWV), strain 0 absent

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Bellioso'

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

Organ/Plant Part: Context	'REXOSO'	'Bellioso'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only)	present	
<input type="checkbox"/> *Plant: growth type	indeterminate	
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	weak to medium	very weak to weak
<input type="checkbox"/> Stem: length of internode (varieties with plant growth type indeterminate only)	medium to long	
<input type="checkbox"/> *Leaf: attitude	horizontal to semi-drooping	
<input type="checkbox"/> Leaf: length	long	
<input type="checkbox"/> Leaf: width	broad	
<input type="checkbox"/> *Leaf: type of blade	bipinnate	
<input type="checkbox"/> Leaf: size of leaflets	large	
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: glossiness	weak	
<input type="checkbox"/> Leaf: blistering	weak to medium	
<input type="checkbox"/> Leaf: attitude of petiole of leaflet in relation to main axis	semi-erect to horizontal equally	
<input type="checkbox"/> Inflorescence: type	uniparous and multiparous	
<input type="checkbox"/> *Flower: colour	yellow	
<input type="checkbox"/> Flower: pubescence of style	present	
<input type="checkbox"/> *Peduncle: abscission layer	present	
<input type="checkbox"/> *Fruit: green shoulder (before maturity)	present	
<input type="checkbox"/> Fruit: extent of green shoulder (before maturity)	medium to large	
<input type="checkbox"/> Fruit: intensity of green colour of shoulder (before maturity)	medium to dark	
<input type="checkbox"/> *Fruit: intensity of green colour excluding shoulder (before maturity)	light	

<input type="checkbox"/>	Fruit: green stripes (before maturity)	absent	
<input type="checkbox"/>	*Fruit: size	small	small
<input type="checkbox"/>	*Fruit: shape in longitudinal section	oblate	
<input type="checkbox"/>	*Fruit: ribbing at peduncle end	weak	
<input type="checkbox"/>	Fruit: depression at peduncle end	weak	
<input type="checkbox"/>	Fruit: size of peduncle scar	small	
<input type="checkbox"/>	Fruit: size of blossom scar	very small	
<input type="checkbox"/>	Fruit: shape at blossom end	flat	
<input type="checkbox"/>	Fruit: diameter of core in cross section in relation to total diameter	medium to large	
<input type="checkbox"/>	Fruit: thickness of pericarp	thin to medium	
<input type="checkbox"/>	*Fruit: number of locules	two and three	
<input type="checkbox"/>	*Fruit: colour (at maturity)	red	
<input type="checkbox"/>	*Fruit: colour of flesh (at maturity)	red	
<input type="checkbox"/>	Fruit: glossiness of skin	medium	
<input type="checkbox"/>	*Fruit: firmness	firm	
<input type="checkbox"/>	Time of: flowering	early	
<input checked="" type="checkbox"/>	*Time of: maturity	early	early to medium
<input type="checkbox"/>	*Resistance to: <i>Meloidogyne incognita</i> (Mi)	susceptible	
<input type="checkbox"/>	*Resistance to: <i>Verticillium</i> sp. (Va and Vd) – Race 0	present	
<input type="checkbox"/>	Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> (Forl)	present	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'REXOSO'	'Bellioso'
<input type="checkbox"/> Plant: Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol), race 0EU/1US	present	
<input type="checkbox"/> Plant: Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol), race 1EU/2US	present	
<input type="checkbox"/> Plant: Resistance to <i>Passalora fulva</i> (Pf) (ex <i>Fulvia fulva</i> (Ff)) race 0	present	
<input type="checkbox"/> Plant: Resistance to <i>Passalora fulva</i> (Pf) (ex <i>Fulvia fulva</i> (Ff)) group A	present	
<input type="checkbox"/> Plant: Resistance to <i>Passalora fulva</i> (Pf) (ex <i>Fulvia fulva</i> (Ff)) group C	present	
<input type="checkbox"/> Plant: Resistance to <i>Passalora fulva</i> (Pf) (ex <i>Fulvia fulva</i> (Ff)) group E	present	
<input type="checkbox"/> Plant: Resistance to Tomato Mosaic Virus (ToMV), strain 0	present	

Plant: Resistance to Tomato Mosaic Virus (ToMV), strain 1 present

Plant: Resistance to Tomato Mosaic Virus (ToMV), strain 2 present

Plant: Resistance to Tomato Spotted Wilt Virus (TSWV),
strain 0 absent

Plant: Resistance to *Passalora fulva* (Pf) (ex *Fulvia fulva* (Ff))
group B present

Plant: Resistance to *Passalora fulva* (Pf) (ex *Fulvia fulva* (Ff))
group D present

Plant: height medium to high

Peduncle: length short

Fruit: ratio length/diameter small

Prior Applications and Sales:

Country	Year	Status	Name Applied
The Netherlands	2022	Granted	'REXOSO'
European Union	2023	Granted	'REXOSO'
The United Kingdom	2023	Granted	'REXOSO'
Ukraine	2024	Applied	'REXOSO'
Mexico	2023	Applied	'REXOSO'
Canada	2023	Applied	'REXOSO'

First sold in Canada in October, 2022

Description: Michael Christie, Sydney, NSW, 2000



Tomato (*Solanum lycopersicum*) variety 'REXOSO'

Grants

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Grant Date	Certificate Number	Expiry Date
2023/078	DrisRaspTwentyTwo	Raspberry	Not Applicable	<i>Rubus</i>	<i>idaeus</i>	Driscoll's Inc.	02/04/2026	7355	02/04/2046
2013/165	IFG Eight	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Bloom Fresh International Limited	19/02/2026	7350	19/02/2051
2023/075	DrisStrawSeventyFour	Strawberry	Not Applicable	<i>Fragaria</i>	<i>x ananassa</i>	Driscoll's Inc.	02/04/2026	7356	02/04/2046
2021/017	IFG Thirty-three	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Bloom Fresh International Limited	31/03/2026	7354	31/03/2051
2019/091	Indibig	Indian Hawthorn	Not Applicable	<i>Rhaphiolepis</i>	<i>indica</i>	MELINDA ELIAS	02/03/2026	7352	02/03/2046
2021/016	IFG Twenty-six	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Bloom Fresh International Limited	10/04/2026	7357	10/04/2051
2020/222	Ridley1702	Blueberry	Not Applicable	<i>Vaccinium</i>	<i>hybrid</i>	Mountain Blue Orchards Pty Ltd	02/03/2026	7351	02/03/2046
2021/015	IFG Twenty-five	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Bloom Fresh International Limited	05/03/2026	7353	05/03/2051
2019/092	Indicomp	Indian Hawthorn	Not Applicable	<i>Rhaphiolepis</i>	<i>indica</i>	MELINDA ELIAS	18/02/2026	7348	18/02/2046
2019/173	Bonsca 1430	Fanflower	Not Applicable	<i>Scaevola</i>	<i>aemula</i>	Bonza Botanicals Pty Ltd	18/02/2026	7349	18/02/2046

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
2019/189	Navsel 1	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Special New Fruit Licensing Limited (SNFL LTD)	05/03/2026
2019/190	Navsel 2	Grape vine	Not Applicable	<i>Vitis</i>	<i>vinifera</i>	Special New Fruit Licensing Limited (SNFL LTD)	05/03/2026
2021/114	LmC1004N	Westerwolds Ryegrass	Not Applicable	<i>Lolium</i>	<i>multiflorum ssp. Westerwoldicum</i>	Cropmark Seeds Australia Pty Ltd	23/03/2026
2026/019	EL SAMBA	Spinach	Not Applicable	<i>Spinacia</i>	<i>oleracea L.</i>	Syngenta Crop Protection AG	18/03/2026
2023/013	Little Miss Figgy	Fig	Not Applicable	<i>Ficus</i>	<i>carica</i>	Michael Nobles	19/03/2026
2025/179	Middini	Perennial Ryegrass	Not Applicable	<i>Lolium</i>	<i>perenne</i>	Cropmark Seeds Australia Pty Ltd	03/03/2026
2025/010	VG001	Chocolate Cosmos	Cherry Chocolate	<i>Cosmos</i>	<i>atrosanguineus</i>	Valin Genetics Limited	19/03/2026
2025/097	FL405	Rye	Not Applicable	<i>Secale</i>	<i>cereale</i>	Florida Foundation Seed Producers, Inc.	19/03/2026

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
2009/022	Heatwave Sparkle	Sage	Not Applicable	<i>Salvia</i>	<i>hybrid</i>	Innovabred Pty. Ltd.	17/03/2026
2022/115	Sirula	Lettuce	Not Applicable	<i>Lactuca</i>	<i>sativa</i>	Syngenta Crop Protection AG	20/02/2026
2014/191	Teardrop	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	Agriculture Victoria Services Pty Ltd	01/04/2026

Grants Expired

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Applicant(s)	Expiry Date
2004/179	Coral Carpet	Coastal Jugflower	Not Applicable	<i>Adenanthos</i>	<i>cuneatus</i>	George Lullfitz	13/03/2026
2004/296	TAN91151	Rose	Not Applicable	<i>Rosa</i>	<i>hybrid</i>	Rosen Tantau, Mathias Tantau Nachfolger	24/02/2026
2003/104	Sendace	Cocksfoot	Not Applicable	<i>Dactylis</i>	<i>glomerata ssp. hispanica</i>	University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment	08/03/2026
2004/288	Mintaro	Subterranean Clover	Not Applicable	<i>Trifolium</i>	<i>subterraneum ssp. brachycalycinum</i>	Grains Research and Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries	27/03/2026
2004/311	Mesmer Eyes	Tea Tree	Not Applicable	<i>Leptospermum</i>	<i>hybrid</i>	Peter James Ollerenshaw	15/03/2026
2004/044	Nectar	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	Irish Potato Marketing Ltd	28/02/2026
2004/045	Orla	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	Irish Potato Marketing Ltd	28/02/2026
2004/339	Kyabra	Chickpea	9437-3005	<i>Cicer</i>	<i>arietinum</i>	The State of Queensland acting through the Department of Primary Industries,	28/02/2026

						Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation	
2003/103	Uplands	Cocksfoot	Not Applicable	<i>Dactylis</i>	<i>glomerata ssp. hispanica</i>	University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment	08/03/2026
2003/167	Zalsasenan	Peruvian Lily	Senna	<i>Alstroemeria</i>	<i>hybrid</i>	Van Zanten Plants B.V.	14/03/2026
2004/046	Malin	Potato	Not Applicable	<i>Solanum</i>	<i>tuberosum</i>	Irish Potato Marketing Ltd	28/02/2026
2003/320	SUN404B	Wheat	Not Applicable	<i>Triticum</i>	<i>aestivum</i>	The University of Sydney, Grains Research and Development Corporation	10/03/2026
2004/081	SIR 5	Matt Rush	Not Applicable	<i>Lomandra</i>	<i>confertifolia</i>	Ozbreed Pty Ltd	14/03/2026
2003/078	Brunswick	Field Bean	Not Applicable	<i>Vicia</i>	<i>faba</i>	Emerald Park Pty Ltd	08/03/2026
2002/050	Siriver Mk II	Lucerne	Not Applicable	<i>Medicago</i>	<i>sativa</i>	Pristine Forage Technologies Pty Ltd	30/03/2026

Change of Applicant Name

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
--------------------	--------------	-------------	---------	-------	---------	--------------	------------	----------------

Transfer/Assignment of Rights

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
2024/184	Happy Dreams	Thrift		<i>Armeria</i>	<i>pseudarmeria</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2023/251	IB 905-6	English Lavender	English Summer Blue	<i>Lavandula</i>	<i>angustifolia</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2023/250	IB 905-3	English Lavender	English SummerPurple	<i>Lavandula</i>	<i>angustifolia</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2023/193	IB 510-14	Spanish Lavender		<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2023/194	IB 610-17	Spanish Lavender		<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2023/178	IB 610-16	Spanish Lavender	The Prince	<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2022/168	IB 009-3	Snapdragon		<i>Antirrhinum</i>	<i>majus</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	03/07/2025
2022/169	IB 904-4	Snapdragon		<i>Antirrhinum</i>	<i>majus</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	03/07/2025
2022/167	IB 009-2	Snapdragon		<i>Antirrhinum</i>	<i>majus</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	03/07/2025
2022/166	IB 009-1	Snapdragon		<i>Antirrhinum</i>	<i>majus</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	03/07/2025
2022/086	IB6101	Spanish Lavender	The Snow Princess	<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025

2022/083	IB 610-7	Spanish Lavender	Blushberry Ruffles	<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2022/085	IB61015	Spanish Lavender	The Silver Princess	<i>Lavandula</i>	<i>pedunculata</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2021/209	IB 605-8	Hebe	Strawberry Truffle	<i>Hebe</i>	<i>hybrid</i>	Plant Growers Australia Pty. Ltd.	Innovabred Pty. Ltd	02/07/2025
2024/120	AF15283	Field Bean		<i>Vicia</i>	<i>faba</i>	THE UNIVERSITY OF ADELAIDE, Grains Research and Development Corporation	Adelaide University, Grains Research and Development Corporation	09/03/2026
2021/211	FBA Ayla	Field Bean		<i>Vicia</i>	<i>faba</i>	The University of Adelaide, Grains and Research Development Corporation	Adelaide University, GRAINS RESEARCH & DEVELOPMENT CORPORATION	09/03/2026
2006/048	Correll	Wheat		<i>Triticum</i>	<i>aestivum</i>	Australian Grain Technologies Pty Ltd and The University of Adelaide	Australian Grain Technologies Pty Ltd, Adelaide University	09/03/2026
2017/271	PBA Bendoc	Field Bean	Bendoc	<i>Vicia</i>	<i>faba</i>	The University of Adelaide, Grains Research and Development Corporation (GRDC)	Adelaide University, Grains Research and Development Corporation (GRDC)	09/03/2026
2015/328	Maxima	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide, Horticulture	Adelaide University, Horticulture	09/03/2026

						Innovation Australia Ltd	Innovation Australia Limited	
2015/332	Capella	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide, Horticulture Innovation Australia Ltd	Adelaide University, Horticulture Innovation Australia Limited	09/03/2026
2008/314	LI364	Spiny Headed Mat Rush		<i>Lomandra</i>	<i>longifolia</i>	Provincial Plants IP Trust	Provincial Pastures Pty Ltd as trustee for the Provincial Pastures Trust	10/03/2026
2014/238	CHY	Industrial Hemp		<i>Cannabis</i>	<i>sativa</i>	Ecofibre Genetics Pty Ltd	AustraFibre Pty Ltd	01/04/2026
2014/236	CHG MS77	Industrial Hemp		<i>Cannabis</i>	<i>sativa</i>	Ecofibre Genetics Pty Ltd	AustraFibre Pty Ltd	01/04/2026
2013/204	PBA Samira	Field Bean	Samira	<i>Vicia</i>	<i>fabas</i>	The University of Adelaide, Grains Research and Development Corporation	Adelaide University, Grains Research and Development Corporation	09/03/2026
2015/330	Rhea	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide, Horticulture Innovation Australia Ltd	Adelaide University, Horticulture Innovation Australia Limited	09/03/2026
2014/237	CHA	Industrial Hemp		<i>Cannabis</i>	<i>sativa</i>	Ecofibre Genetics Pty Ltd	AustraFibre Pty Ltd	01/04/2026
2015/329	Carina	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide, Horticulture Innovation Australia Ltd	Adelaide University, Horticulture Innovation Australia Limited	09/03/2026
2015/331	Mira	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide, Horticulture	Adelaide University, Horticulture	09/03/2026

						Innovation Australia Ltd	Innovation Australia Limited	
2024/121	AF14092	Field Bean		<i>Vicia</i>	<i>faba</i>	THE UNIVERSITY OF ADELAIDE, Grains and Research Development Corporation	Adelaide University, Grains and Research Development Corporation	09/03/2026
2019/148	Laperouse	Barley		<i>Hordeum</i>	<i>vulgare</i>	The University of Adelaide	Adelaide University	09/03/2026
2017/197	LEABROOK	Barley		<i>Hordeum</i>	<i>vulgare</i>	The University of Adelaide	Adelaide University	09/03/2026
2023/053	AuroraB	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide	Adelaide University	09/03/2026
2016/346	Vela	Almond		<i>Prunus</i>	<i>dulcis (Mill.) D.A. Webb</i>	The University of Adelaide, Horticulture Innovation Australia Ltd	Adelaide University, Horticulture Innovation Australia Limited	03/03/2026
2019/196	ECO-Excalibur	Industrial Hemp		<i>Cannabis</i>	<i>sativa</i>	Ecofibre Genetics Pty Ltd	AustraFibre Pty Ltd	01/04/2026
2017/321	PBA Nanu	Field Bean		<i>Vicia</i>	<i>faba</i>	The University of Adelaide, Grains Research and Development Corporation	Adelaide University, Grains Research and Development Corporation	09/03/2026
2019/139	PBA Amberley	Field Bean	Amberley	<i>Vicia</i>	<i>faba</i>	The University of Adelaide, Grains Research and Development Corporation	Adelaide University, Grains Research and Development Corporation	09/03/2026
2017/272	PBA Marne	Field Bean	Marne	<i>Vicia</i>	<i>faba</i>	The University of Adelaide, Grains Research and	Adelaide University, Grains Research and	09/03/2026

						Development Corporation (GRDC)	Development Corporation	
2010/269	CHG	Industrial Hemp		<i>Cannabis</i>	<i>sativa</i>	Ecofibre Genetics Pty Ltd	AustraFibre Pty Ltd	01/04/2026

Change or Nomination of Agent

Application Number	Variety Name	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
2025/124	CHANTUS	Tomato		<i>Solanum</i>	<i>lycopersicum</i>	Spruson & Ferguson	Spruson & Ferguson	01/03/2026
2021/249	vi010	Mung Bean		<i>Vigna</i>	<i>radiata</i>		Judy Smith	10/03/2026
2013/204	PBA Samira	Field Bean	Samira	<i>Vicia</i>	<i>faba</i>	The University of Adelaide Enterprise	Adelaide University	11/03/2026
2015/330	Rhea	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide Enterprise	Adelaide University	12/03/2026
2021/211	FBA Ayla	Field Bean		<i>Vicia</i>	<i>faba</i>	The University of Adelaide	Adelaide University	12/03/2026
2021/149	Firefly	Kale		<i>Brassica</i>	<i>oleracea L var. acephala</i>	The New Zealand Institute for Plant and Food Research Limited	New Zealand Institute for Bioeconomy Science Limited	16/03/2026
2024/158	Foundation	Forage Rape		<i>Brassica</i>	<i>napus</i>	The New Zealand Institute for Plant and Food Research	New Zealand Institute for Bioeconomy Science Limited	16/03/2026
2015/328	Maxima	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide Enterprise	Adelaide University	12/03/2026
2015/329	Carina	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide Enterprise	Adelaide University	11/03/2026
2024/120	AF15283	Field Bean		<i>Vicia</i>	<i>faba</i>	THE UNIVERSITY OF ADELAIDE	Adelaide University	12/03/2026
2021/154	Hawkestone	Swede		<i>Brassica</i>	<i>napus var. napobrassica</i>	The New Zealand Institute for Plant and Food Research Limited	New Zealand Institute for Bioeconomy Science Limited	16/03/2026

2024/159	Emblaze	Kale	K-CgK.IH_20.mx	<i>Brassica</i>	<i>oleracea</i>	The New Zealand Institute for Plant and Food Research	New Zealand Institute for Bioeconomy Science Limited	16/03/2026
2016/346	Vela	Almond		<i>Prunus</i>	<i>dulcis (Mill.) D.A. Webb</i>	The University of Adelaide Enterprise	Adelaide University	16/03/2026
2019/189	Navsel 1	Grape vine		<i>Vitis</i>	<i>vinifera</i>		Pizzeys Patent and Trade Mark Attorneys	20/02/2026
2019/190	Navsel 2	Grape vine		<i>Vitis</i>	<i>vinifera</i>	SNFL Australia Pty Ltd	Pizzeys Patent and Trade Mark Attorneys	20/02/2026
2007/284	BlackStallion	Cowpea		<i>Vigna</i>	<i>unquiculata</i>		Judy Smith	10/03/2026
2019/139	PBA Amberley	Field Bean	Amberley	<i>Vicia</i>	<i>faba</i>	The University of Adelaide	Adelaide University	12/03/2026
2024/121	AF14092	Field Bean		<i>Vicia</i>	<i>faba</i>	THE UNIVERSITY OF ADELAIDE	Adelaide University	11/03/2026
2017/321	PBA Nanu	Field Bean		<i>Vicia</i>	<i>faba</i>	The University of Adelaide	Adelaide University	11/03/2026
2024/235	CIP014	Hops		<i>Humulus</i>	<i>lupulus</i>	The New Zealand Institute for Plant and Food Research	New Zealand Institute for Bioeconomy Science Limited	15/03/2026
2022/061	Toto	Turnip		<i>Brassica</i>	<i>rapa</i>	The New Zealand Institute for Plant and Food Research Limited	New Zealand Institute for Bioeconomy Science Limited	16/03/2026
2015/332	Capella	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide Enterprise	Adelaide University	16/03/2026
2015/331	Mira	Almond		<i>Prunus</i>	<i>dulcis</i>	The University of Adelaide Enterprise	Adelaide University	11/03/2026
2022/156	NN12026	Raspberry		<i>Rubus</i>	<i>idaeus</i>	The New Zealand Institute	New Zealand Institute for	16/03/2026

						for Plant and Food Research Ltd	Bioeconomy Science Limited	
2024/160	Adorn	Forage Rape		<i>Brassica</i>	<i>napus</i>	The New Zealand Institute for Plant and Food Research	New Zealand Institute for Bioeconomy Science Limited	16/03/2026

Denomination (Variety Name) Changes

Application Number	Common Name	Synonym	Genus	Species	Changed From	Changed To	Date of Change
--------------------	-------------	---------	-------	---------	--------------	------------	----------------

Change/Addition of Synonym

Application Number	Variety Name	Common Name	Genus	Species	Changed From	Changed To	Date of Change
2024/120	AF15283	Field Bean	<i>Vicia</i>	<i>faba</i>		Amberley	12/03/2026
2010/277	Hortberry1	Black Raspberry	<i>Rubus</i>	<i>occidentalis</i>		Golden Cream	19/02/2026
2010/046	MOUTERE	Raspberry	<i>Rubus</i>	<i>ideaus</i>		Golden Cream	19/02/2026
2005/025	Hortgem Wha	Arguta	<i>Actinidia</i>	<i>arguta</i>		Golden Cream	20/02/2026
2014/234	Gem	Hybridberry	<i>Rubus</i>	<i>subg. Eubatus</i>		Golden Cream	20/02/2026
2015/301	Velluto Blue	Rabbit-eye blueberry	<i>Vaccinium</i>	<i>virgatum</i>		Dolce Bliss	20/02/2026
2016/057	Purple Star	Hybridberry	<i>Rubus</i>	<i>subgenus Eubatus</i>		Dolce Bliss	20/02/2026
2022/164	HOT84A1	Apple	<i>Malus</i>	<i>domestica</i>		Dolce Bliss	20/02/2026
2011/150	Adele	Raspberry	<i>Rubus</i>	<i>idaeus</i>		Golden Cream	19/02/2026
2011/151	Korere	Raspberry	<i>Rubus</i>	<i>idaeus</i>		Golden Cream	19/02/2026
2011/319	Wakefield	Raspberry	<i>Rubus</i>	<i>idaeus</i>		Golden Cream	20/02/2026

Corrigenda

Grevillea

Grevillea sessilis x *Grevillea beadleana*

Application number: 2010/002

'Dorothy Gordon'

In the Acceptance table published in the Plant Varieties Journal Vol. 26 No. 1, the botanical name of the variety should read *Grevillea sessilis* x *Grevillea beadleana*.

Grape vine

Vitis hybrid

Application number: 2021/014

'IFG Twenty-two'

In the Variety Description and Distinctness table in the description published in the Plant Varieties Journal Vol. 37 No. 1, a claim of distinctness has been removed from the following characteristic and it should be read as:

Organ/Plant Part: Context	'IFG Twenty-two'	'IFG Twenty'
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse

Pear

Pyrus

Application number: 2024/081

'PremP058'

In the Acceptance table published in the Plant Varieties Journal Vol. 37 No. 1, the botanical name of the variety should read *Pyrus*.

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
Dunbar	Ian
Arkininstall	Sean
Ansari	Omid
Fitzgibbon	John
Coventry	Stewart
Jupp	Noel
Cecil	Andrew
van Popering	Jonathan
Peck	David
Espinola	Sean
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
Lewis	Hartley
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
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
Kretschmar	Tobias
Clingeffer	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 \$1400. This presents a \$600 saving over the normal fee of \$2000.

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 in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

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

One trial at a time

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

One CTC per genus

Normally only one CTC 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 accreditation	Last review date
Bureau of Sugar Experiment Stations	Cairns, Tull, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD	Saccharum	Field, glasshouse, tissue culture, pathology	G. Piperidis	3/06/2020	25/09/2024
ParadisePlants	Kulnura, NSW	Camellia, Lavandula, Osmanthus, Ceratopetalum	Field, glasshouse, shade house, irrigation	J. Robb	31/12/1998	5/9/2023
PrescottRoses	Berwick, VIC	Rosa	Field, controlled environment	C. Prescott	31/12/1998	21/6/2023
Ramm Botanicals	KangyAngy, NSW	Anigozanthos	Tissue culture, environment controlled greenhouse; extensive outdoor and shade house areas	H. Clifton	10/02/2012	17/09/2025
Solan Pty Ltd	Waikerie, SA	Solanum tuberosum	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	26/11/2025

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Last 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	S. McKay, J. 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
GrapeCoPty Ltd	South Merbein, VIC	Vitis vinifera (Table Grape only)	Drip irrigation. Cool rooms are being installed	A. MacGregor	24/03/2022	1/02/2022
Haar's Nursery	Somerville, VIC	Erysimum, Impatiens** Nemesia	Propagation greenhouses; indoor and outdoor growing areas	M. Lunghusen	19/12/2018	1/12/2020

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Last review date
Australian Horticultural Services	5 Lower Homestead Rd Wonga Park, VIC 3115	Lagerstroemia	Outdoor and indoor growing areas	M. Lunghusen	13/08/2021	1/12/2022
Australian Horticultural Services	Wonga Park, VIC	Lavandula	Indoor and out growing areas	M. Lunghusen	19/12/2018	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