



Plant Varieties Journal

Quarter One Volume 34 Number 1



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- [Home](#)
- [Public Notices](#)
- [Appendices](#)
- [Subscribe](#)



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* (Vol. 34 Issue 1) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Assignment of Rights](#)
- [Change of Applicant](#)
- [Change or Nomination of Agent](#)
- [Change of Denomination](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Grants Revoked](#)
- [Corrigenda](#)

ACCEPTANCE:

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

Hemerocallis hybrid

DAYLILY

‘Stella Citron’

Application No: 2020/272 Accepted: 04 Jan 2021

Applicant: **Florabella Australia.**

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Hemerocallis hybrid

DAYLILY

‘Stella Tangerine’

Application No: 2020/273 Accepted: 04 Jan 2021

Applicant: **Florabella Australia.**

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Solanum tuberosum

POTATO

‘CARIBOU RUSSET’

Application No: 2020/207 Accepted: 11 Jan 2021

Applicant: **University of Maine System Board of Trustees.**

Agent: **McCain Foods (Aust) Pty Ltd**, Wendouree, VIC.

Dianthus x allwoodii

PINKS

‘WP19 CFD Dark Form’ syn Candy Floss Mauve

Application No: 2020/197 Accepted: 13 Jan 2021

Applicant: **Plant Growers Australia.**

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Dianthus x allwoodii

PINKS

‘WP19 SPCR’ syn Sugar Plum Coral

Application No: 2020/198 Accepted: 13 Jan 2021

Applicant: **Plant Growers Australia.**

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Sedum hybrid

SEDUM

‘Pldaz2018’

Application No: 2020/210 Accepted: 13 Jan 2021

Applicant: **Christopher M. Hansen.**

Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

Hydrangea macrophylla

HYDRANGEA

‘Jon02’

Application No: 2020/269 Accepted: 14 Jan 2021

Applicant: **De Jong Plant B.V.**

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

Hydrangea macrophylla

HYDRANGEA

‘Jon04’

Application No: 2020/268 Accepted: 14 Jan 2021

Applicant: **De Jong Plant B.V.**

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

Solanum lycopersicum L.

TOMATO

‘ADVENTURE’

Application No: 2020/266 Accepted: 15 Jan 2021

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

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

Solanum tuberosum

POTATO

‘EP-THERESA’

Application No: 2020/243 Accepted: 15 Jan 2021

Applicant: **Bohm-Nordkartoffel Agrarproduktion GmbH & Co. OHG.**

Agent: **Mitolo Developments Pty Ltd**, Virginia, SA.

Triticum aestivum

WHEAT

‘RGT_Cesario’

Application No: 2020/279 Accepted: 15 Jan 2021

Applicant: **RAGT 2n.**

Agent: **Seedforce Pty Ltd**, Shepparton, VIC.

Fuchsia hybrid

FUCHSIA

‘NUFU2001’

Application No: 2020/224 Accepted: 15 Jan 2021

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

Lactuca sativa

LETTUCE

‘MULTIRED 134’

Application No: 2020/265 Accepted: 18 Jan 2021

Applicant: **Nunhems B.V.**

Agent: **Shelston IP**, Sydney, NSW.

Prunus salicina

JAPANESE PLUM

‘Vardit’

Application No: 2020/244 Accepted: 19 Jan 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Cynodon dactylon

‘Kingsblade’

Application No: 2020/291 Accepted: 20 Jan 2021

Applicant: **Kurt Royce Britten Kelly**, Heathridge, WA.

Lactuca sativa

LETTUCE

‘Rainey’

Application No: 2020/289 Accepted: 20 Jan 2021

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

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

Lactuca sativa

LETTUCE

‘OZWALD’

Application No: 2020/282 Accepted: 20 Jan 2021

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

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

Lactuca sativa

LETTUCE

‘ANDIRON’

Application No: 2020/287 Accepted: 20 Jan 2021

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

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

Salvia hybrid

SAGE

‘Amante’

Application No: 2020/299 Accepted: 21 Jan 2021

Applicant: **New World Plants Limited**.

Agent: **Australian Perennial Growers Pty Ltd**, Arcadia, NSW.

Solanum tuberosum

POTATO

‘VOGUE’

Application No: 2020/235 Accepted: 22 Jan 2021

Applicant: **Konst Research B.V.**

Agent: **Agrico Australia**, Ridgley, TAS.

Solanum tuberosum

POTATO

‘LAUDINE’

Application No: 2020/233 Accepted: 22 Jan 2021

Applicant: **Nieder Osterreichische Saatbaugenossenschaft reg. Gen.mbH.**

Agent: **Agrico Australia**, Ridgley, TAS.

Solanum tuberosum

POTATO

‘BASIN RUSSET’

Application No: 2020/234 Accepted: 22 Jan 2021

Applicant: **Kweek- en Researchbedrijf Agrico B.V.**

Agent: **Agrico Australia**, Ridgley, TAS.

Prunus salicina

JAPANESE PLUM

‘WM8’ syn GreenRed

Application No: 2020/245 Accepted: 22 Jan 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Prunus salicina

JAPANESE PLUM

‘SilverRed’

Application No: 2020/247 Accepted: 22 Jan 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Rubus idaeus

RASPBERRY

‘AUS-MAJESTIC’

Application No: 2020/283 Accepted: 27 Jan 2021

Applicant: **Plant Sciences, Inc.**

Agent: **Red Jewel Fruit Management Pty Ltd.**, Armidale, NSW.

Prunus salicina

JAPANESE PLUM

‘TurtleEgg’

Application No: 2020/246 Accepted: 28 Jan 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Lactuca sativa

LETTUCE

‘Izanas’

Application No: 2017/091 Accepted: 29 Jan 2021

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

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

Prunus persica

PEACH

‘RubySensation’

Application No: 2020/270 Accepted: 01 Feb 2021

Applicant: **Zaiger's Inc. Genetics.**

Agent: **Graham's Factree Pty Ltd**, Gembrook, VIC.

Grevillea sericea

‘GR16068’

Application No: 2020/310 Accepted: 05 Feb 2021

Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Persea americana

AVOCADO

‘JA1A’

Application No: 2020/200 Accepted: 11 Feb 2021

Applicant: **John Mongan; Fruitservice Pty Ltd ATF fruitservice unit trust T/A Ireland 53; Lorna Spackman.**

Agent: **Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLF.

Lomandra filiformis

WATTLE MAT RUSH

‘LOMF14001’

Application No: 2020/315 Accepted: 11 Feb 2021

Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Rubus idaeus

RASPBERRY

‘Kokanee’

Application No: 2020/298 Accepted: 11 Feb 2021

Applicant: **The United States of America as represented by the Secretary of Agriculture.**

Agent: **Adrian M Trioli Patent and Trade Mark Attorney**, East Melbourne, VIC.

Vaccinium corymbosum

BLUEBERRY

‘Ridley1702’

Application No: 2020/222 Accepted: 23 Feb 2021

Applicant: **Mountain Blue Orchards Pty Ltd**, Lindendale, NSW.

Acer platanoides x truncatum

MAPLE

‘JFS-KW187’ syn Urban Sunset

Application No: 2021/003 Accepted: 25 Feb 2021

Applicant: **J Frank Schmidt and Son Co.**

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

Citrullus lanatus

WATERMELON

‘RoyalKnight’

Application No: 2020/260 Accepted: 25 Feb 2021

Applicant: **Nunhems B.V.**

Agent: **Shelston IP**, Sydney, NSW.

Acer platanoides x truncatum

MAPLE

‘JFS-KW249’ syn Ruby Sunset

Application No: 2021/004 Accepted: 25 Feb 2021

Applicant: **J Frank Schmidt and Son Co.**

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

Malus hybrid

CRABAPPLE

‘JFS KW213MX’ syn Raspberry Spear

Application No: 2021/006 Accepted: 25 Feb 2021

Applicant: **J Frank Schmidt and Son Co.**

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

Malus hybrid

CRABAPPLE

‘JFS KW214MX’ syn Ivory Spear

Application No: 2021/005 Accepted: 25 Feb 2021

Applicant: **J Frank Schmidt and Son Co.**

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

Prunus persica var nucipersica

NECTARINE

‘SweetSensation’

Application No: 2020/286 Accepted: 02 Mar 2021

Applicant: **Zaiger's Inc. Genetics.**

Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Peperomia argyreia

‘EC PEPE 2008’

Application No: 2020/157 Accepted: 02 Mar 2021

Applicant: **Eden Collections B.V.**

Agent: **Dan's Plants**, Heatherton, VIC.

Dianthus x allwoodii

PINKS

‘WP19SPD Dark Pink’ syn Sugar Plum Raspberry

Application No: 2020/199 Accepted: 04 Mar 2021

Applicant: **Plant Growers Australia.**

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Rubus idaeus

RASPBERRY

‘IMAGINE’

Application No: 2021/019 Accepted: 15 Mar 2021

Applicant: **Plant Sciences, Inc.**

Agent: **Red Jewel Fruit Management Pty Ltd.**, Armidale, NSW.

Lactuca sativa

LETTUCE

‘MULTIRED 144’

Application No: 2021/021 Accepted: 15 Mar 2021

Applicant: **Nunhems B.V.**

Agent: **Shelston IP**, Sydney, NSW.

Brassica napus

CANOLA

‘DG Murray TT’ syn DG1902TT

Application No: 2020/277 Accepted: 16 Mar 2021

Applicant: **Nutrien Ag Solutions Ltd.**

Agent: **Kate Light**, Horsham, VIC.

Viburnum odoratissimum

SWEET VIBURNUM

‘Brant01’

Application No: 2021/007 Accepted: 16 Mar 2021
Applicant: **Paul E. Klinger Jr.; Kip McConnell.**
Agent: **Sprint Horticulture**, Peats Ridge, NSW.

Brassica napus

CANOLA

‘DG Bidgee TT’ syn DG1903TT

Application No: 2020/275 Accepted: 16 Mar 2021
Applicant: **Nutrien Ag Solutions Ltd.**
Agent: **Kate Light**, Horsham, VIC.

Lomandra longifolia

SPINY HEADED MAT RUSH

‘SPRILOMEAN’

Application No: 2021/048 Accepted: 16 Mar 2021
Applicant: **VitaTech Services Pty Ltd.**
Agent: **Sprint Horticulture**, Erina, NSW.

Capsicum annuum

SWEET PEPPER

‘Groote’ syn RPP42444

Application No: 2021/026 Accepted: 17 Mar 2021
Applicant: **Syngenta Crop Protection AG.**
Agent: **Syngenta Australia Pty. Ltd.**, Macquarie Park, NSW.

Brassica napus

CANOLA

‘DG Torrens TT’ syn DG1924TT

Application No: 2020/276 Accepted: 17 Mar 2021
Applicant: **Nutrien Ag Solutions Ltd.**
Agent: **Kate Light**, Horsham, VIC.

Brassica napus

CANOLA

‘DG Frankland TT’ syn DG1927TT

Application No: 2020/274 Accepted: 17 Mar 2021

Applicant: **Nutrien Ag Solutions Ltd.**

Agent: **Kate Light**, Horsham, VIC.

Prunus salicina

JAPANESE PLUM

‘BigSun’

Application No: 2021/023 Accepted: 18 Mar 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Prunus salicina

JAPANESE PLUM

‘WM-1’

Application No: 2021/024 Accepted: 18 Mar 2021

Applicant: **Ben-Dor Fruits and Nurseries.**

Agent: **Cutri Fruit Pty Ltd**, Woorinen South, VIC.

Capsicum annuum

‘Royston’ syn RPP42456

Application No: 2021/027 Accepted: 19 Mar 2021

Applicant: **Syngenta Crop Protection AG.**

Agent: **Syngenta Australia Pty. Ltd.**, Macquarie Park, NSW.

Vitis vinifera

GRAPE VINE

‘SUGRAFIFTYTHREE’ syn SUGRA53

Application No: 2020/194 Accepted: 19 Mar 2021

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Vitis vinifera

GRAPE VINE

‘SUGRAFIFTYFOUR’ syn SUGRA54

Application No: 2020/195 Accepted: 19 Mar 2021

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Vitis vinifera

GRAPE VINE

‘SUGRAFIFTYFIVE’ syn SUGRA55

Application No: 2020/196 Accepted: 19 Mar 2021

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Rubus idaeus

RASPBERRY

‘Nobility’

Application No: 2021/036 Accepted: 23 Mar 2021

Applicant: **Plant Sciences, Inc.**

Agent: **Red Jewel Fruit Management Pty Ltd.**, Armidale, NSW.

Capsicum annuum

SWEET PEPPER

‘Owen’ syn RPP42454

Application No: 2021/028 Accepted: 23 Mar 2021

Applicant: **Syngenta Crop Protection AG.**

Agent: **Syngenta Australia Pty. Ltd.**, Macquarie Park, NSW.

Solanum lycopersicum

TOMATO

‘MISTELA’

Application No: 2020/307 Accepted: 23 Mar 2021

Applicant: **Nunhems B.V.**

Agent: **Shelston IP Pty Ltd**, Sydney, NSW.

Sedum hybrid

SEDUM

‘Wildfire’

Application No: 2020/237 Accepted: 23 Mar 2021

Applicant: **Christopher M. Hansen.**

Agent: **Sprint Horticulture**, Peats Ridge, NSW.

Cannabis sativa

MEDICINAL CANNABIS

‘CLS 0002’

Application No: 2021/032 Accepted: 25 Mar 2021

Applicant: **Cymra Life Sciences Limited**, Rous, NSW.

Cannabis sativa

MEDICINAL CANNABIS

‘CLS 0001’

Application No: 2021/031 Accepted: 25 Mar 2021

Applicant: **Cymra Life Sciences Limited**, Rous, NSW.

Lactuca sativa

‘SPLASHBEE’

Application No: 2021/025 Accepted: 26 Mar 2021

Applicant: **Nunhems B.V.**

Agent: **Shelston IP**, Sydney, NSW.

Mandevilla hybrid

‘Manstar’

Application No: 2020/280 Accepted: 26 Mar 2021

Applicant: **Ramm Botanicals Pty Ltd as a trustee for the Ramm Botanicals Trust.**

Agent: **Ramm Botanicals Pty Ltd**, Kangy Angy, NSW.

Vitis vinifera

GRAPE VINE

‘SUGRAFIFTYTWO’ syn SUGRA52

Application No: 2020/193 Accepted: 26 Mar 2021

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Fragaria xananassa Duch.

STRAWBERRY

‘RENEWAL’

Application No: 2021/037 Accepted: 31 Mar 2021

Applicant: **Berry Genetics Inc.**

Agent: **Red Jewel Fruit Management Pty Ltd.**, Armidale, NSW.

Variety Descriptions

<u>Common (Genus Species)</u>	<u>Variety</u>	<u>Title Holder</u>
<u>Agapanthus (Agapanthus hybrid)</u>	ANDbIn	Charles Andrew de Wet
<u>Agapanthus (Agapanthus orientalis)</u>	PMB020	Pine Mountain Botanics Pty Ltd
<u>Aloe (Aloe hybrid)</u>	MOBAL 20	Morgan Oates & Brown Pty Ltd
<u>Aloe (Aloe hybrid)</u>	MOBAL 34	Morgan Oates & Brown Pty Ltd
<u>Aloe (Aloe variegata)</u>	MOBAL 18	Morgan Oates & Brown Pty Ltd
<u>(Aloe variegata)</u>	MOBAL 30	Morgan Oates & Brown Pty Ltd
<u>Thrift (Armeria pseudarmeria)</u>	Dream Weaver	Plant Growers Australia
<u>Oats (Avena sativa)</u>	Ignite	NDSU Research Foundation
<u>Oats (Avena sativa)</u>	Sabre	NDSU Research Foundation
<u>Oats (Avena sativa)</u>	Raptor	NDSU Research Foundation
<u>Canola (Brassica napus)</u>	Mainstar	Forage Innovations Limited
<u>Bottlebrush (Callistemon hybrid)</u>	Calkwr	John Boekel
<u>Canna (Canna hybrid)</u>	AM01	Earthbound Plants Australia
<u>Canna (Canna hybrid)</u>	AM02	Earthbound Plants Australia
<u>Waxflower (Chamelaucium floriferum)</u>	Pinnacle Pink	Botanic Gardens and Parks Authority
<u>Quinoa (Chenopodium quinoa)</u>	Dutchess	Stichting Wageningen Research - Wageningen Plant Research
<u>Watermelon (Citrullus lanatus)</u>	AYAMI	Nunhems B.V.
<u>Mandarin (Citrus reticulata)</u>	RubyGS	Mildura Fruit Company
<u>Sweet Orange (Citrus sinensis)</u>	Rusty	Russell Anderson
<u>Cucumber (Cucumis sativus)</u>	TANTALOS	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Cucumber (Cucumis sativus)</u>	EQUILIBRATO	Nunhems B.V.

Large wild Iris (<i>Dietes grandiflora</i>)	Di3	Vic John Ciccolella
Hebe (<i>Hebe x speciosa</i>)	HebAnn05	Annton Nursery Ltd
Hebe (<i>Hebe x speciosa</i>)	HebAnn03	Annton Nursery Ltd
(<i>Hibbertia spicata</i> ssp <i>leptotheca</i>)	WA01	Perth Plant Propagation Pty. Ltd.
Lablab Bean (<i>Lablab purpureus</i>)	PGY-026	GeneGro Pty Ltd
Lavender (<i>Lavandula hybrid</i>)	Purpleberry Ruffles	Plant Growers Australia
(<i>Lavandula pedunculata</i>)	Pinkberry Ruffles	Plant Growers Australia
Spanish Lavender (<i>Lavandula pedunculata</i>)	Razzleberry Ruffles	Plant Growers Australia
Spanish Lavender (<i>Lavandula pedunculata</i>)	Frill Pink	Young Plants Pty Ltd
Spanish Lavender (<i>Lavandula pedunculata</i>)	PurpleReign	Plant Growers Australia
Lentil (<i>Lens culinaris</i>)	PBA HighlandXT	Agriculture Victoria Services Pty Ltd; Grains Research and Development Corporation
Mango (<i>Mangifera indica</i>)	Sweethart	Glynn Athol Bookall
Strand Medic (<i>Medicago littoralis</i>)	Seraph	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute).
Lucerne (<i>Medicago sativa</i>)	Araf 11	Pristine Forage Technologies Pty Ltd
Velvet bean (<i>Mucuna pruriens</i>)	12A-004	Paragon Seeds Australia
Oregano (<i>Origanum vulgare</i>)	OREG04	Ozbreed Pty Ltd
Oregano (<i>Origanum vulgare</i>)	OREG02	Ozbreed Pty Ltd
Photinia (<i>Photinia x Fraseri</i>)	'NP01'	Vic John Ciccolella
Photinia (<i>Photinia x Fraseri</i>)	CP01	Vic John Ciccolella
European x Asian		

pear interspecific hybrid (<i>Pyrus communis</i> X <i>P. pyrifolia</i> X <i>P. bretschneideri</i>)	PremP009	Prevar Ltd
Rose (<i>Rosa hybrid</i>)	KORtangwal	W. Kordes' Sohne Rosenschulen GmbH & Co KG
(<i>Rosa hybrid</i>)	KORjupvio	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Rose (<i>Rosa hybrid</i>)	Ausmobile	David Austin Roses Limited
Rose (<i>Rosa hybrid</i>)	AUSKINDLING	David Austin Roses Limited
Rose (<i>Rosa hybrid</i>)	Noa16079	Reinhard Noack
Rose (<i>Rosa hybrid</i>)	Noa38121	Reinhard Noack
Rose (<i>Rosa hybrid</i>)	Noa1112130	Reinhard Noack
Rose (<i>Rosa hybrid</i>)	AUSBRASS	David Austin Roses Limited
Rose (<i>Rosa hybrid</i>)	Noa1811108	Reinhard Noack
Rose (<i>Rosa hybrid</i>)	AUSMIXTURE	David Austin Roses Limited
(<i>Rosa hybrid</i>)	KORgehaque	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Rose (<i>Rosa hybrid</i>)	KORgeowim	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Potato (<i>Solanum tuberosum</i>)	AmaRosa	Oregon State University
Potato (<i>Solanum tuberosum</i>)	Volare	Agrico U.A.
Potato (<i>Solanum tuberosum</i>)	Jacqueline Lee	Board of Trustees of Michigan State University
(<i>Solanum tuberosum</i>)	Winterset	Colorado State University Research Foundation
Potato (<i>Solanum tuberosum</i>)	Performer	Kweek- en Researchbedrijf Agrico B.V.
Potato (<i>Solanum tuberosum</i>)	Esmee	Kweek- en Researchbedrijf Agrico B.V.
Lilly Pilly (<i>Syzygium australe</i>)	Green Machine	Reline Management Pty Ltd ATF The Cole Unit Trust
(<i>Thymus serpyllum</i>)	WT03	Ozbreed Pty Ltd
Subterranean Clover (<i>Trifolium subterraneum</i>)	Jupiter	Pristine Forage Technologies Pty Ltd
Subterranean Clover (<i>Trifolium subterraneum</i>)	Saturn	Pristine Forage Technologies Pty Ltd
(<i>Triticum aestivum</i>)	Suncentral	Australian Grain Technologies Pty Ltd

<u>Wheat (<i>Triticum aestivum</i>)</u>	Sunflex	Australian Grain Technologies Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	Denison	Australian Grain Technologies Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	Sunmaster	Australian Grain Technologies Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	STING	Australian Grain Technologies Pty Ltd
<u>(<i>Triticum aestivum</i>)</u>	Sunblade CL Plus	Australian Grain Technologies Pty Ltd
<u>(<i>Triticum aestivum</i>)</u>	Coota	Australian Grain Technologies Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	HAMMER CL PLUS	Australian Grain Technologies Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	BALLISTA	Australian Grain Technologies Pty Ltd
<u>Grape vine (<i>Vitis vinifera</i>)</u>	IFG Five	International Fruit Genetics LLC
<u>Grape vine (<i>Vitis vinifera</i>)</u>	IFG 31-077	International Fruit Genetics LLC
<u>Grape vine (<i>Vitis vinifera</i>)</u>	IFG-Ten	International Fruit Genetics LLC

1 to 75 of 75

Plant Varieties Journal - Search Result Details

(*Aloe variegata*)

Variety: 'MOBAL 30'
Synonym: N/A

Application no: 2018/372
Current status: ACCEPTED
Certificate no: N/A
Received: 13-Dec-2018
Accepted: 21-Dec-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Morgan Oates & Brown Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

(*Lavandula pedunculata*)

Variety: 'Pinkberry Ruffles'
Synonym: N/A

Application no: 2019/167

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2019

Accepted: 16-Sep-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Plant Growers Australia

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362659050

Fax: 0362659919

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



Plant Varieties Journal - Search Result Details

(*Hibbertia spicata* ssp *leptothea*)

Variety: 'WA01'
Synonym: N/A

Application no: 2014/074
Current status: ACCEPTED
Certificate no: N/A
Received: 23-Apr-2014
Accepted: 12-May-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Perth Plant Propagation Pty. Ltd.
Agent: Ozbreed Pty Ltd
Telephone: 0245772977
Fax: 0245877728

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



Plant Varieties Journal - Search Result Details

(*Rosa hybrid*)

Variety: 'KORjupvio'
Synonym: N/A

Application no: 2019/246
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Nov-2019
Accepted: 03-Dec-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Agent: Midwood Roses Pty Ltd
Telephone: 0355292367
Fax: 0355292511

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



Plant Varieties Journal - Search Result Details

(*Rosa hybrid*)

Variety: 'KORgehaque'
Synonym: N/A

Application no: 2019/249

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Nov-2019

Accepted: 04-Dec-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Midwood Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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



Plant Varieties Journal - Search Result Details

(*Solanum tuberosum*)

Variety: 'Winterset'
Synonym: SBA 03

Application no: 2018/173
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Jun-2018
Accepted: 29-Aug-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Colorado State University Research Foundation
Agent: Snack Brands Australia
Telephone: 0288870888
Fax: N/A

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



Plant Varieties Journal - Search Result Details

(*Triticum aestivum*)**Variety:** 'Suncentral'**Synonym:** N/A**Application no:** 2020/113**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2020**Accepted:** 27-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

(*Triticum aestivum*)

Variety: 'Sunblade CL Plus'
Synonym: N/A

Application no: 2020/114

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Jun-2020

Accepted: 27-Jul-2020

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd

Agent: N/A

Telephone: N/A

Fax: N/A

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



Plant Varieties Journal - Search Result Details

(*Triticum aestivum*)**Variety:** 'Coota'**Synonym:** N/A**Application no:** 2020/112**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2020**Accepted:** 27-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

(*Thymus serpyllum*)

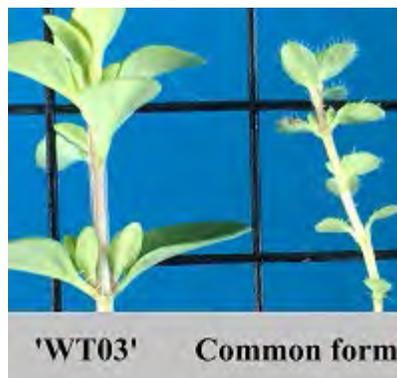
Variety: 'WT03'
Synonym: N/A

Application no: 2017/028
Current status: ACCEPTED
Certificate no: N/A
Received: 13-Feb-2017
Accepted: 16-May-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Ozbreed Pty Ltd
Agent: N/A
Telephone: 0245772977
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Agapanthus (*Agapanthus hybrid*)**Variety:** 'ANDbin'**Synonym:** N/A**Application no:** 2017/258**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Aug-2017**Accepted:** 06-Sep-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Charles Andrew de Wet**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** N/A

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



'ANDbin'

Plant Varieties Journal - Search Result Details

Agapanthus (*Agapanthus orientalis*)

Variety: 'PMB020'
Synonym: N/A

Application no: 2020/063
Current status: ACCEPTED
Certificate no: N/A
Received: 09-Apr-2020
Accepted: 12-May-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Pine Mountain Botanics Pty Ltd
Agent: N/A
Telephone: 0754643976
Fax: 0754643700

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'MOBAL 20'**Synonym:** N/A**Application no:** 2018/371**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Dec-2018**Accepted:** 21-Dec-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Morgan Oates & Brown Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'MOBAL 34'**Synonym:** N/A**Application no:** 2018/374**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Dec-2018**Accepted:** 21-Dec-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Morgan Oates & Brown Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe variegata*)**Variety:** 'MOBAL 18'**Synonym:** N/A**Application no:** 2018/370**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Dec-2018**Accepted:** 20-Dec-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Morgan Oates & Brown Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Bottlebrush (*Callistemon hybrid*)

Variety: 'Calkwr'
Synonym: kooweerup

Application no: 2014/117

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jun-2014

Accepted: 20-Nov-2014

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: John Boekel

Agent: Ozbreed Pty Ltd

Telephone: 0245772977

Fax: 0245877728

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



Plant Varieties Journal - Search Result Details

Canna (*Canna hybrid*)

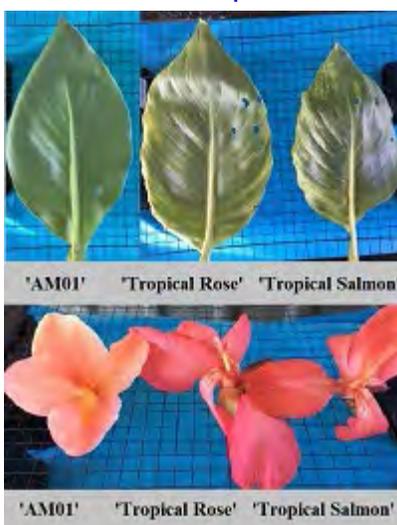
Variety: 'AM01'
Synonym: N/A

Application no: 2018/278
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Sep-2018
Accepted: 19-Sep-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Earthbound Plants Australia
Agent: Ozbreed Pty Ltd
Telephone: 0245772977
Fax: 0245877728

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



Plant Varieties Journal - Search Result Details

Canna (*Canna hybrid*)**Variety:** 'AM02'**Synonym:** N/A**Application no:** 2018/279**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Sep-2018**Accepted:** 19-Sep-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Earthbound Plants Australia**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



'AM02'

'Intrigue'



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)

Variety: 'Mainstar'
Synonym: N/A

Application no: 2015/241
Current status: ACCEPTED
Certificate no: N/A
Received: 03-Sep-2015
Accepted: 14-Oct-2015
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Forage Innovations Limited
Agent: A J Park
Telephone: 6444740898
Fax: 6444723358

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



'HT-R24' leaf bottom side



'HT-R24' leaf upper side



'HT-R24' plant

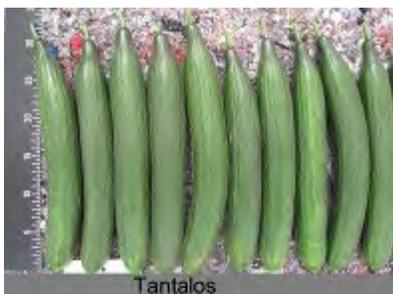
Plant Varieties Journal - Search Result Details

Cucumber (*Cucumis sativus*)**Variety:** 'TANTALOS'**Synonym:** N/A**Application no:** 2018/338**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Nov-2018**Accepted:** 17-Apr-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Cucumber (*Cucumis sativus*)**Variety:** 'EQUILIBRATO'**Synonym:** N/A**Application no:** 2018/321**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Nov-2018**Accepted:** 14-Mar-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Plant Varieties Journal - Search Result Details

European x Asian pear interspecific hybrid (*Pyrus communis* X *P. pyrifolia* X *P. bretschneideri*)**Variety:** 'PremP009'**Synonym:** N/A**Application no:** 2013/136**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jun-2013**Accepted:** 02-Aug-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 34, Issue 1**Title Holder:** Prevar Ltd**Agent:** Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**Telephone:** 0734919905**Fax:** 0734919929

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'IFG Five'**Synonym:** N/A**Application no:** 2013/162**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Jul-2013**Accepted:** 30-Jul-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: International Fruit Genetics LLC**Agent:** Darron Saltzman**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'IFG 31-077'**Synonym:** IFG One**Application no:** 2013/158**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jul-2013**Accepted:** 28-Jan-2014**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: International Fruit Genetics LLC**Agent:** Darron Saltzman**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'IFG-Ten'**Synonym:** N/A**Application no:** 2014/008**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jan-2014**Accepted:** 03-Feb-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: International Fruit Genetics LLC**Agent:** Darron Saltzman**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Hebe (*Hebe x speciosa*)**Variety:** 'HebAnn05'**Synonym:** N/A**Application no:** 2020/038**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Mar-2020**Accepted:** 31-Mar-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Annton Nursery Ltd**Agent:** Anthony Tesselaar Plants Pty Ltd**Telephone:** 0397379568**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Hebe (*Hebe x speciosa*)**Variety:** 'HebAnn03'**Synonym:** N/A**Application no:** 2020/037**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Mar-2020**Accepted:** 31-Mar-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Annton Nursery Ltd**Agent:** Anthony Tesselaar Plants Pty Ltd**Telephone:** 0397379568**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Lablab Bean (*Lablab purpureus*)**Variety:** 'PGY-026'**Synonym:** N/A**Application no:** 2020/031**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Mar-2020**Accepted:** 25-Mar-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: GeneGro Pty Ltd**Agent:** N/A**Telephone:** 0738245440**Fax:** 0738245445

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



Plant Varieties Journal - Search Result Details

Large wild Iris (*Dietes grandiflora*)

Variety: 'Di3'
Synonym: N/A

Application no: 2017/276
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Sep-2017
Accepted: 12-Oct-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Vic John Ciccolella
Agent: Ozbreed Pty Ltd
Telephone: 0245772977
Fax: 0245877728

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



Plant Varieties Journal - Search Result Details

Lavender (*Lavandula hybrid*)**Variety:** 'Purpleberry Ruffles'**Synonym:** N/A**Application no:** 2018/244**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Aug-2018**Accepted:** 11-Sep-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Plant Growers Australia**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Lentil (*Lens culinaris*)

Variety: 'PBA HighlandXT'
Synonym: Highland XT, Highland

Application no: 2019/137

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Jul-2019

Accepted: 29-Jul-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Agriculture Victoria Services Pty Ltd; Grains Research and Development Corporation
Agent: PB Seeds Pty Ltd
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Lilly Pilly (*Syzygium australe*)**Variety:** 'Green Machine'**Synonym:** N/A**Application no:** 2020/015**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Jan-2020**Accepted:** 24-Feb-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Reline Management Pty Ltd ATF The Cole Unit Trust**Agent:** N/A**Telephone:** 0894179834**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Lucerne (*Medicago sativa*)**Variety:** 'Araf 11'**Synonym:** N/A**Application no:** 2014/261**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Nov-2014**Accepted:** 19-Nov-2014**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 34, Issue 1**Title Holder:** Pristine Forage Technologies Pty Ltd**Agent:** N/A**Telephone:** 0872250394**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'RubyGS'**Synonym:** N/A**Application no:** 2016/389**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2016**Accepted:** 14-Mar-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Mildura Fruit Company**Agent:** N/A**Telephone:** 0350211644**Fax:** 0350214227

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



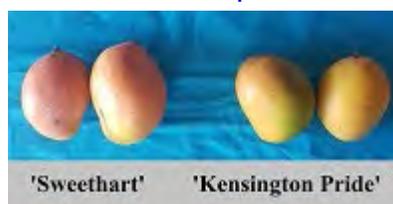
Plant Varieties Journal - Search Result Details

Mango (*Mangifera indica*)**Variety:** 'Sweethart'**Synonym:** N/A**Application no:** 2018/359**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Dec-2018**Accepted:** 19-Dec-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Glynn Athol Bookall**Agent:** N/A**Telephone:** 0740625440**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Oats (*Avena sativa*)

Variety: 'Ignite'
Synonym: N/A

Application no: 2020/179
Current status: ACCEPTED
Certificate no: N/A
Received: 20-Aug-2020
Accepted: 30-Oct-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: NDSU Research Foundation
Agent: Advanta Seeds Pty Ltd
Telephone: 0746902679
Fax: 0746301063

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



Plant Varieties Journal - Search Result Details

Oats (*Avena sativa*)

Variety: 'Sabre'
Synonym: N/A

Application no: 2020/178
Current status: ACCEPTED
Certificate no: N/A
Received: 20-Aug-2020
Accepted: 30-Oct-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: NDSU Research Foundation
Agent: Advanta Seeds Pty Ltd
Telephone: 0746902679
Fax: 0746301063

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



Plant Varieties Journal - Search Result Details

Oats (*Avena sativa*)

Variety: 'Raptor'
Synonym: N/A

Application no: 2020/177
Current status: ACCEPTED
Certificate no: N/A
Received: 20-Aug-2020
Accepted: 30-Oct-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: NDSU Research Foundation
Agent: Advanta Seeds Pty Ltd
Telephone: 0746902679
Fax: 0746301063

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



Plant Varieties Journal - Search Result Details

Oregano (*Origanum vulgare*)**Variety:** 'OREG04'**Synonym:** N/A**Application no:** 2017/029**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Feb-2017**Accepted:** 16-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Ozbreed Pty Ltd**Agent:** N/A**Telephone:** 0245772977**Fax:** N/A

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



'OREG04' 'Bunnings form'



'OREG04' 'Bunnings form'

Plant Varieties Journal - Search Result Details

Oregano (*Origanum vulgare*)**Variety:** 'OREG02'**Synonym:** N/A**Application no:** 2017/027**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Feb-2017**Accepted:** 16-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Ozbreed Pty Ltd**Agent:** N/A**Telephone:** 0245772977**Fax:** N/A

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



'OREG02' 'Floriana form'



'OREG02' 'Floriana form'

Plant Varieties Journal - Search Result Details

Photinia (*Photinia x Fraseri*)

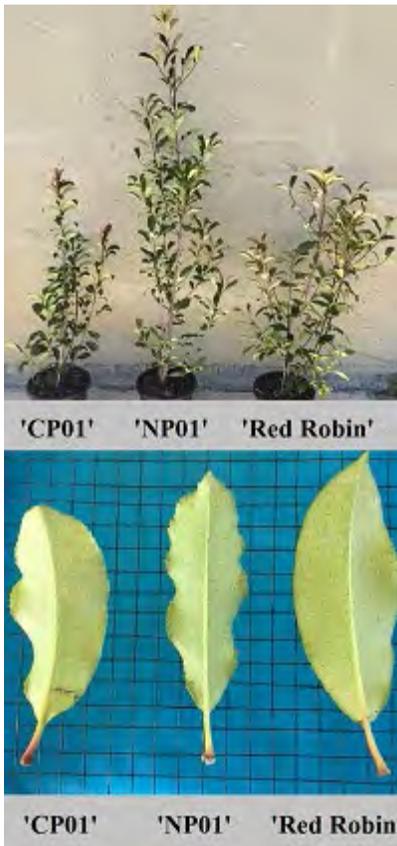
Variety: "NP01"
Synonym: N/A

Application no: 2017/303
Current status: ACCEPTED
Certificate no: N/A
Received: 23-Oct-2017
Accepted: 24-Nov-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Vic John Ciccolella
Agent: Ozbreed Pty Ltd
Telephone: 0245772977
Fax: 0245877728

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



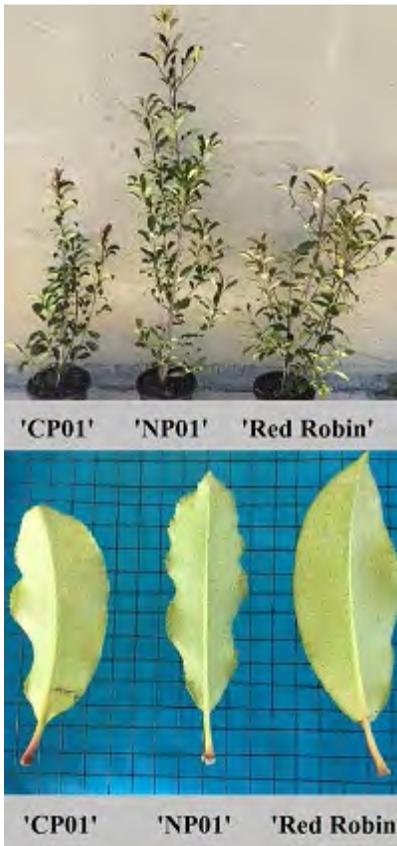
Plant Varieties Journal - Search Result Details

Photinia (*Photinia x Fraseri*)**Variety:** 'CP01'**Synonym:** N/A**Application no:** 2017/304**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Oct-2017**Accepted:** 24-Nov-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Vic John Ciccolella**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'AmaRosa'**Synonym:** RedFoo**Application no:** 2016/167**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jun-2016**Accepted:** 05-Aug-2016**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Oregon State University**Agent:** Anchor Organics**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Volare'**Synonym:** N/A**Application no:** 2015/182**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jul-2015**Accepted:** 17-Jul-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Agrico U.A.**Agent:** Agrico Australia**Telephone:** 0364357331**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Jacqueline Lee'
Synonym: Z-02-W15

Application no: 2015/176

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Jul-2015

Accepted: 17-Jul-2015

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

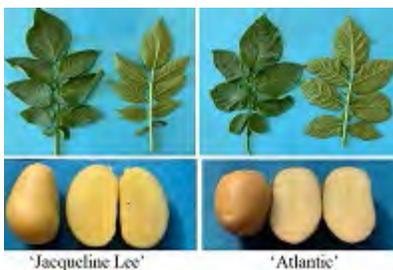
Title Holder: Board of Trustees of Michigan State University

Agent: Zerella Holdings Pty Ltd

Telephone: 0883809096

Fax: 0883809249

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



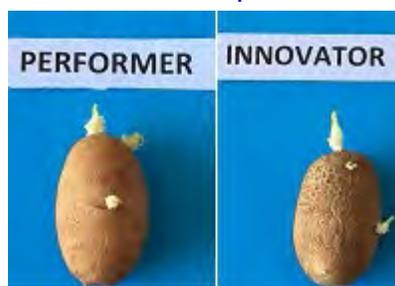
Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Performer'**Synonym:** N/A**Application no:** 2016/289**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Oct-2016**Accepted:** 12-Jan-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Kweek- en Researchbedrijf Agrico B.V.**Agent:** Agrico Australia**Telephone:** 0248373319**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Esmee'
Synonym: N/A

Application no: 2016/290
Current status: ACCEPTED
Certificate no: N/A
Received: 25-Oct-2016
Accepted: 16-Dec-2016
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Kweek- en Researchbedrijf Agrico B.V.
Agent: Agrico Australia
Telephone: 0248373319
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Quinoa (*Chenopodium quinoa*)

Variety: 'Dutchess'
Synonym: N/A

Application no: 2020/185
Current status: ACCEPTED
Certificate no: N/A
Received: 24-Aug-2020
Accepted: 29-Oct-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Stichting Wageningen Research - Wageningen Plant Research
Agent: Spruson & Ferguson
Telephone: 0730112200
Fax: N/A

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



'Dutchess'

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'KORgeowim'**Synonym:** N/A**Application no:** 2017/267**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Sep-2017**Accepted:** 08-Mar-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses**Telephone:** 0355292367**Fax:** 0355292511

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'KORtangwal'**Synonym:** N/A**Application no:** 2019/248**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Nov-2019**Accepted:** 03-Dec-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Midwood Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Ausmobile'**Synonym:** N/A**Application no:** 2017/118**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Apr-2017**Accepted:** 17-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: David Austin Roses Limited**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSKINDLING'**Synonym:** N/A**Application no:** 2019/077**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-May-2019**Accepted:** 28-May-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: David Austin Roses Limited**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

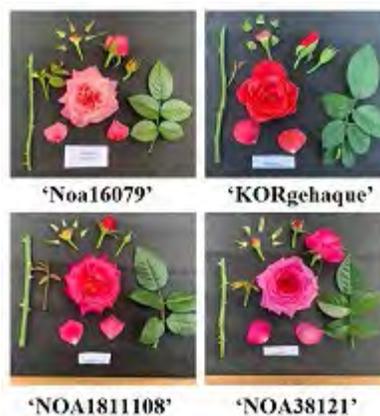
Variety: 'Noa16079'
Synonym: N/A

Application no: 2020/065
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Apr-2020
Accepted: 15-May-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Reinhard Noack
Agent: Flower Carpet Pty Ltd
Telephone: 0397379568
Fax: 0397379899

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

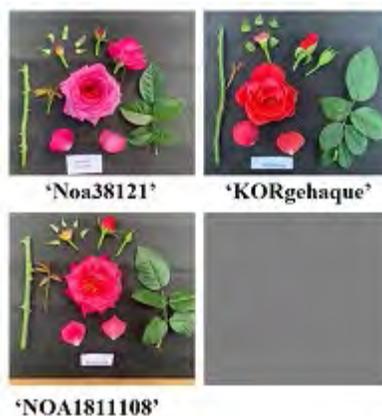
Variety: 'Noa38121'
Synonym: N/A

Application no: 2020/066
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Apr-2020
Accepted: 15-May-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Reinhard Noack
Agent: Flower Carpet Pty Ltd
Telephone: 0397379568
Fax: 0397379899

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Noa1112130'**Synonym:** N/A**Application no:** 2020/067**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Apr-2020**Accepted:** 19-May-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Reinhard Noack**Agent:** Flower Carpet Pty Ltd**Telephone:** 0397379568**Fax:** 0397379899

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSBRASS'**Synonym:** N/A**Application no:** 2017/072**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Mar-2017**Accepted:** 19-Apr-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: David Austin Roses Limited**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** N/A

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



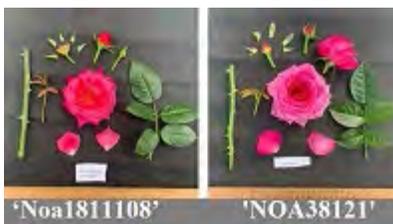
Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Noa1811108'**Synonym:** N/A**Application no:** 2020/068**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Apr-2020**Accepted:** 19-May-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Reinhard Noack**Agent:** Flower Carpet Pty Ltd**Telephone:** 0397379568**Fax:** 0397379899

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSMIXTURE'**Synonym:** N/A**Application no:** 2018/093**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Apr-2018**Accepted:** 10-May-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: David Austin Roses Limited**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Spanish Lavender (*Lavandula pedunculata*)

Variety: 'Razzleberry Ruffles'
Synonym: N/A

Application no: 2019/203

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2019

Accepted: 17-Sep-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Plant Growers Australia

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362659050

Fax: 0362659919

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



Plant Varieties Journal - Search Result Details

Spanish Lavender (*Lavandula pedunculata*)

Variety: 'Frill Pink'
Synonym: N/A

Application no: 2017/246
Current status: ACCEPTED
Certificate no: N/A
Received: 24-Aug-2017
Accepted: 11-Oct-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Young Plants Pty Ltd
Agent: N/A
Telephone: 0395512006
Fax: 0395510600

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



Plant Varieties Journal - Search Result Details

Spanish Lavender (*Lavandula pedunculata*)

Variety: 'PurpleReign'
Synonym: N/A

Application no: 2019/201

Current status: ACCEPTED

Certificate no: N/A

Received: 11-Sep-2019

Accepted: 30-Oct-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Plant Growers Australia

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362659050

Fax: 0362659919

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



Plant Varieties Journal - Search Result Details

Strand Medic (*Medicago littoralis*)

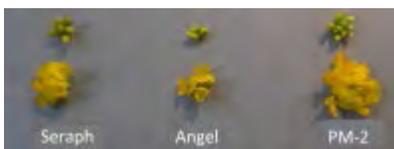
Variety: 'Seraph'
Synonym: N/A

Application no: 2015/122
Current status: ACCEPTED
Certificate no: N/A
Received: 29-May-2015
Accepted: 10-Jun-2015
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute).
Agent: N/A
Telephone: 0883039494
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Subterranean Clover (*Trifolium subterraneum*)

Variety: 'Jupiter'
Synonym: N/A

Application no: 2019/054
Current status: ACCEPTED
Certificate no: N/A
Received: 01-Apr-2019
Accepted: 15-May-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Pristine Forage Technologies Pty Ltd
Agent: N/A
Telephone: 0872250394
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Subterranean Clover (*Trifolium subterraneum*)

Variety: 'Saturn'
Synonym: N/A

Application no: 2019/053
Current status: ACCEPTED
Certificate no: N/A
Received: 01-Apr-2019
Accepted: 15-May-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Pristine Forage Technologies Pty Ltd
Agent: N/A
Telephone: 0872250394
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Sweet Orange (*Citrus sinensis*)**Variety:** 'Rusty'**Synonym:** N/A**Application no:** 2017/024**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Jan-2017**Accepted:** 14-Mar-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Russell Anderson**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Thrift (*Armeria pseudarmeria*)

Variety: 'Dream Weaver'
Synonym: N/A

Application no: 2019/166

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2019

Accepted: 16-Sep-2019

Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Plant Growers Australia

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362659050

Fax: 0362659919

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



Plant Varieties Journal - Search Result Details

Velvet bean (*Mucuna pruriens*)

Variety: '12A-004'
Synonym: N/A

Application no: 2019/282
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Dec-2019
Accepted: 20-Jan-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Paragon Seeds Australia
Agent: N/A
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Watermelon (*Citrullus lanatus*)

Variety: 'AYAMI'
Synonym: N/A

Application no: 2019/165
Current status: ACCEPTED
Certificate no: N/A
Received: 22-Aug-2019
Accepted: 04-Sep-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Nunhems B.V.
Agent: Shelston IP
Telephone: 0297771111
Fax: 0292414666

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



'Ayami'

'Ocelot'

Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium floriferum*)**Variety:** 'Pinnacle Pink'**Synonym:** N/A**Application no:** 2019/105**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Jun-2019**Accepted:** 09-Jul-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Botanic Gardens and Parks Authority**Agent:** Helix Australia (Goldsash Corporation Pty Ltd)**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'HAMMER CL PLUS'**Synonym:** N/A**Application no:** 2020/100**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-May-2020**Accepted:** 09-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'BALLISTA'
Synonym: N/A

Application no: 2020/099
Current status: ACCEPTED
Certificate no: N/A
Received: 22-May-2020
Accepted: 09-Jul-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Sunflex'**Synonym:** N/A**Application no:** 2020/110**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2020**Accepted:** 23-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Denison'**Synonym:** N/A**Application no:** 2020/109**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2020**Accepted:** 23-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Sunmaster'**Synonym:** N/A**Application no:** 2020/111**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2020**Accepted:** 23-Jul-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'STING'
Synonym: N/A

Application no: 2020/101
Current status: ACCEPTED
Certificate no: N/A
Received: 22-May-2020
Accepted: 09-Jul-2020
Granted: N/A

Description published in Plant Varieties Journal: Volume 34, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

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



Details of Application		
Application Number	2018/372	
Variety Name	'MOBAL 30'	
Genus Species	<i>Aloe variegata</i>	
Accepted Date	21 Dec 2018	
Applicant	Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW	
Agent	Sprint Horticulture Pty Ltd, Peats Ridge, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Peats Ridge, NSW	
Descriptor	TG/130/1	
Period	Aug 2019 - Dec 2020	
Conditions	All plants grown in 12cm plastic pots under plastic cove in a commercial soil mix suitable for succulents; irrigated as required.	
Trial Design	Pots arranged in randomized block design.	
Measurements	As per UPOV Technical Guidelines	
Origin and Breeding		
Controlled pollination: A common <i>Aloe variegata</i> free line was pollinated by a selection of <i>A. variegata</i> , # 834, in May 2011 in a commercial nursery at Macquarie Fields NSW. The harvested seed was sown in pots and the seedlings observed until plant maturity. Characters used in selection were: Plant form: low; Popping ability: restricted; Leaf Variegation: absent to nearly absent. The selection 'MOBAL 30' was made in June 2012. The selection has been shown to be stable for all characters over ten generations of propagation. Breeder: Graham N Brown, Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	colour of marginal zone of upper side	white
Leaf	non-marginal spines or white tubercles	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
<i>Aloe variegata</i>	species	

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

Organ/Plant Part: Context	'MOBAL 30'	<i>Aloe variegata</i>
<input checked="" type="checkbox"/> Plant: length	short to medium	very short to short
<input type="checkbox"/> Plant: width	medium	medium to broad
<input type="checkbox"/> *Leaf: length	short to medium	short

<input type="checkbox"/> *Leaf: width (at base)	broad	very broad
<input checked="" type="checkbox"/> *Leaf: shape	narrow triangular	medium triangular
<input type="checkbox"/> Leaf: thickness	medium to thick	medium to thick
<input type="checkbox"/> Leaf: curvature	horizontal to recurved	horizontal to recurved
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	more than one	more than one
<input type="checkbox"/> *Leaf: pattern of secondary colour of upper side	striped only	spotted only
<input checked="" type="checkbox"/> *Leaf: marginal teeth	present	absent
<input type="checkbox"/> *Leaf: colour of marginal teeth	white	absent
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'MOBAI 30'	'Aloe variegata'
<input type="checkbox"/> Leaf: number of colours of upper side	more than one	more than one
<input type="checkbox"/> Leaf: pattern of secondary colour of upper side	striped only	spotted only

Prior Applications and Sales:

Nil

First sold in Australia, 1 August 2018

Description: **John Oates**, Merimbula, NSW.

Details of Application		
Application Number	2019/167	
Variety Name	'Pinkberry Ruffles'	
Genus Species	<i>Lavandula pedunculata</i>	
Common Name	Spanish Lavender	
Accepted Date	16 Sep 2019	
Applicant	Plant Growers Australia, Wonga Park, VIC	
Agent	Plants Management Australia Pty. Ltd.; Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	TG/194/1 <i>Lavandula</i> (<i>Lavandula</i>)	
Period	January 2020 to October 2020	
Conditions	Trial conducted in the open, plants propagated from cuttings during January 2020, transferred from tubes to 140mm pots in March 2020. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
Self-pollination: Self-pollination occurred with the maternal parent 'Blueberry Ruffles' in October 2013 as part of an ongoing breeding program to produce a selection with dark flowers and light coloured infertile bracts in a dense plant habit. Seedlings were raised in February 2014 and grown to flowering maturity spring 2014. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further 12 months. In October 2015 a final selection was made on the criteria including Inflorescence bract colour mauve-pink, attitude of infertile bracts spreading, flower colour dark violet - blue and plant habit dense. All subsequent generations have remained uniform and stable. Breeders: Steve Eggleton and Howard Bentley, Plant Growers Australia, 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	colour of calyx	purplish
Spike	shape	cylindrical
Spike	presence of infertile bracts	present
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Blueberry Ruffles'		
'Winter Lace'		

'Fairy Wings Spellbound'	
--------------------------	--

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

Organ/Plant Part: Context	'Pinkberry Ruffles'	'Blueberry Ruffles'	'Fairy Wings Spellbound'	'Winter Lace'
<input checked="" type="checkbox"/> *Plant: growth habit	bushy	bushy	globular	bushy
<input type="checkbox"/> *Plant: size	medium	medium	medium	medium to large
<input type="checkbox"/> Plant: intensity of green colour of foliage	light to medium	light to medium	medium	light to medium
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	weak to medium	very weak to weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	erect	erect	spreading	semi-erect
<input checked="" type="checkbox"/> *Plant: density	dense	dense	open to medium	medium to dense
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	short	short	short to medium	medium
<input checked="" type="checkbox"/> Flowering stem: thickness at middle third	medium	thin	thin	thin
<input type="checkbox"/> *Flowering stem: intensity of green colour	light to medium	medium	medium	medium
<input checked="" type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	strong	medium	medium	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent	absent
<input type="checkbox"/> *Spike: maximum width	narrow to medium	narrow to medium	narrow to medium	medium
<input checked="" type="checkbox"/> *Spike: total length	short	medium	short	medium
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	few to medium	medium	few to medium	medium
<input type="checkbox"/> Spike: width of fertile bracts	medium to broad	medium	medium to broad	broad
<input checked="" type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only)	green	violet	green	violet
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present	present

<input type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	medium to long	medium	medium to long	medium
<input checked="" type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only)	obovate	obovate	oblong	oblong
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	76B+C	N78 B+C	83B+C	N87B
<input type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	medium to strong	medium	medium	medium to strong
<input type="checkbox"/> *Flower: colour of calyx	purplish	purplish	purplish	purplish
<input checked="" type="checkbox"/> Flower: pubescence of calyx	strong	weak to medium	medium to strong	medium
<input type="checkbox"/> *Corolla: colour	violet	violet	violet	violet
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	early to medium	early	early

Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context	'Pinkberry Ruffles'	'Blueberry Ruffles'	'Fairy Wings Spellbound'	'Winter Lace'
<input checked="" type="checkbox"/> Spike: main colour of infertile bracts	purple	purple	violet	violet
<input type="checkbox"/> Corolla: colour (RHS colour chart)	N92 A	N92A	N92A	N92C
<input type="checkbox"/> Leaf: Length	short to medium	short to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: Width	narrow	medium	narrow	narrow
<input type="checkbox"/> Spike: Width of infertile bracts	broad	medium to broad	narrow to medium	medium

Prior Applications and Sales:

Nil

First sold in Australia, 03 September 2018

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

Details of Application		
Application Number	2014/074	
Variety Name	'WA01'	
Genus Species	<i>Hibbertia spicata</i> ssp <i>leptotheca</i>	
Common Name	Hibbertia	
Accepted Date	12 May 2014	
Applicant	Perth Plant Propagation Pty. Ltd., Whiteman, WA	
Agent	Ozbreed Pty Ltd, Clarendon, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW	
Descriptor	PBR General Descriptor	
Period	Jan 2020 - Nov 2020	
Conditions	Plants grown in 15cm pots under shade, irrigated overhead as required	
Trial Design	Pots spaced at random	
Measurements	As per UPOV Guidelines	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
<p>Open Pollination: In March 2010, cutting propagation took place from selected seedlings of cultivated plants of <i>Hibbertia spicata</i> ssp. <i>leptotheca</i>. These plants were grown together and seedlings were observed in October 2010. In March 2011, compact selections were made from this population. Assessment was carried out on propagation response and general agronomic attributes plant height very short. The final selection 'WA01' was made during 2011. It has been propagated through five generations with no off types observed. Breeder: David Hancock, Perth Plant Propagation Pty. Ltd., Whiteman WA</p>		
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
Plant	height	very short
Leaf	shape	oblong
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
<i>Hibbertia spicata</i> ssp <i>leptotheca</i>	common form	

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

Organ/Plant Part: Context	‘WA01’	<i>Hibbertia spicata</i> ssp <i>leptotheca</i> common form
<input type="checkbox"/> Plant: type	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input type="checkbox"/> Plant: size	small	small
<input type="checkbox"/> Plant: height	short	short
<input type="checkbox"/> Plant: width	medium to broad	broad
<input type="checkbox"/> Plant: time of beginning of flowering	late	late
<input type="checkbox"/> Plant: time of maturity	medium	medium
<input type="checkbox"/> Stem: degree of hairiness	absent or low	absent or low
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	small	small
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: length of blade	short	short
<input type="checkbox"/> Leaf: width of blade	very narrow	very narrow
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input type="checkbox"/> Leaf: shape	oblong	oblong
<input type="checkbox"/> Leaf: shape of apex	apiculate	apiculate
<input type="checkbox"/> Leaf: shape of base	cuneate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	convex	convex
<input type="checkbox"/> Leaf: curvature of longitudinal axis	recurved	recurved
<input type="checkbox"/> Leaf: glossiness of upper side	very strong	strong
<input checked="" type="checkbox"/> Leaf: green colour	dark	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	139A	139A
<input type="checkbox"/> Leaf colour: number of colours	one	one

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'WA01'	<i>Hibbertia spicata</i> ssp <i>leptotheca</i> common form
<input checked="" type="checkbox"/> Stem: internode length	short	medium
<input checked="" type="checkbox"/> Plant : basal branching	medium to strong	weak

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2019/246	
Variety Name	'KORjupvio'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	03 Dec 2019	
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.	
Agent	Midwood Roses Pty Ltd, Portland, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'KORjupvio' was the resultant seedling from a cross between an unnamed seed parent with another unnamed seedling (MACgenev x unnamed seedling) in May 2008 at the breeding facility of W. Kordes Sohne in Sparrieshoop, Germany. The seedling was selected in May 2009 and was budded onto <i>Rosa canina</i> planted in the open field. Follow up selections took place in 2010 and 2011 and was commercially introduced into Europe in September 2018. All breeding and selection processes were conducted by or under the supervision of Wilhelm-Alexander Kordes. Breeder: Wilhelm-Alexander Kordes, W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	semi-upright
Plant	height	tall
Flower	type	double
Flower	colour group	red-purple to purple

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

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

Organ/Plant Part: Context	'KORjupvio'	'KORfriedhar'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi-upright	semi-upright
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> Stem: number of prickles	few to medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	weak	medium to strong
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	strong	weak
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	narrow elliptic	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	cordate	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	red purple	purple
<input checked="" type="checkbox"/> Flower: colour of the centre	pink	purple
<input checked="" type="checkbox"/> Flower: density of petals	loose	medium
<input checked="" type="checkbox"/> *Flower: diameter	medium	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input checked="" type="checkbox"/> Flower: fragrance	strong	absent or weak

<input type="checkbox"/> *Sepal: extensions	strong to very strong	strong to very strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	rounded	rounded
<input type="checkbox"/> Petal: incisions	medium	medium
<input type="checkbox"/> Petal: reflexing of margin	weak to medium	medium
<input checked="" type="checkbox"/> Petal: undulation	absent or very weak	medium
<input checked="" type="checkbox"/> *Petal: size	small	large
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	72C	76D
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot-on inner side	very small	small to medium
<input checked="" type="checkbox"/> *Petal: colour of basal spot-on inner side	white	medium yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	72C	76D
<input type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	medium yellow
<input checked="" type="checkbox"/> Seed vessel: size	very small	medium
<input type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2018	Applied	'KORjupvio'
JP	2019	Applied	'KORjupvio'

First sold in EU in Sep 2018

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2019/249	
Variety Name	'KORgehaque'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	04 Dec 2019	
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.	
Agent	Midwood Roses Pty Ltd, Portland, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'KORgehaque' was the resultant seedling from a cross between the seed parent 'AUSham' and an unnamed seedling (unnamed seedling x 'KORTocrea') in May 2005 at the breeding facility of W. Kordes Sohne in Sparrieshoop, Germany. The seedling was selected in May 2005 and was budded onto <i>Rosa canina</i> planted in the open field. Follow up selections took place in 2007 and 2008 and was commercially introduced into Europe in October 2016. All processes were conducted by or under the supervision of Wilhelm-Alexander Kordes. Breeder's: Wilhelm-Alexander Kordes, W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	upright
Plant	height	very tall
Flower	type	double
Flower	colour group	pink
Flower	density of petals	loose
Flower	shape	round
Flower	diameter	medium

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

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

Organ/Plant Part: Context	'KORgehaque'	'AUSencart'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	very tall	very tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	very weak
<input checked="" type="checkbox"/> Stem: number of prickles	many	very many
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	light
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	medium	weak to medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	medium elliptic
<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	-
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	-
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	-
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	few to medium	medium to many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	loose	loose
<input type="checkbox"/> *Flower: diameter	medium	medium
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex

<input type="checkbox"/> Flower: fragrance	medium	medium
<input checked="" type="checkbox"/> *Sepal: extensions	medium	strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/> *Petal: shape	rounded	obcordate
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: reflexing of margin	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation	medium	very weak to weak
<input checked="" type="checkbox"/> *Petal: size	medium to large	small
<input type="checkbox"/> *Petal: length	medium	medium to long
<input type="checkbox"/> *Petal: width	medium	narrow to medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	53D	66A
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	medium	medium
<input type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	light yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	58C	64D
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	purple	light yellow
<input type="checkbox"/> Seed vessel: size	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'KORgehaque'

First sold in EU in Oct 2016

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application	
Application Number	2018/173
Variety Name	'Winterset'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	SBA 03
Accepted Date	29 Aug 2018
Applicant	Colorado State University Research Foundation, Colorado, USA
Agent	Snack Brands Australia, Building E, Level 3, 24-32 Lexington Drive, Bella Vista, NSW, 2153, Australia
Qualified Person	Stewart McKay
Details of Comparative Trial	
Location	Agronico P/L, Leith, Tasmania
Descriptor	TG/23/6
Period	2nd Feb 2019 - 30th May 2019
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used
Measurements	Trial data was collected on 15th May 2019 using the standard UPOV descriptors. Lightsprout photos were taken on 3rd November 2020 and tuber assessments done on 15th May 2019.
RHS Chart - edition	
Origin and Breeding	
<p>Controlled pollination: 'Winterset', tested under pedigree number CO02321-4W, was selected in 2004 at the San Luis Valley Research Center - Colorado State University, Center Colorado. It resulted from a cross of NY115W and BC0894-2W made at the San Luis Valley Research Center in 2002. Primary criteria used in selecting 'Winterset' were yield potential, chip processing quality, and resistance to internal and external grade defects. The process involved: 1. Select parents for crossing and true seed production in the greenhouse at the San Luis Valley Research Center (Y:2002). 2 Produce seedling tubers from true seed in the greenhouse at the San Luis Valley Research Center (Y:2003). 3 Four hundred and eighty-nine seedling tubers of the family designated as CO02321 were planted as single hills and underwent the first cycle of field selection at harvest at the San Luis Valley Research Center (Y:2004). Selection was primarily based on tuber appearance. 4 Twelve-hills of each single-hill selection are planted. Second cycle of field selection (Y:2005). 5 Preliminary Selections 1 (P1). Third cycle of field selection (48 plant tuber-unit seed increase) (Y:2006). Initial evaluations for chipping qualities (chip color after various storage regimes and specific gravity) are conducted this year and subsequently. 6 Preliminary Selections 2 (P2). Fourth cycle of field selection (96 plant tuber-unit seed increase) (Y:2007). Initial evaluations to characterize selections for blackspot bruise potential, storage weight loss, dormancy, and enzymatic browning. Initial evaluations for french fry potential (french fry color and specific gravity) are conducted this year and subsequently. Evaluations for chipping qualities are continued. 7 Intermediate Selections. Fifth cycle of field selection (Y:2008). Initial data collected on yield, grade, and growth characteristics. Plant a 144 plant tuber-unit seed increase and a 2 rep x 25 plants intermediate yield trial (IYT). 8-9, 14+ Advanced Selections: Includes selections that have advanced from the IYT. Additionally selections are included that have graduated from the Southwest Regional and Western Regional Trials. The advanced yield trials for reds, specialty types, and chippers are planted with entries in the Western</p>	

Regional Red, Specialty and Chip Trials. Selections are in the 6th-7th and 12+ cycles of field selection. All advanced yield trials (AYT) have 4 reps x 25 plants. Sixth- and seventh- year field selections respectively have a 400/1,600 plant tuber-unit seed increase. Selections in the sixth cycle of selection (Y:2009) are indexed for viruses and clean up/micropropagation is initiated. Testing for ring rot and PLRV reaction is also initiated at this stage and continues as needed. Selections in the 7th cycle of field selection are entered into cultural management trials and postharvest disease reaction (dry rot and soft rot) evaluations. 10 All 8th year selections have a 1/2 acre tuber-unit seed increase planted. These selections are entered in the Southwestern Regional Trials (4 locations - CO, TX, two in CA) (Y:2010). Cultural management trials and postharvest disease reaction evaluations continue as needed. 11-13 All 9th year or older selections generally have a 1 acre or greater seed increase. These selections are entered in the Western Regional Trials (4 trials): main (russets and long whites), red, specialty, and chip (Y:2011-2013). The Western Regional Committee (WERA027) directs these trials at 10+ locations in the Western United States each year. Cultural management trials and postharvest disease reaction evaluations continue as needed. 11+ Grower/industry evaluations. The Colorado Potato Breeding and Selection Project relies on the cooperation of several growers, shippers, and processors to evaluate advanced selections for adaptability and marketability. 14+ Release as a named cultivar. Breeder: Dr. David G. Holm, Colorado State University Research Foundation, Colorado, 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
Lightsprout	shape	broad cylindrical
Lightsprout	proportion of blue in anthocyanin colouration of base	medium
Lightsprout	number of root tips	many to very many
Plant	growth habit	semi-upright to spreading
Tuber	depth of eyes	medium to deep
Tuber	colour of skin	yellow
Tuber	colour of base of eye	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	'Winterset' is a possible replacement for 'Atlantic'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Snowden'	tuber	colour of flesh	light yellow	white	
'Snowden'	leaf	openness	intermediate	closed	

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

Organ/Plant Part: Context	'Winterset'	'Atlantic'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	broad cylindrical	broad cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium to

		strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	very strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium to strong	weak to medium
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong to very strong	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	many to very many	many to very many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	weak to medium
<input checked="" type="checkbox"/> Leaf: outline size	medium	large
<input type="checkbox"/> Leaf: openness	intermediate	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	medium
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak to medium	weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	small	medium to large
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	narrow to medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	low
<input type="checkbox"/> Leaflet: waviness of margin	medium	weak to medium
<input type="checkbox"/> Leaflet: depth of veins	medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	dull to medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input checked="" type="checkbox"/> Flower bud: anthocyanin colouration	medium	strong to very strong
<input checked="" type="checkbox"/> Plant: height	medium	tall
<input checked="" type="checkbox"/> *Plant: frequency of flowers	medium	high
<input type="checkbox"/> Inflorescence: size	medium	medium to large
<input checked="" type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak	weak to medium
<input type="checkbox"/> Flower corolla: size	medium	medium to large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner sides	weak	weak to medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin	absent or low	absent or low

colouration on inner side		
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	medium	medium to large
<input type="checkbox"/> *Plant: time of maturity	medium	medium
<input type="checkbox"/> *Tuber: shape	oval	short-oval
<input type="checkbox"/> Tuber: depth of eyes	medium to deep	medium to deep
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	light yellow	cream
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2018	pending	'Winterset'

No prior sale.

Description: **Stewart McKay**, Leith TAS 7315

Details of Application	
Application Number	2020/113
Variety Name	'Suncentral'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread Wheat
Synonym	
Accepted Date	27 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between the two parents in 2011 resulting in the population coded BX7915. The population was selfed from the F1 to F4 generations and grown in the field at Roseworthy (SA) and Narrabri (NSW), with selection for plant type, maturity and rust resistances. In 2014 these lines entered AGT's agronomic, disease and quality testing network	

across; Queensland, New South Wales, Victoria, South Australia and Western Australia. In 2017 a selection was identified which became SUN972V. In 2019 SUN972V entered the National Variety Trials (NVT) across; Queensland, New South Wales and Victoria. Seed purification began in 2018 and this seed was used as the source for commercial seed multiplication. Breeders: Dr Meiqin Lu, Mr Thomas Kapcejevs and Dr Michael Quinn, Australian Grain Technologies Pty Ltd.

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	erect to semi erect
Plant	frequency of plants with recurve leaf	low to medium
Flag leaf	anthocyanin colouration of auricles	absent or weak
Culm	glaucosity of neck	weak
Ear	scurs or awns	awns present
Ear	colour	white
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Suntop'	Matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sunmate'	glutenin composition	allele expression at locus glu-a1	B (2*)	a (1)
'Sunmate'	flag leaf	glaucosity of sheath	weak	strong
'Sunprime'	glutenin composition	allele expression at locus glu-b1	b	a1
'Sunprime'	straw	pith in cross section	medium	thick or filled
'LRPB Mustang'	plant	vrn-b1 vernalisation gene	spring	winter
'LRPB Mustang'	straw	pith in cross section	medium	thin
'LRPB Spitfire'	plant	height gene	Rht1	Rht2
'LRPB'	straw	pith in cross	medium	very thin to thin

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

Organ/Plant Part: Context	'Suncentral'	'Suntop'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak
<input type="checkbox"/> *Time of: ear emergence	early to medium	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	absent or very weak	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	very weak to weak
<input type="checkbox"/> Culm: glaucosity of neck	weak	weak
<input type="checkbox"/> * Lower glume: area of hairiness on external surface	absent	absent
<input type="checkbox"/> *Plant: length	long	long
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thin
<input checked="" type="checkbox"/> *Ear: density	lax	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	short	short
<input type="checkbox"/> *Ear: colour	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	very narrow to narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly elevated
<input checked="" type="checkbox"/> Lower glume: length of beak	short to medium	medium
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Suncentral'	'Suntop'
<input type="checkbox"/> Ear: length (mm)		
Mean	109.30	104.40
Std. Deviation	4.10	0.50
LSD/sig	7.4	ns

<input type="checkbox"/> Plant: time of ear emergence (Julian days)		
Mean	250.00	252.00
Std. Deviation	1.73	1.70
LSD/sig	2.0	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)		
Mean	182.20	185.00
Std. Deviation	23.70	20.90
LSD/sig	38.1	ns
<input type="checkbox"/> Plant: height (cm)		
Mean	87.70	90.80
Std. Deviation	4.10	1.60
LSD/sig	8.8	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application	
Application Number	2020/114
Variety Name	'Sunblade CL Plus'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread wheat
Synonym	
Accepted Date	27 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between the two parents in 2011 resulting in the population coded BX7990. The population was selfed from the F1 to F4 generations and grown in the field at Roseworthy (SA) and Narrabri (NSW), screened for the Imidazolinone herbicide tolerance and selected for plant type, maturity and rust resistances. In 2014 these lines entered AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2017 a selection was identified which became SUN968G. In 2019 SUN968G entered the National Variety Trials (NVT) across; Queensland, New South	

Wales, Victoria and South Australia. Seed purification began in 2017 and this seed was used as the source for commercial seed multiplication. Breeders: Dr Meiqin Lu, Mr Thomas Kapcejevs and Dr Michael Quinn, Australian Grain Technologies Pty Ltd.

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	tolerance to 1500ml/ha of Imidazolinone	very high
Seed	colour	white
Plant	growth habit	erect to semi erect - erect
Plant	frequency of plants with recurve flag leaves	low to medium
Flag leaf	anthocyanin colouration of auricles	absent or weak
Straw	pith in cross section	thin
Ear	scurs and awns	awns present
Ear	colour	white
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Elmore CL Plus'	Matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Suntop'	plant	tolerance to 1500ml/ha Imidazolinone	very high	very low	
'LRPB Reliant'	plant	tolerance to 1500ml/ha Imidazolinone	very high	very low	
'LRPB Spitfire'	plant	tolerance to 1500ml/ha Imidazolinone	very high	very low	
'Coolah'	plant	tolerance to 1500ml/ha Imidazolinone	very high	very low	
'Hatchet CL Plus'	plant	time of ear emergence	medium	very early	
'Kord CL Plus'	ear	glaucosity	weak	strong to very strong	
'Razor CL Plus'	plant	time of ear emergence	medium	early	
'Grenade CL Plus'	culm	glaucosity of neck	weak to medium	strong to very strong	
'Impress	straw	pith in cross	thin	thick	

CL Plus'		section			
'Chief CL Plus'	straw	pith in cross section	thin	thick	
'Sheriff CL Plus'	straw	pith in cross section	thin	thick	
'Justica CL Plus'	flag leaf	glaucosity of sheath	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	'Sunblade CL Plus'	'Elmore CL Plus'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak
<input type="checkbox"/> *Time of: ear emergence	medium	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	very weak to weak	weak
<input checked="" type="checkbox"/> *Ear: glaucosity	weak	medium to strong
<input type="checkbox"/> Culm: glaucosity of neck	weak to medium	weak
<input type="checkbox"/> * Lower glume: area of hairiness on external surface	absent	absent
<input type="checkbox"/> *Plant: length	medium	medium to long
<input type="checkbox"/> *Straw: pith in cross section	thin	thin
<input type="checkbox"/> *Ear: density	medium	lax to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	short	short
<input type="checkbox"/> *Ear: colour	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	strongly sloping to slightly sloping	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	long	very short to short
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight to slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Sunblade CL Plus'	'Elmore CL Plus'
<input type="checkbox"/> Plant: Tolerance to 1500ml/ha Imidazolinone	very high	very high
Statistical Table		
Organ/Plant Part: Context	'Sunblade CL Plus'	'Elmore CL Plus'
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	90.90	77.90
Std. Deviation	1.80	0.90
LSD/sig	7.4	P≤0.01
<input type="checkbox"/> Plant: time of ear emergence (Julian days)		
Mean	252.20	254.00
Std. Deviation	0.80	1.00
LSD/sig	2.0	ns
<input type="checkbox"/> Flag leaf: length (mm)		
Mean	163.50	165.30
Std. Deviation	11.80	13.00
LSD/sig	38.1	ns
<input type="checkbox"/> Plant: height (cm)		
Mean	77.50	80.60
Std. Deviation	2.10	1.80
LSD/sig	8.8	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application	
Application Number	2020/112
Variety Name	'Coota'
Genus Species	<i>Triticum aestivum</i>
Common Name	Bread Wheat
Synonym	
Accepted Date	27 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, PO Box 341, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A final cross was made between the parents resulting in the population coded V10100. The population was selfed from the F1 to F4 generations and a single plant was selected in the field at Horsham (Vic), with selection for plant type, maturity and rust resistance, which was coded V10100-064. In 2013 this line entered AGT's agronomic, disease and quality testing network	

across Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2019 V10100-064 entered the National Variety Trials (NVT) across South Australia, Victoria, Queensland and New South Wales. Seed purification began in 2017 and this seed was used as the source for commercial seed multiplication. Breeder: Dr Russell Eastwood Australian Grain Technologies Pty Ltd.

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LRPB Trojan'	Matches all grouping characteristics
'Wyalkatchem'	Matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Beckom'	glutenin composition	allele expression at locus GLU-B1	a	b	
'Beckom'	flag leaf	glaucosity of sheath	weak to medium	medium to strong	
'EGA Gregory'	plant	height	short to medium	long	
'Suntop'	plant	height	short to medium	long	
'LRPB Lancer'	plant	LR24 gene	absent	present	
'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	'Coota'	'LRPB Trojan'	'Wyalkatchem'
<input type="checkbox"/> Seed: colour	white	white	white

<input type="checkbox"/> *Plant: growth habit	semi erect	semi erect	semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	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
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	medium	weak to medium
<input type="checkbox"/> *Ear: Time of emergence	medium to late	medium to late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	medium	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	very weak to weak	very weak to weak	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	medium	medium	medium to strong
<input type="checkbox"/> Culm: glaucosity of neck	weak to medium	medium	weak to medium
<input type="checkbox"/> * Lower glume: area of hairiness on external surface	absent	absent	absent
<input type="checkbox"/> *Plant: length	medium	medium to long	medium
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> *Ear: density	medium	medium	medium to dense
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	short	short	short
<input type="checkbox"/> *Ear: colour	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	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
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly elevated	slightly elevated
<input checked="" type="checkbox"/> Lower glume: length of beak	short	short	medium
<input checked="" type="checkbox"/> *Lower glume: shape of beak	slightly curved to moderately curved	straight	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Coota'	'LRPB Trojan'	'Wyalkatchem'
<input checked="" type="checkbox"/> Ear: length (mm)			
Mean	79.40	92.90	79.80
Std. Deviation	2.20	3.50	1.50

LSD/sig	7.4	P≤0.01	ns
<input type="checkbox"/> Plant: time of ear emergence (Julian days)			
Mean	256.00	256.00	252.70
Std. Deviation	1.20	1.20	0.60
LSD/sig	2.0	ns	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)			
Mean	173.00	152.80	199.90
Std. Deviation	11.90	10.20	13.60
LSD/sig	38.1	ns	ns
<input type="checkbox"/> Plant: height (cm)			
Mean	77.30	80.90	74.70
Std. Deviation	1.60	1.00	0.60
LSD/sig	8.8	ns	ns

Prior Applications and Sales:

No prior application or sale

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

Details of Application		
Application Number	2017/028	
Variety Name	WT03	
Genus Species	<i>Thymus serpyllum</i>	
Common Name	Thyme	
Accepted Date	16 May 2017	
Applicant	Ozbreed Pty Ltd, Clarendon NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW Australia	
Descriptor	TG/190/1	
Period	Nov 2019 - Nov 2020	
Conditions	Plants growing in commercial potting mix in 150mm plastic pots; overhead watering as required; 30% shade cloth over.	
Trial Design	Plants arranged in randomized pattern	
Measurements	As per UPOV technical guidelines	
RHS Chart - edition	Sixth edition (2015)	
Origin and Breeding		
Open pollination: In March 2015 seed was collected and sown from a batch of plants of the species growing in a breeding block in the nursery. In July the seedlings were potted and grown on for assessment. In November 2015, 30 were selected as being 'stronger flavour'. After further testing a single selection was made based on the strong flavour and later seed production. The variety selected now referred to as 'WT03' has been uniform and stable through the selection period and into production trials for 5 generations. Breeder:” Todd Layt, Ozbreed Pty Ltd, Clarendon NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	variegation	absent
Leaf	main colour	green
Plant	male sterility	present
Flower	colour of petal	light violet
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
Common form		

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

Organ/Plant Part: Context	'WT03'	Common form
<input type="checkbox"/> *Plant: growth habit	semi-erect to prostrate	semi-erect to prostrate
<input checked="" type="checkbox"/> *Plant: height	medium	very short to short

<input checked="" type="checkbox"/> *Plant: diameter	medium to large	small to medium
<input type="checkbox"/> *Foliage: density	medium	medium
<input checked="" type="checkbox"/> *Stem: length	long	short
<input type="checkbox"/> Stem: thickness	very thin to thin	very thin
<input type="checkbox"/> *Stem: distribution of leaves	along whole stem	along whole stem
<input type="checkbox"/> *Stem: position of flowering part	along upper half	along upper half
<input type="checkbox"/> Stem: density of flowers	medium to dense	dense
<input type="checkbox"/> Stem: length of flowering part	medium to long	medium to long
<input type="checkbox"/> *Leaf: shape	ovate	ovate
<input checked="" type="checkbox"/> *Leaf: length	medium	short
<input checked="" type="checkbox"/> *Leaf: width at basal part	medium	narrow to medium
<input type="checkbox"/> Leaf: ratio length/width	medium	medium
<input type="checkbox"/> Leaf: prominence of veins on lower side	weak	weak
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> *Leaf: main colour	green	green
<input type="checkbox"/> *Leaf: intensity of main colour	medium	medium
<input type="checkbox"/> *Flower: size	small	small
<input type="checkbox"/> *Flower: colour of petal	light violet	light violet
<input type="checkbox"/> *Flower: length of style	medium to long	medium to long
<input type="checkbox"/> Flower: main colour of style	white	white
<input type="checkbox"/> *Plant: male sterility	present	present

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'WT03'	Common form
<input type="checkbox"/> Flower: colour (RHS)	75C	75C
<input checked="" type="checkbox"/> Leaf: leafedge cilia	few	many
<input type="checkbox"/> Flower: colour	75C	75C

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2017/258	
Variety Name	'ANDBin'	
Genus Species	<i>Agapanthus</i> hybrid	
Common Name	Agapanthus	
Accepted Date	06 Sep 2017	
Applicant	Charles Andrew de Wet, Johannesburg, South Africa	
Agent	Ozbreed Pty Ltd; Richmond, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Overseas Testing Authority	USPTO	
Overseas Data Reference Number	PP26,336	
Location	Loxley, Alabama, USA (Verification trial at Clarendon NSW)	
Descriptor	TG/266/1	
Period	2013-2014 (2020 Australian verification trial)	
Measurements	As per UPOV Technical Guidelines	
RHS Chart - edition	Edition 6 2015	
Origin and Breeding		
<p>Controlled pollination: The Inventor made a cross in October of 2007 in Hartebeespoort, Northwest Province, South Africa between an unnamed plant of <i>Agapanthus caulescens</i> hybrid from the Inventor's breeding program as the female parent and an unnamed plant of <i>Agapanthus campanulatus</i> hybrid from the Inventor's breeding program as the male parent. The Inventor selected 'ANDBIN' in November of 2009 as a single unique plant amongst the seedlings that resulted from the above cross. The objective of the breeding program was to develop new cultivars of <i>Agapanthus</i> that are fast growing, early flowering and that display repeat flowering and unique flower colours. Asexual propagation of the new cultivar was first accomplished by division by the Inventor in Hartebeespoort, Northwest Province, South Africa in February of 2010. Asexual propagation by division and tissue culture has determined that the characteristics of the new cultivar are stable and are reproduced true to type in successive generations. Breeder: Charles Andrew de Wet, Johannesburg, South Africa.</p>		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	evergreen
Leaf	variegation	absent
Flower	type	single
Inflorescence	number of flowers	many
Flower Bud	main colour	Gr. 4: violet blue
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'ATIBlu' (PP14332)		
'Benfran' (PP21705)		

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

Organ/Plant Part: Context	'ANDBin'	'ANDBin' (Verification under Australian conditions)	'ATIBlu' (PP14332)	'Benfran' (PP21705)
<input type="checkbox"/> *Plant: type	evergreen	evergreen	evergreen	evergreen
<input type="checkbox"/> *Plant: density of foliage	medium	medium	dense	dense
<input type="checkbox"/> Plant: number of leaves per shoot	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: length	short to medium	short to medium	medium to long	short to medium
<input type="checkbox"/> *Leaf: width	narrow to medium	narrow	narrow to medium	narrow to medium
<input type="checkbox"/> Leaf: curvature	moderately recurved	moderately recurved	moderately recurved	moderately recurved
<input type="checkbox"/> *Leaf: variegation	absent	absent	absent	absent
<input type="checkbox"/> *Leaf: green colour of upper side (excluding variegation)	medium green	medium green	medium green	medium green
<input type="checkbox"/> *Leaf: anthocyanin colouration at base	absent	absent	absent	absent
<input type="checkbox"/> *Inflorescence bract: anthocyanin colouration	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Inflorescence bract: opening	one side		one side	one side
<input checked="" type="checkbox"/> *Peduncle: length	short to medium	medium	medium to long	short
<input type="checkbox"/> *Peduncle: thickness	medium	thin to medium	medium	thin to medium
<input type="checkbox"/> *Peduncle: shape in cross section	elliptic	circular		
<input type="checkbox"/> *Peduncle: anthocyanin colouration	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Inflorescence: number of flowers	many	many	many	many
<input checked="" type="checkbox"/> *Inflorescence: diameter	small	small	medium	small
<input type="checkbox"/> *Inflorescence: shape in lateral view	narrow oblate	narrow oblate	narrow oblate	narrow oblate
<input checked="" type="checkbox"/> *Flower bud: main colour (RHS Colour Chart)	95B~c to 97B~D	N89D	92A	92B
<input checked="" type="checkbox"/> Flower bud: secondary colour (RHS Colour Chart)	N81A		143C	
<input checked="" type="checkbox"/> Pedicel: length	short	short	medium	medium to long
<input type="checkbox"/> Pedicel: anthocyanin colouration	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Flower: shape	campanulate	campanulate	campanulate	campanulate

<input type="checkbox"/> *Flower: type	single	single	single	single
<input checked="" type="checkbox"/> *Perianth: length	short	short to medium	medium	very short to short
<input type="checkbox"/> *Perianth: diameter	small to medium	medium	medium	medium
<input type="checkbox"/> Perianth: overlapping of tepal lobes	absent	absent	complete	absent
<input checked="" type="checkbox"/> *Perianth tube: length	short to medium	short to medium	medium	short
<input type="checkbox"/> *Perianth tube: main colour of outer side (RHS Colour Chart)	95B~C blended 97B~D	94B	93C	92B
<input type="checkbox"/> Tepal lobe: ratio length/width	strongly elongated	strongly elongated	strongly elongated	strongly elongated
<input type="checkbox"/> *Tepal lobe: colour of marginal zone of inner side (RHS Colour Chart)	95B~D blended 97B~D	94C	92A	92D
<input type="checkbox"/> *Tepal lobe: colour of midrib zone of inner side (RHS Colour Chart)	95B	94B	93C	93B
<input type="checkbox"/> Tepal lobe: transparency of midrib zone of inner side	absent or weak	absent or weak	medium	absent or weak
<input type="checkbox"/> Tepal lobe: undulation of margin	weak	weak	weak	weak
<input type="checkbox"/> *Flower: tepal-like staminodes and pistillodes	absent	absent	absent	absent
<input type="checkbox"/> *Flower: extrusion of stamens	medium	absent or weak	medium	medium
<input type="checkbox"/> *Filament: colour	violet blue	violet blue	violet blue	violet
<input checked="" type="checkbox"/> *Anther: colour	white	light yellow	purple	medium yellow
<input type="checkbox"/> *Style: colour	violet blue	violet blue	violet	violet
<input type="checkbox"/> *Time of: beginning of flowering	early to medium			

Prior Applications and Sales:

Country	Year	Status	Name Applied
South Africa	2013	Pending	'ANDBin'
USA	2014	Granted	'ANDBin'

First sold in South Africa, Sept 2013

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2020/063	
Variety Name	'PMB020'	
Genus Species	<i>Agapanthus orientalis</i>	
Common Name	Agapanthus	
Synonym		
Accepted Date	12 May 2020	
Applicant	Pine Mountain Botanics Pty Ltd; PO Box 5016, Brassall, QLD, 4305	
Agent		
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Pine Mountain, QLD	
Descriptor	Agapanthus TG/266/1	
Period	Autumn - Summer 2020	
Conditions	Trial conducted in open beds, plants propagated from micro-propagation, planted into 175 mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.	
Measurements	From 10 plants at random.	
RHS Chart - edition	2015	
Origin and Breeding		
Controlled pollination: seed parent un-named seedling <i>Agapanthus orientalis</i> x pollen parent 'aga09002' in 2008. The seed pollen parent is characterised by white flower colour, medium number of multi-tepals and medium-large inflorescence diameter. The pollen parent is characterised by white flower colour, an absence of multi-tepals and medium inflorescence diameter. Selection took place in Pine Mountain, QLD in 2010. Selection criteria: white colour flowers, mid height plant, vigorous growth, presence of multi-tepal flowers, large floriferous flower head. Propagation: vegetative micro-propagation and divisions were found to be uniform and stable. Breeder: John Craigie, Pine Mountain, 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
Flower bud	distribution of secondary colour	none
Tepal lobe	main colour	white
Perianth tube	main colour (outer side)	white
Plant	type	evergreen
Leaf	variegation	absent
Flower	type	single
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'WP003'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Snow Storm'	Plant	height	medium	short	
'WP001'	Inflorescence	no. of flowers	many	few-medium	WP001 is also earlier flowering
'Snow Ball'	Plant	height	medium	short	
'Agapetite'	Plant	height	medium	short	
'Getty White'	Inflorescence	diameter	large	medium	Getty White also has frequent multi tepal flowers

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

Organ/Plant Part: Context	'PMB020'	'WP003'
<input type="checkbox"/> *Plant: type	evergreen	evergreen
<input type="checkbox"/> *Plant: density of foliage	sparse to medium	medium
<input type="checkbox"/> Plant: number of leaves per shoot	medium	medium
<input type="checkbox"/> Leaf: length	medium to long	medium
<input checked="" type="checkbox"/> *Leaf: width	medium to broad	narrow to medium
<input checked="" type="checkbox"/> Leaf: curvature	absent or slightly recurved	moderately recurved
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> *Leaf: green colour of upper side (excluding variegation)	light green	medium green
<input type="checkbox"/> *Leaf: anthocyanin colouration at base	absent	absent
<input checked="" type="checkbox"/> Inflorescence bract: length of tip relative to total length of bract	very short	medium
<input type="checkbox"/> *Inflorescence bract: anthocyanin colouration	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Inflorescence bract: opening	both sides	one side
<input checked="" type="checkbox"/> *Peduncle: length	medium	short
<input checked="" type="checkbox"/> *Peduncle: thickness	medium	thin
<input type="checkbox"/> *Peduncle: shape in cross section	elliptic	elliptic
<input type="checkbox"/> *Peduncle: anthocyanin colouration	absent or weak	absent or weak
<input type="checkbox"/> *Inflorescence: number of flowers	many	many
<input type="checkbox"/> *Inflorescence: diameter	large	medium
<input type="checkbox"/> *Inflorescence: shape in lateral view	narrow oblate	narrow oblate

<input type="checkbox"/>	*Flower bud: main colour (RHS Colour Chart)	NN155B	NN155B
<input type="checkbox"/>	*Flower bud: distribution of secondary colour	none	none
<input type="checkbox"/>	Pedicele: length	medium	medium
<input type="checkbox"/>	Pedicele: anthocyanin colouration	absent or weak	absent or weak
<input type="checkbox"/>	*Flower: shape	funnel	funnel
<input type="checkbox"/>	*Flower: type	single	single
<input checked="" type="checkbox"/>	*Perianth: length	medium to long	short to medium
<input checked="" type="checkbox"/>	*Perianth: diameter	medium to large	small to medium
<input type="checkbox"/>	Perianth: overlapping of tepal lobes	incomplete	incomplete
<input type="checkbox"/>	*Perianth tube: length	medium to long	medium
<input type="checkbox"/>	*Perianth tube: main colour of outer side (RHS Colour Chart)	NN155D	NN155D
<input type="checkbox"/>	Tepal lobe: ratio length/width	moderately elongated	moderately elongated
<input type="checkbox"/>	*Tepal lobe: colour of marginal zone of inner side (RHS Colour Chart)	NN155D	NN155D
<input type="checkbox"/>	*Tepal lobe: colour of midrib zone of inner side (RHS Colour Chart)	NN155D	NN155D
<input type="checkbox"/>	Tepal lobe: transparency of midrib zone of inner side	medium	medium
<input type="checkbox"/>	Tepal lobe: undulation of margin	weak	weak
<input type="checkbox"/>	*Flower: tepal-like staminodes and pistillodes	absent	absent
<input type="checkbox"/>	*Flower: extrusion of stamens	medium	medium
<input type="checkbox"/>	*Filament: colour	white	white
<input type="checkbox"/>	*Anther: colour	medium yellow	medium yellow
<input type="checkbox"/>	*Style: colour	white	white
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	medium	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PMB020'	'WP003'
<input type="checkbox"/> Outer leaf: length	medium to long	medium
<input checked="" type="checkbox"/> Outer leaf : width	medium to broad	narrow to medium

Statistical Table

Organ/Plant Part: Context	'PMB020'	'WP003'
<input checked="" type="checkbox"/> Plant: number of leaves per shoot		
Mean	18.40	21.80
Std. Deviation	0.70	2.10
LSD/sig	2.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (cm)		
Mean	59.60	49.40
Std. Deviation	2.10	2.60
LSD/sig	3.08	P≤0.01

<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	39.20	33.80
Std. Deviation	2.90	3.90
LSD/sig	4.39	P≤0.01
<input type="checkbox"/> Outer leaf: length (cm)		
Mean	57.50	47.90
Std. Deviation	3.30	2.30
LSD/sig	3.66	P≤0.01
<input type="checkbox"/> Outer leaf: width (mm)		
Mean	40.70	22.70
Std. Deviation	2.70	1.40
LSD/sig	2.75	P≤0.01
<input type="checkbox"/> Inflorescence: diameter (cm)		
Mean	19.60	16.70
Std. Deviation	1.70	1.20
LSD/sig	1.89	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (cm)		
Mean	79.80	56.00
Std. Deviation	2.30	4.40
LSD/sig	4.52	P≤0.01
<input checked="" type="checkbox"/> Peduncle: diameter (mm)		
Mean	13.20	10.50
Std. Deviation	0.90	0.80
LSD/sig	1.08	P≤0.01
<input type="checkbox"/> Pedicel: length (mm)		
Mean	50.80	48.70
Std. Deviation	9.00	4.30
LSD/sig	9.10	ns
<input checked="" type="checkbox"/> Perianth: length (mm)		
Mean	38.80	30.40
Std. Deviation	1.80	2.30
LSD/sig	2.61	P≤0.01
<input checked="" type="checkbox"/> Perianth: diameter (mm)		
Mean	39.50	24.40
Std. Deviation	2.10	3.10
LSD/sig	3.42	P≤0.01
<input type="checkbox"/> Perianth: tube length (mm)		
Mean	17.10	13.10
Std. Deviation	1.40	1.00
LSD/sig	1.60	P≤0.01
<input checked="" type="checkbox"/> Tepal lobe: length (mm)		
Mean	27.00	21.10
Std. Deviation	1.10	1.90
LSD/sig	1.99	P≤0.01
<input checked="" type="checkbox"/> Tepal lobe : width (mm)		
Mean	11.90	7.80

Std. Deviation	0.60	0.80
LSD/sig	0.88	P≤0.01

Prior Applications and Sales:

No prior sale or application

Description: **Ian Paananen**, McMaster beach, NSW

Details of Application		
Application Number	2018/371	
Variety Name	'MOBAL 20'	
Genus Species	<i>Aloe</i> hybrid	
Common Name	Aloe	
Accepted Date	21 Dec 2018	
Applicant	Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW	
Agent	Sprint Horticulture Pty Ltd, Peats Ridge, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Peats Ridge, NSW	
Descriptor	TG/310/1	
Period	Aug 2019 - Dec 2020	
Conditions	All plants grown in 12cm plastic pots under plastic cover in commercial soil mix suitable for succulents, irrigated as required.	
Trial Design	Pots arranged in randomized block design	
Measurements	As per UPOV technical guidelines	
Origin and Breeding		
Controlled pollination: A hybrid <i>Aloe</i> breeding line, x10.11.1 was pollinated by a sister hybrid <i>Aloe</i> Line, x10.11.5, in May 2011 in a commercial nursery at Macquarie Fields NSW. The harvested seed was sown in pots and the seedlings observed until plant maturity. Characters used in selection were: Plant form: low; Pupping ability: restricted; Leaf Spotting arrangement: extremely dense; Leaf Spotting colour: pale yellow. The selection 'MOBAL 20' was made in June 2012. The selection has been shown to be stable for all characters over ten generations of propagation. Breeder: GN Brown, Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	size of marginal teeth	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Pink Blush'		

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

Organ/Plant Part: Context	'MOBAL 20'	'Pink Blush'
<input type="checkbox"/> Plant: length	very short to short	short
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> *Leaf: length	short	short
<input checked="" type="checkbox"/> *Leaf: width (at base)	very broad	medium
<input checked="" type="checkbox"/> *Leaf: shape	medium triangular	narrow triangular

<input type="checkbox"/>	Leaf: thickness	medium to thick	medium to thick
<input checked="" type="checkbox"/>	Leaf: curvature	horizontal	recurved
<input type="checkbox"/>	Leaf: shape in cross section	concave	concave
<input type="checkbox"/>	Leaf: shape of apex	sharply pointed	pointed
<input type="checkbox"/>	*Leaf: number of colours of upper side	more than one	more than one
<input type="checkbox"/>	*Leaf: main colour of upper side	dark green	dark green
<input type="checkbox"/>	*Leaf: pattern of secondary colour of upper side	spotted and marginal	spotted and marginal
<input type="checkbox"/>	*Leaf: marginal teeth	present	present
<input checked="" type="checkbox"/>	*Leaf: colour of marginal teeth	white	orange
<input type="checkbox"/>	*Leaf: non-marginal spines or white tubercles	upper and lower sides	upper and lower sides
<input type="checkbox"/>	Leaf: distribution of non-marginal spines or white tubercles on lower side	over entire leaf	over entire leaf

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'MOBAL 20'	'Pink Blush'	
<input type="checkbox"/>	Leaf: shape of marginal teeth	dentate	dentate
<input checked="" type="checkbox"/>	Leaf: secondary colour of upper side	whitish	pinkish orange
<input type="checkbox"/>	Leaf: size of marginal teeth	medium	medium
<input checked="" type="checkbox"/>	Leaf: colour of marginal zone of upper side	whitish	redish
<input checked="" type="checkbox"/>	Leaf: density of tubercles	very dense	absent

Prior Applications and Sales:

Nil

First sold in Australia, 1 August 2018

Description: John Oates, Merimbula, NSW

Details of Application		
Application Number	2018/374	
Variety Name	'MOBAL 34'	
Genus Species	<i>Aloe hybrid</i>	
Common Name	Aloe	
Accepted Date	21 Dec 2018	
Applicant	Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW	
Agent	Sprint Horticulture Pty Ltd, Peats Ridge, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Peats Ridge, NSW	
Descriptor	TG/310/1	
Period	Aug 2019 - Dec 2020	
Conditions	All plants grown in 18cm plastic pots under plastic cover in a commercial soli mix suitable for succulents; irrigated as required.	
Trial Design	Pots arranged in randomized block design.	
Measurements	As per UPOV technical guidelines.	
Origin and Breeding		
Controlled breeding program: The female parent an <i>A. bellatula</i> plant was pollinated by pollen from an <i>A. arborescens</i> plant, in May 2011 in a commercial nursery at Macquarie Fields NSW. The harvested seed was sown in pots and the seedlings observed until plant maturity. Characters used in selection were: Plant form: low; Popping ability: present; Leaf warts: small. The selection 'MOBAL 34' was made in June 2012. The selection has been shown to be stable for all characters over ten generations of propagation. Breeder: GN Brown, Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	colour of marginal zone of upper side	green
Leaf	marginal teeth	present
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Echidna'		

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

Organ/Plant Part: Context	'MOBAL 34'	'Echidna'
<input type="checkbox"/> Plant: length	medium	medium
<input type="checkbox"/> Plant: width	medium to broad	medium to broad
<input type="checkbox"/> *Leaf: length	medium	medium
<input type="checkbox"/> *Leaf: width (at base)	medium	medium
<input type="checkbox"/> *Leaf: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf: thickness	medium to thick	medium to thick
<input checked="" type="checkbox"/> Leaf: curvature	recurved	incurved to horizontal
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input checked="" type="checkbox"/> *Leaf: main colour of upper side	light green	blue-grey
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input type="checkbox"/> *Leaf: colour of marginal teeth	white	white
<input checked="" type="checkbox"/> *Leaf: non-marginal spines or white tubercles	upper and lower sides	lower side only
<input type="checkbox"/> Leaf: distribution of non-marginal spines or white tubercles on lower side	over entire leaf	over entire leaf

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MOBAL 34'	'Echidna'
<input type="checkbox"/> Plant: pupping	present	present
<input checked="" type="checkbox"/> Leaf: size of marginal teeth	small	large
<input type="checkbox"/> Leaf: colour of marginal zone of upper side	green	green
<input type="checkbox"/> Leaf: spots on upper side	absent	absent

Prior Applications and Sales:

Nil

First sold in Australia, 1 August 2018

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2018/370	
Variety Name	'MOBAL 18'	
Genus Species	<i>Aloe variegata</i>	
Common Name	Aloe	
Accepted Date	20 Dec 2018	
Applicant	Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW	
Agent	Sprint Horticulture Pty Ltd, Peats Ridge, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Peats Ridge NSW	
Descriptor	TG/310/1	
Period	Aug 2019 - Dec 2020	
Conditions	All plants grown in 12cm plastic pots under plastic cover in a commercial soil mix suitable for succulents, irrigated as required.	
Trial Design	Pots arranged in random block design.	
Measurements	As per UPOV technical guidelines.	
Origin and Breeding		
Controlled pollination: A commercial free line of <i>Aloe variegata</i> was pollinated by a <i>A. variegata</i> breeding line, x10.11.1, in May 2011 in a commercial nursery at Macquarie Fields NSW. The harvested seed was sown in pots and the seedlings observed until plant maturity. Characters used in selection were: Plant form: low; Pupping ability: restricted; Leaf Spotting arrangement: dense. The selection 'MOBAL 18' was made in June 2012. The selection has been shown to be stable for all characters over ten generations of propagation. Breeder: Graham Brown, Morgan Oates & Brown Pty Ltd, Macquarie Fields, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	secondary colour of upper side	whitish
Leaf	marginal teeth	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Aloe variegata'	common form species	

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

Organ/Plant Part: Context	‘MOBAL 18’	‘Aloe variegata’
<input type="checkbox"/> Plant: length	short	short
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> *Leaf: length	short to medium	medium
<input type="checkbox"/> *Leaf: width (at base)	broad	broad
<input type="checkbox"/> *Leaf: shape	medium triangular	medium triangular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: curvature	horizontal to recurved	horizontal to recurved
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	pointed	pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	more than one	more than one
<input type="checkbox"/> Leaf: secondary colour of upper side	whitish	whitish
<input checked="" type="checkbox"/> *Leaf: pattern of secondary colour of upper side	striped and spotted	spotted and marginal
<input type="checkbox"/> *Leaf: marginal teeth	absent	absent
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	‘MOBAL 18’	‘Aloe variegata’
<input type="checkbox"/> Plant: pupping	absent	absent
<input checked="" type="checkbox"/> Leaf: main colour of upper side	dark green	brown green
<input type="checkbox"/> Leaf: shape of marginal teeth	serrate	absent
<input type="checkbox"/> Leaf: secondary colour of upper side	whitish	whitish
<input checked="" type="checkbox"/> Leaf : density of spotting	very dense	medium to dense

Prior Applications and Sales:

Nil

First sold in Australia, 1 July 2018

Description: **John Oates**, Merimbula, NSW

Details of Application	
Application Number	2014/117
Variety Name	'Calkwr'
Genus Species	<i>Callistemon</i> hybrid
Common Name	Bottlebrush
Synonym	kooweerup
Accepted Date	20 Nov 2014
Applicant	John Boekel, Koo Wee Rup, VIC
Agent	Ozbreed Pty Ltd, Clarendon NSW
Qualified Person	John Oates

Details of Comparative Trial

Location	Clarendon NSW
Descriptor	PBR Callistemon
Period	June to November 2020
Conditions	Plants grown in 20cm pots outdoors with overhead irrigation as required. Slow release fertilizer used.
Trial Design	Pots at random, 12 pots per variety
Measurements	As per UPOV technical guidelines
RHS Chart - edition	Sixth Edition 2015

Origin and Breeding

Open pollination: Seed was harvested from a planting of a range of unnamed *Callistemon* varieties in 2006. The seed was sown and selections were made in 2008, CALKWR among them. CALKWR was selected for the character: Plant attitude: horizontal, plant density: medium to strong. Vegetative cuttings were taken in 2008; it has been stable for the above characters over at least 10 generations. Nil flowers have been observed. Breeder: John Boekel, Koo Wee Rup, 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
Leaf	presence of hair on new growth	present
Plant	branching	medium to strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Endeavour'	<i>C. citrinus</i> leaf type very similar
'Little John'	<i>C. viminalis</i> different species but very small as are the other two 'John' varieties
'Better John'	
'Green John'	

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

Organ/Plant Part: Context	'Calkwr'	'Better John'	'Endeavour'	'Green John'	'Little John'
<input checked="" type="checkbox"/> Plant: attitude	spreading	upright to	upright	upright to	spreading

		spreading		spreading	
<input type="checkbox"/> Plant: density	medium to strong	medium to strong	weak to medium	medium to strong	medium to strong
<input checked="" type="checkbox"/> Plant: height	very short	short	tall	short	short
<input type="checkbox"/> Plant: width	broad	medium to broad	narrow to medium	broad	medium
<input type="checkbox"/> Plant: branching	strong	strong	medium	strong	medium to strong
<input checked="" type="checkbox"/> Leaf: length	long	very short to short	long	short to medium	very short
<input checked="" type="checkbox"/> Leaf: width	medium to broad	narrow	narrow to medium	very narrow to narrow	narrow
<input checked="" type="checkbox"/> Leaf: colour of new growth	N186C	137D	N199B	137D	137D
<input type="checkbox"/> Leaf: colour of mature leaf upper side (RHS colour chart)	NN137A	NN137B	NN137A	NN137A	NN137A
<input type="checkbox"/> Leaf: colour of mature leaf lower side (RHS colour chart)	147A	NN137B	NN137B	Nn137B	NN137A
<input type="checkbox"/> Leaf: presence of hair on new growth	present	present	present	present	present
<input checked="" type="checkbox"/> Leaf: density of hairiness on new growth	medium	dense	dense	medium	medium

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2018/278	
Variety Name	'AM01'	
Genus Species	<i>Canna</i> hybrid	
Common Name	Canna lily	
Accepted Date	19 Sep 2018	
Applicant	Earthbound Plants Australia, Coomeralla, NSW	
Agent	Ozbreed Pty Ltd; Richmond, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon , NSW	
Descriptor	TG/CANNA(proj.7)	
Period	Dec 2019 - Nov 2020	
Conditions	Plants grown in 25cm plastic pots with 10 % overhead cover. Irrigation supplied overhead as required. 12 plants per variety	
Trial Design	All pots in trial arranged in randomised block design.	
Measurements	As per UPOV Technical Guidelines	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
Seedling Selection: A commercial sample of seed was planted in March 2012; 50 seedlings were grown to maturity; four selections were made. 'AM01' was selected in early 2013 based on the selection criteria: Flower colour: pink, Leaf colour: green, Plant height: medium, Plant habit: clumping. 'AM01' has been propagated through at least 10 generations and has been stable in all characters. Breeder: Alison Pongraz, Coomealla, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	main colour	Gr. 3: yellow green
Plant	height	short to medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Tropical Salmon'		
'Tropical Rose'		

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

Organ/Plant Part: Context	'AM01'	'Tropical Rose'	'Tropical Salmon'
<input type="checkbox"/> *Plant: height at beginning of flowering	short to medium	short	short to medium
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> *Leaf blade: length	short	very short to short	short
<input type="checkbox"/> *Leaf blade: width	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf blade: glossiness	weak	medium	medium
<input type="checkbox"/> *Leaf: colour of veins	light green	light green	light green
<input type="checkbox"/> *Leaf blade: main colour (RHS Colour Chart)	138A	NN137A	138A
<input type="checkbox"/> *Leaf blade: secondary colour	none	none	none
<input type="checkbox"/> Inflorescence: position in relation to foliage	moderately above	moderately above	moderately above
<input type="checkbox"/> Inflorescence: length (excluding peduncle)	medium	medium	medium
<input type="checkbox"/> *Inflorescence: arrangement of staminodes	moderately overlapping	moderately overlapping	moderately overlapping
<input type="checkbox"/> *Staminode: type	single	single	single
<input type="checkbox"/> *Staminode: width (excluding first flower)	medium	medium to large	medium to large
<input type="checkbox"/> *Staminode: reflexing	weak	weak	weak
<input type="checkbox"/> *Staminode: undulation	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Staminode: base colour	pink	red	orange
<input type="checkbox"/> *Staminode: colour of flush	none	none	none
<input type="checkbox"/> *Staminode: colour of stripes	none	none	none
<input checked="" type="checkbox"/> *Staminode: colour of blotch	none	yellowish white	yellowish white
<input type="checkbox"/> *Staminode: colour of marginal zone	same as base colour	same as base colour	same as base colour
<input type="checkbox"/> Time of: beginning of flowering	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AM01'	'Tropical Rose'	'Tropical Salmon'
<input checked="" type="checkbox"/> Staminode: base colour	49A	51A	43A
<input checked="" type="checkbox"/> Leaf: variegation	absent	present	present
<input type="checkbox"/> Leaf: variegation colour	absent	138B	138A
<input type="checkbox"/> Leaf: degree of variegation	absent	weak	very weak to weak

Prior Applications and Sales:

Nil

First sold in Australia, 11 April 2018

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2018/279	
Variety Name	'AM02'	
Genus Species	<i>Canna</i> hybrid	
Common Name	Canna	
Accepted Date	19 Sep 2018	
Applicant	Earthbound Plants Australia	
Agent	Ozbreed Pty Ltd: PO Box 1011, Richmond,NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW Australia	
Descriptor	TG/CANNA(proj.7)	
Period	Dec 2019 - Nov 2020	
Conditions	Plants grown in 25cm plastic pots with 10 % overhead cover. Irrigation supplied overhead as required. 12 plants per variety	
Trial Design	All pots in trial arranged in randomised block design.	
Measurements	As per UPOV Technical Guidelines	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
Selection: A commercial sample of seed was planted in March 2012; 60 seedlings were grown to maturity; five selections were made. 'AM02' was selected in early 2013 based on the selection criteria: Flower colour: coral pink, Leaf colour: dark purple/bronze, Plant height: tall, Plant habit: clumping. 'AM02' has been propagated through at least 10 generations and has been stable in all characters. Breeder: Alison Pongraz, Coomealla, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	medium
Leaf blade	secondary colour	Gr. 3: purple
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Intrigue'		

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

Organ/Plant Part: Context	'AM02'	'Intrigue'
<input type="checkbox"/> *Plant: height at beginning of flowering	medium	medium
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> *Leaf blade: length	medium	medium
<input checked="" type="checkbox"/> *Leaf blade: width	medium	narrow
<input type="checkbox"/> Leaf blade: glossiness	weak	weak

<input type="checkbox"/> *Leaf: colour of veins	purple	purple
<input checked="" type="checkbox"/> *Leaf blade: main colour (RHS Colour Chart)	147A	137A
<input type="checkbox"/> *Leaf blade: secondary colour	purple	purple
<input type="checkbox"/> *Leaf blade: pattern of secondary colour	along veins and diffused	marbled
<input type="checkbox"/> Inflorescence: position in relation to foliage	moderately above	moderately above
<input type="checkbox"/> *Inflorescence: arrangement of staminodes	moderately overlapping	moderately overlapping
<input type="checkbox"/> *Staminode: type	single	single
<input type="checkbox"/> *Staminode: reflexing	medium	medium
<input type="checkbox"/> *Staminode: undulation	medium	medium
<input checked="" type="checkbox"/> *Staminode: base colour	pink	yellow
<input checked="" type="checkbox"/> *Staminode: colour of flush	none	yellow orange
<input checked="" type="checkbox"/> *Staminode: colour of stripes	none	yellow orange
<input type="checkbox"/> *Staminode: colour of blotch	none	none
<input type="checkbox"/> *Staminode: colour of marginal zone	same as base colour	same as base colour
<input type="checkbox"/> Time of: beginning of flowering	medium to late	medium to late

Prior Applications and Sales:

Nil

First sold in Australia, Feb 2018

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2015/241	
Variety Name	'Mainstar'	
Genus Species	<i>Brassica napus</i> var. <i>oleifera</i> L.	
Common Name	Fodder Rape	
Synonym		
Accepted Date	14 Oct 2015	
Applicant	Forage Innovations Limited, Chrstchurch, New Zealand	
Agent	AJ Park, Sydney, NSW, 2001, Australia	
Qualified Person	Martin Harmer/James Sewell	
Details of Comparative Trial		
Overseas Testing Authority	New Zealand Plant Variety Rights Office	
Overseas Data Reference Number	BRA035 Grant no. 32817	
Location	New Zealand	
Descriptor	UPOV TG/36/6	
Period	2015-16 & 2016-17	
Conditions	as per New Zealand test report BRA035	
Trial Design	as per New Zealand test report BRA035	
Measurements		
RHS Chart - edition		
Origin and Breeding		
Controlled pollination: Crossing of 'EMX4s5.3' with 'C95H41.7' followed by a number of generations of self pollination of single plants, followed by cage multiplication of progeny derived from a single plant over several generations. Breeder: Stuart Gowers, The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Seed	erucic acid	present
Leaf	lobes	present
Time of	flowering	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'HT-R24'		

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

Organ/Plant Part: Context	'Mainstar'	'HT-R24'
<input type="checkbox"/> *Seed: erucic acid	present	
<input type="checkbox"/> Cotyledon: length	medium	

<input type="checkbox"/> Cotyledon: width	broad	
<input checked="" type="checkbox"/> *Leaf: green colour	medium to dark	light green
<input type="checkbox"/> *Leaf: lobes	present	
<input type="checkbox"/> *Leaf: number of lobes	medium	
<input type="checkbox"/> *Leaf: dentation of margin	medium	
<input type="checkbox"/> Leaf: length	long	
<input type="checkbox"/> Leaf: width	medium to broad	
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	medium to long	
<input type="checkbox"/> *Time of: flowering	medium	
<input type="checkbox"/> *Flower: colour of petals	cream	
<input type="checkbox"/> Flower: length of petals	short	
<input type="checkbox"/> Flower: width of petals	narrow to medium	
<input type="checkbox"/> Production of: pollen	present	
<input type="checkbox"/> Plant: height	medium to tall	
<input type="checkbox"/> *Plant: total length including side branches	medium to long	
<input type="checkbox"/> Siliqua: length	medium	
<input type="checkbox"/> Siliqua: length of beak	short to medium	
<input type="checkbox"/> Siliqua: length of peduncle	short to medium	

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2015	granted	'Mainstar'

No prior sale.

Description: **Martin Harmer**, Leigh Creek VIC 3352

Details of Application		
Application Number	2018/338	
Variety Name	'TANTALOS'	
Genus Species	<i>Cucumis sativus</i>	
Common Name	Cucumber	
Accepted Date	17 Apr 2019	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC	
Qualified Person	Timothy March	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	KMK1210	
Location	Roelofarendsveen , The Netherlands	
Descriptor	TP/61/2	
Period	2017	
Conditions	In the greenhouse, staked. The variety has been tested by Naktuinbouw in 2017 during two independent trials and the results of the Breeders'co-trial are included in this report.	
Trial Design	In accordance with TP/61/2	
Measurements	In accordance with TP/61/2	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: Mother-line: cross between two lines with attention to traits: dark leaf, powdery mildew high resistance, fruit quality, after selection a population of DH lines was created to steer for complete homozygous line. Father-line: line out of a RZ hybrid , with special attention to combine high virus resistance in the final line with : CVYV, CGMMV and CYSDV. Last step of selection was the DH approach. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel 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	type	Dutch type
Cotyledon	bitterness	absent
Plant	sex expression	gynoecious
Ovary	colour of vestiture	white
Fruit	length	long to very long
Fruit	ground colour of skin at market stage	green
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Inyathi'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Myrthos'	Leaf blade	ratio length of terminal lobe/length of blade	medium	smaller than very small (note 1)	
'Myrthos'	Fruit	length	long to very long	long	
'Myrthos'	Plant	resistance to <i>Cucumber Mosaic Virus (CMV)</i>	moderately resistant	resistant	
'Myrthos'	Plant	resistance to powdery mildew (<i>Podosphaera xanthii</i>) (PX)	highly resistant	resistant	

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

Organ/Plant Part: Context	'TANTALOS'	'Inyathi'
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Plant: total length of first 15 internodes	long	medium to long
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark
<input type="checkbox"/> Leaf: blistering	medium	weak to medium
<input type="checkbox"/> *Plant: sex expression	gynoecious	gynoecious
<input type="checkbox"/> *Young fruit: colour of vestiture	white	white
<input type="checkbox"/> *Parthenocarpy:	present	present
<input type="checkbox"/> *Fruit: length	long to very long	long to very long
<input type="checkbox"/> Fruit: diameter	medium	small to medium
<input type="checkbox"/> Fruit: ratio length/diameter	large	large to very large
<input type="checkbox"/> Fruit: core diameter in relation to diameter of fruit	small to medium	small to medium
<input type="checkbox"/> *Fruit: predominant shape of stem end at market stage	necked	necked
<input type="checkbox"/> Fruit: length of neck	short	medium
<input type="checkbox"/> Fruit: shape of calyx end at market stage	obtuse	obtuse
<input type="checkbox"/> *Fruit: ground colour of skin at market stage	green	green
<input type="checkbox"/> Fruit: intensity of ground colour of skin	dark	dark to very dark
<input type="checkbox"/> Fruit: vestiture	sparse	sparse
<input type="checkbox"/> Fruit: warts	absent	absent
<input type="checkbox"/> Fruit: length of peduncle	medium to long	medium to long
<input type="checkbox"/> Fruit: ground colour of skin at physiological ripening	yellow	yellow
<input type="checkbox"/> Time of: development of female flowers	medium to late	medium to late
<input type="checkbox"/> *Cotyledon: bitterness	absent	absent
<input type="checkbox"/> Resistance to: <i>Cladosporium cucumerinum</i>	present	present

<input type="checkbox"/> Resistance to: <i>Cucumber Mosaic Virus (CMV)</i>	present	present
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Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	‘TANTALOS’	‘Inyathi’
<input type="checkbox"/> Resistance to: <i>Corynespora</i> blight and target leaf spot (<i>Corynespora cassicola</i>) (Cca)	present	present
<input type="checkbox"/> Resistance to: <i>Cucumber Vein Yellowing Virus (CVYV)</i>	present	present
<input type="checkbox"/> Leaf blade: ratio length of terminal lobe/length of blade	medium	medium
<input type="checkbox"/> Leaf blade: shape of apex of terminal lobe	right-angled	right-angled
<input type="checkbox"/> Leaf blade: attitude	drooping	drooping
<input type="checkbox"/> Leaf blade: dentation of margin	very weak	very weak to weak
<input type="checkbox"/> Fruit: shape in transverse section	round	round
<input type="checkbox"/> Fruit: sutures	absent	absent
<input type="checkbox"/> Fruit: creasing	present	present
<input checked="" type="checkbox"/> Fruit: degree of creasing	weak to medium	medium
<input type="checkbox"/> Fruit: type of vestiture	prickles only	prickles only
<input type="checkbox"/> Fruit: glaucosity	very weak to weak	absent or very weak
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Fruit: type	Dutch type	Dutch type
<input checked="" type="checkbox"/> Fruit: length	long to very long (31.4 cm)	long to very long (32.8 cm)
<input type="checkbox"/> (Only varieties with white ovary vestiture) Fruit : colour of vestiture	white	white
<input type="checkbox"/> Fruit: dots	absent	absent
<input type="checkbox"/> Resistance to : powdery mildew (<i>Podosphaera xanthii</i>) (Px)	highly resistant	highly resistant
<input type="checkbox"/> Leaf blade : undulation of margin	absent to weak	-
<input type="checkbox"/> Plant: number of female flowers per node	predominantly one or two	predominantly one or two
<input type="checkbox"/> Fruit: ribs	absent or weak	absent or weak

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2017	Granted	‘TANTALOS’
United Kingdom	2018	Granted	‘TANTALOS’
The Netherlands	2017	Granted	‘TANTALOS’

First sold in the Greece in February 2016 and in Australia in November 2017

Description: **Timothy March**, Rijk Zwaan Australia, Daylesford, VIC

Details of Application	
Application Number	2018/321
Variety Name	'EQUILIBRATO'
Genus Species	<i>Cucumis sativus</i>
Common Name	Cucumber
Accepted Date	14 Mar 2019
Applicant	Nunhems B.V., Nunhem, 6063 AB, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Ean Blackwell

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	KMK1332
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/61/2 Rev.
Period	2019
Trial Design	In accordance with TP/61/2
Measurements	In accordance with TP/61/2
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: The candidate variety arose from a process of controlled pollination and is a cross between two pure fixed inbred lines (doubled haploids).

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	type	American slicer
Cotyledon	bitterness	present
Plant	sex expression	gynoecious
Ovary	colour of vestiture	white
Plant	Parthenocarpy	present
Fruit	length	medium
Fruit	ground colour of skin at market stage	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Renoir'	

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

Organ/Plant Part: Context	'EQUILIBRATO'	'Renoir'
<input type="checkbox"/> Cotyledon: bitterness	present	
<input type="checkbox"/> Plant: growth type	indeterminate	

<input type="checkbox"/>	Plant: total length of first 15 internodes	medium to long	
<input type="checkbox"/>	Leaf blade: attitude	horizontal	
<input checked="" type="checkbox"/>	Leaf blade: length	short to medium	medium
<input type="checkbox"/>	Leaf blade: ratio length of terminal lobe/length of blade	small to medium	
<input type="checkbox"/>	Leaf blade: shape of apex of terminal lobe	rounded	
<input checked="" type="checkbox"/>	Leaf blade: intensity of green colour	dark	medium to dark
<input type="checkbox"/>	Leaf blade: blistering	weak to medium	
<input type="checkbox"/>	Leaf blade: undulation of margin	absent or weak	
<input type="checkbox"/>	Leaf blade: dentation of margin	weak	
<input type="checkbox"/>	Time of: development of female flowers (80% of plants with at least one female flower)	medium	
<input type="checkbox"/>	Plant: sex expression	gynoecious	
<input type="checkbox"/>	Plant: number of female flowers per node	predominantly one or two	
<input type="checkbox"/>	Ovary: colour of vestiture	white	
<input type="checkbox"/>	Plant: Parthenocarpy	present	
<input type="checkbox"/>	Fruit: length	medium	medium
<input type="checkbox"/>	Fruit: diameter	medium	
<input type="checkbox"/>	Fruit: ratio length/diameter	medium	
<input type="checkbox"/>	Fruit: core diameter in relation to diameter of fruit	medium	
<input type="checkbox"/>	Fruit: shape in transverse section	round	
<input checked="" type="checkbox"/>	Fruit: shape of stem end	obtuse	acute
<input type="checkbox"/>	Fruit: shape of calyx end	rounded	acute
<input type="checkbox"/>	Fruit: ground colour of skin at market stage	green	
<input checked="" type="checkbox"/>	Fruit: intensity of ground colour of skin (as for 25)	dark to very dark	dark
<input type="checkbox"/>	Fruit: ribs	absent or weak	
<input type="checkbox"/>	Fruit: sutures	absent	
<input type="checkbox"/>	Fruit: creasing	present	
<input type="checkbox"/>	Fruit: degree of creasing	very weak to weak	
<input type="checkbox"/>	Fruit: type of vestiture	prickles only	
<input type="checkbox"/>	Fruit: density of vestiture	medium to dense	
<input type="checkbox"/>	Fruit: color of vestiture	white	
<input type="checkbox"/>	Fruit: warts	present	
<input type="checkbox"/>	Fruit: size of warts	medium to large	
<input type="checkbox"/>	Fruit: length of stripe	absent or very short	
<input type="checkbox"/>	Fruit: dots	absent	
<input type="checkbox"/>	Fruit: glaucosity	weak to medium	
<input type="checkbox"/>	Fruit: length of peduncle	short to medium	
<input type="checkbox"/>	Fruit: ground colour of skin at physiological ripeness	yellow	

<input type="checkbox"/>	Resistance to: <i>Cladosporium cucumerinum</i> (Ccu)	present	
<input type="checkbox"/>	Resistance to: <i>Cucumber mosaic virus</i> (CMV)	moderately resistant	
<input type="checkbox"/>	Resistance to: Powdery mildew (<i>Podosphaera xanthii</i>) (Px)	moderately resistant	
<input type="checkbox"/>	Resistance to: Corynespora blight and target leaf spot (<i>Corynespora cassicola</i>) (Cca)	absent	
<input type="checkbox"/>	Resistance to: Cucumber vein yellowing virus (CVYV)	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2018	Granted	'EQUILIBRATO'
The Netherlands	2018	Granted	'EQUILIBRATO'

Prior Sales: Nil

Description: **Ean Blackwell**, Shelston IP, Sydney, NSW.

Details of Application		
Application Number	2013/136	
Variety Name	'PremP009'	
Genus Species	<i>Pyrus communis x pyrifolia x bretschneideri</i>	
Common Name	European x Asian pear interspecific hybrid	
Accepted Date	02 Aug 2013	
Applicant	Prevar Ltd, Hastings, NEW ZEALAND	
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd; Kallangur, QLD	
Qualified Person	Dr Gavin Porter	
Details of Comparative Trial		
Overseas Testing Authority	New Zealand Intellectual Property Office, Plant Variety Rights	
Overseas Data Reference Number	PER028	
Location	Motueka, New Zealand	
Descriptor	TG/149/2 & TG/15/3	
Period	2018-2020	
Origin and Breeding		
<p>Controlled Pollination: The new interspecific variety of pear tree 'PremP009' was developed during the course of a planned breeding program carried out at the Horticulture Institute for Plant and Food Research in Hawke's Bay, New Zealand. 'PremP009' resulted as a result of a controlled cross of P128R068T003 and P204R135T058 (pollen parent). 'PremP009' was selected in 2005 as a single plant from a population of seedlings, derived from the parents; and was selected for its attractive bright dark red skin colour and unique appearance, superb texture and flavour, and long shelf life. Breeders: Lester Brewer and Richard Volz, New Zealand Plant and Food Research, NEW ZEALAND</p>		
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	growth habit	upright
Fruit	size	medium
Fruit	position of maximum diameter	slightly towards calyx
Fruit	profile of side	convex
Fruit	area of overcolour	very large
Fruit	hue of overcolour	light red
Fruit	presence of eye in calyx basin	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'PremP109'		

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

Organ/Plant Part: Context	'PremP009'	'PremP109'
<input type="checkbox"/> *Tree: habit	upright	
<input type="checkbox"/> *Tree: vigour	medium	
<input type="checkbox"/> One-year-old shoot: length	short	
<input type="checkbox"/> *One-year-old shoot: thickness	medium	
<input type="checkbox"/> *One-year-old shoot: number of lenticels	many	
<input type="checkbox"/> *One-year-old shoot: size of lenticels	medium	
<input type="checkbox"/> One-year-old shoot: pubescence	weak	
<input type="checkbox"/> *Branch: number of spurs	medium	
<input type="checkbox"/> Vegetative bud: shape of tip	pointed	
<input type="checkbox"/> Vegetative bud: position relative to shoot	slightly held out	
<input type="checkbox"/> *One-year-old shoot: number of axillary flower buds	many	
<input type="checkbox"/> Flower bud: size	medium	
<input type="checkbox"/> *Flower bud: shape	narrow elliptic	
<input type="checkbox"/> *Leaf blade: shape	ovate	
<input type="checkbox"/> Leaf blade: shape of top	acuminate	
<input type="checkbox"/> Leaf blade: shape of base	rounded	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> Leaf: length of blade	long	
<input type="checkbox"/> Leaf: width	broad	
<input type="checkbox"/> Leaf: length of petiole	long	
<input type="checkbox"/> Leaf: ratio length of petiole/length of leaf blade	medium	
<input type="checkbox"/> *Inflorescence: number of flowers	medium	
<input type="checkbox"/> *Petal: colour of outer side just before opening of flower	light pink	
<input type="checkbox"/> Petal: colour of inner side of fully opened flower	light pink	
<input type="checkbox"/> *Petal: size	medium	
<input type="checkbox"/> *Petal: shape	ovate	
<input type="checkbox"/> Petal: number of notches on margin	few	
<input type="checkbox"/> Flower: pubescence of pedicel	medium	
<input type="checkbox"/> *Flower: number of stamens	many	
<input type="checkbox"/> *Anther: intensity of red colour	dark	
<input type="checkbox"/> *Anther: pollen	present	
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	obovate	round
<input type="checkbox"/> Fruit: depth of stalk cavity	shallow	
<input type="checkbox"/> Fruit: depth of calyx basin	deep	
<input type="checkbox"/> *Fruit: persistence of calyx	weak	
<input type="checkbox"/> *Fruit: size	medium	

<input type="checkbox"/>	*Fruit: size of lenticels	small	
<input type="checkbox"/>	*Fruit: density of lenticels	dense	
<input type="checkbox"/>	*Fruit: length of stalk	medium	
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	
<input type="checkbox"/>	*Fruit: swelling of stalk	absent	
<input type="checkbox"/>	*Fruit: ratio diameter of core/diameter of fruit	medium	
<input type="checkbox"/>	*Fruit: number of locules	medium	
<input type="checkbox"/>	*Fruit: colour of flesh	white	
<input type="checkbox"/>	*Fruit: firmness of flesh	firm	
<input type="checkbox"/>	Fruit: texture of flesh	fine	
<input type="checkbox"/>	Fruit: total soluble solids	medium	
<input type="checkbox"/>	Fruit: acidity content	low	
<input type="checkbox"/>	Fruit: juiciness of flesh	high	
<input type="checkbox"/>	*Time of: beginning of vegetative bud opening	late	
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	very late	early
<input checked="" type="checkbox"/>	*Time of: beginning of fruit ripening	early	late
<input type="checkbox"/>	Self-compatibility:	absent	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PremP009'	'PremP109'
<input type="checkbox"/> Leaf blade: length of tip	short	
<input type="checkbox"/> Leaf blade: depth of incision on margins	shallow	
<input type="checkbox"/> One year old shoot: colour on sunny side	grey green	
<input type="checkbox"/> Shoot: location of flower buds	mainly on long shoots	
<input type="checkbox"/> Flower bud: sepal attitude in relation to corolla	adpressed	
<input type="checkbox"/> Flower: number of petals	medium	
<input type="checkbox"/> Flower: arrangement of petals	free	
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	
<input type="checkbox"/> Petal: shape of base	cuneate	
<input type="checkbox"/> Fruit: height	medium	
<input type="checkbox"/> Fruit: diameter	medium	
<input type="checkbox"/> Fruit: ratio:height/diameter	medium	
<input type="checkbox"/> Fruit: position of maximum diameter	slightly towards calyx	
<input type="checkbox"/> Fruit: symmetry	symmetric to slightly asymmetric	
<input type="checkbox"/> Fruit: profile of side	convex	
<input type="checkbox"/> Fruit: ground colour of skin	not visible	
<input type="checkbox"/> Fruit: relative area of overcolour	very large	

<input checked="" type="checkbox"/> Fruit: hue of overcolour	light red	pink red
<input type="checkbox"/> Fruit: intensity of overcolour	medium	
<input type="checkbox"/> Fruit: pattern of overcolour	strong flush	
<input type="checkbox"/> Fruit: area of russet around cheeks	absent or very small	
<input type="checkbox"/> Fruit: area of russet around stalk attachment	absent or very small	
<input type="checkbox"/> Fruit: density of lenticels on stalk	dense	
<input type="checkbox"/> Fruit: presence of eye in calyx basin	absent	

Prior Applications and Sales:

Nil

Description: **Dr Gavin Porter**, Kallangur QLD

Details of Application	
Application Number	2013/162
Variety Name	'IFG Five'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape vine
Synonym	
Accepted Date	30-Jul-2013
Applicant	International Fruit Genetics LLC, Bakersfield, California, USA.
Agent	Darron Saltzman, Brighton North, VIC 3186
Qualified Person	Alison MacGregor
Details of Comparative Trial	
Overseas Testing Authority	USPTO
Overseas Data Reference Number	US PP23,398 P3
Location	Merbein South, Victoria
Descriptor	UPOV TG/50/9
Period	September 2017 to March 2020
Conditions	The trial was prepared by planting 20 vines of the variety 'IFG Five' in a trial block within a commercial table grape vineyard in North West Victoria in 2014. The vines were grafted onto Paulsen rootstock. Plant measurements commenced in September 2017 and were completed in March 2020. The vines were managed according to the weed, nutrition, irrigation and pest management program for the rest of the commercial vineyard except that they were not treated with gibberellic acid.
Trial Design	Five plots of the candidate variety were planted among plots of other varieties in a trial block within the commercial vineyard. Each plot comprised four vines. Characteristics of vines in each plot were compared against the US patent (PP23,398 P3) and against characteristics of similar varieties described in IP Australia Application 2005/301 (granted Feb 2007).
Measurements	Characteristics of the candidate were observed in spring (new shoots and young leaves) and mid-season and at harvest (mature leaves, berries, bunches and canes).
RHS Chart - edition	RHS Fifth edition reprinted 2007
Origin and Breeding	
Controlled pollination: The candidate was produced from seed resulting from hand pollination of 'Red Globe' (US plant patent 4787; maternal parent) and 'Summer Royal' (non patented; paternal parent) in May 2001. The resulting seedlings were planted in a vineyard in April 2002. The candidate was selected as a single plant in August 2003 and was first asexually propagated	

by hardwood cuttings in December 2003. An evaluation trial was planted in 2004 and the selection remained stable through subsequent generations. Breeder: David Cain; International Fruit genetics LLC, Bakersfield, 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
Berry	colour of skin (without bloom)	blue black or dark red violet
Berry	formation of seeds	complete
Berry	size	large
Flower	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	five
Berry	particular flavour	none
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Autumn Black'	late-maturing black seeded grape	
'Ribier'	Mid-season large, black, seeded grape	
'90-2397' ('Black Globe')	mid to late-season, black, seeded grape with naturally large berries	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Black Corinth'	berry	size	naturally large	naturally small	
'Black Emerald'	Mature leaf	number of lobes	typically five	seven or more	the variety 'Black emerald' has a distinct leaf with deep sinuses including a deep lower lateral sinus and large teeth.
'Black Monukka'	berry	formation of seeds	complete	none	seedless varieties are all excluded as being similar varieties of common knowledge
'Lenoir'	berry	flavour	none	other	lenoir is a hybrid of

('Black Spanish')					Vitis berlandia x Vitis vinifera and has a distinct flavour
'Concord'	mature leaves	number of lobes	typically five	three	The shape and number of lobes on leaves of the variety 'Concord' are very distinct from the candidate.
'Exotic'	Mature leaf	depth of upper lateral sinuses	medium	very deep	The variety 'Exotic' has deep lateral and also lower lateral sinuses making it very distinct from the candidate
'Kyoho'	berry	flavour	none	foxy	the candidate is distinct from Kyoho and all progeny of Kyoho that maintain a foxy flavour.

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

Organ/Plant Part: Context	'IFG Five'	'Autumn Black'	'90-2397' (Black Globe)	'Ribier'
<input type="checkbox"/> *Time of: bud burst	early to medium	medium	medium	medium
<input type="checkbox"/> *Young shoot: openness of tip	wide open	wide open	wide open	half open
<input checked="" type="checkbox"/> *Young shoot: prostrate hairs on tip	absent or very sparse	sparse to medium	absent or very sparse	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	weak
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots	light copper red	dark copper red	light copper red

<input checked="" 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	dense
<input checked="" type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	sparse	sparse	dense
<input type="checkbox"/> Shoot: attitude (before tying)	erect to semi-erect	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green and red	green and red	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green and red	green	green	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 and red			
<input checked="" type="checkbox"/> Shoot: length of tendrils	long	medium to long	medium to long	short to medium
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium			
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium to large	medium	medium to large
<input type="checkbox"/> *Mature leaf: shape of blade	wedge-shaped	pentagonal	pentagonal	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow to medium	shallow	deep	deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	open	closed	open	open
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	wide open	wide open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and	both sides convex	both sides convex	both sides convex

	both sides convex			
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	absent or very low	absent or very low	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	medium
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	very sparse to sparse	sparse	absent or very sparse	sparse
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately longer	moderately longer	moderately shorter
<input checked="" type="checkbox"/> *Time of: beginning of berry ripening	medium	medium to late	late	medium to late
<input type="checkbox"/> *Bunch: size (peduncle excluded)	large	medium	medium to large	medium
<input type="checkbox"/> *Bunch: density	medium	lax	medium to dense	medium
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	Medium to long	long	Medium to long	medium
<input checked="" type="checkbox"/> *Berry: size	large	large	large	medium
<input checked="" type="checkbox"/> *Berry: shape	Ellipsoid or obovoid	ovoid	obovoid	globose
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black	dark red violet	blue black
<input checked="" type="checkbox"/> Berry: ease of detachment from pedicel	difficult	difficult	moderately easy	difficult
<input type="checkbox"/> Berry: thickness of skin	medium	medium	thin	thick
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	soft or slightly firm	very firm	soft or slightly firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	complete	complete	complete	complete
<input type="checkbox"/> Woody shoot: main colour	dark brown	reddish brown	reddish brown	reddish brown

Characteristics Additional to the Descriptor/TG
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Organ/Plant Part: Context	'IFG Five'	'Autumn Black'	'90-2397' (Black Globe)	'Ribier'
<input type="checkbox"/> Berry: colour of skin without bloom	N187A-203B			
<input type="checkbox"/> woody shoot: main colour	165A/B			

Prior Applications and Sales:

Country	Year	Status	Name Applied
Peru	2013	Granted	'IFG Five'
Chile	2012	Granted	'IFG Five'
USA	2011	Granted	'IFG Five'

First sold in USA on 20th Sept 2010 as 'Sweet Jubilee'

Description: **Alison MacGregor**, Mildura VIC 3502

Details of Application		
Application Number	2013/158	
Variety Name	'IFG 31-077'	
Genus Species	<i>Vitis vinifera</i>	
Common Name	Grape vine	
Synonym	IFG One	
Accepted Date	28 Jan 2014	
Applicant	International Fruit Genetics LLC, Bakersfield, CA 93307, USA	
Agent	Darron Saltzman, PO Box 2157, Brighton North, VIC 3186	
Qualified Person	Alison MacGregor	
Details of Comparative Trial		
Overseas Testing Authority	USPTO	
Overseas Data Reference Number	US PP20,292 P2	
Location	Merbein South, Victoria	
Descriptor	UPOV TG/50/9	
Period	September 2013 to February 2020	
Conditions	A comparator trial was prepared by planting 20 vines of the variety 'IFG 31-077' in a trial block within a commercial table grape vineyard in North West Victoria, in 2013. The vines were grafted onto Paulson rootstock. Plant measurements commenced in 2016 and were completed in February 2020. The vines were managed according to the weed, nutrition, irrigation and pest management program of the rest of the commercial vineyard.	
Trial Design	Plots of four varieties (the candidate and three comparators) were planted according to a random block design with five replicates. Each sampling plot included two or four vines.	
Measurements	Characteristics of the candidate and comparators were observed in spring (new shoots and young leaves) and mid-season and at harvest (mature leaves, berries, bunches and canes).	
RHS Chart - edition	RHS Fifth Edition reprinted 2007	
Origin and Breeding		
Controlled pollination: the candidate was produced from seed resulting from hand pollination of Summer Royal (maternal parent; USDA, non-patented) and Regal (paternal parent, South African PBR ZA971795) in May 2001. The resulting seedlings were planted in a vineyard in April 2002. The candidate was selected as a single plant in July 2003 and was first asexually propagated from hardwood cuttings in December 2003. An evaluation trial was planted in April 2004 and the selection remained stable through three subsequent generations. Breeder: David Cain, International Fruit genetics LLC, Bakersfield 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
Young shoot	prostrate hairs on tip	sparse to medium
Young shoot	anthocyanin colouration of prostrate hairs on tip	absent or very weak

Flower	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	shape of blade	circular
Mature leaf	number of lobes	five
Berry	size	medium
Berry	anthocyanin colouration of flesh	absent or very weak
Berry	thickness of skin	medium
Berry	formation of seeds	rudimentary
Berry	colour of skin (without bloom)	blue black

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sugrathirteen’	early to mid-season, reddish black, ellipsoid shaped, seedless grape
‘Sugrasixteen’	mid-season, black, ovoid, seedless grape

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Mariah’	berry	shape	narrow ellipsoid	globose	
‘Summer Royal’	berry	shape	narrow ellipsoid	oval	
‘Regal’	berry	colour of skin	white	blue black	
‘Summer Royal’	berry	shape	elongated ovoid or narrow ellipsoid	globose or very broad ellipsoid	The parent variety Summer Royal is a different shape and ripens later than the candidate
‘Mariah’	berry	shape	elongated ovoid or narrow ellipsoid	globose	
‘Fantasy Seedless’	berry	thickness of skin	medium	very thin	The comparator Fantasy Seedless has very thin skin that is highly prone to splitting, which makes it distinct from the candidate.
‘Blagratwo’ (Melody)	leaf	blistering	medium to strong	weak	
‘Blagratwo’ (Melody)	bunch	density	medium	lax	The comparator Blagratwo has a longer and very lax bunch that

					makes it distinct from the candidate.
'Black Monukka'	berry	ease of detachment from pedicel	moderately easy	very easy	The comparator Black Monukka is naturally a smaller berry and very prone to shatter, making it distinct from the candidate.

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

Organ/Plant Part: Context	'IFG 31-077'	'Sugrasixteen'	'Sugrathirteen'
<input type="checkbox"/> *Time of: bud burst	medium		
<input type="checkbox"/> *Young shoot: openness of tip	wide open	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	sparse to medium	sparse to medium	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	very sparse to sparse
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots	green	green
<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 type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	very sparse to sparse	very sparse to sparse	very sparse to sparse
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green and red	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green and red	green
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green	green
<input checked="" type="checkbox"/> Shoot: length of tendrils	long to very long	medium	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

<input checked="" type="checkbox"/> *Mature leaf: size of blade	large	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	circular	circular	circular
<input checked="" type="checkbox"/> Mature leaf: blistering of upper side of blade	medium to strong	very weak to weak	weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	medium	deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	slightly open	half open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	small	small to medium
<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	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	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	very sparse to sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	much shorter	equal	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	early to medium	early to medium	early to medium
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium to large	medium to large	medium to large
<input type="checkbox"/> *Bunch: density	medium	medium to dense	medium
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	medium to long	short to medium	short to medium
<input type="checkbox"/> *Berry: size	medium	medium	medium
<input type="checkbox"/> *Berry: shape	narrow ellipsoid	obtuse ovoid or broad ellipsoid	broad ellipsoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black	blue black
<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	mild muscat	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	rudimentary
<input checked="" type="checkbox"/> Woody shoot: main colour	orange brown	reddish brown	reddish brown

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'IFG 31-077'	'Sugrasixteen'	'Sugrathirteen'
<input type="checkbox"/> Berry: colour of skin	203A-N187A	203A	N186A
<input checked="" type="checkbox"/> Woody shoot: colour	164B and 165C	174BC and 175A	177A and 175A

Statistical Table			
Organ/Plant Part: Context	'IFG 31-077'	'Sugrasixteen'	'Sugrathirteen'
<input checked="" type="checkbox"/> Leaf: ratio of leaf length to width (ratio)			
Mean	0.70	0.81	0.80
Std. Deviation	0.08	0.11	0.12
LSD/sig	0.09	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to the main vein (ratio)			
Mean	0.66	0.93	0.86
Std. Deviation	0.13	0.16	0.26
LSD/sig	0.12	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinus (mm)			
Mean	21.10	13.40	22.10
Std. Deviation	8.00	6.40	6.30
LSD/sig	5.1	P≤0.01	ns

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2008	granted	'IFG 31-077'
South Africa	2009	granted	'IFG 31-077'
EU	2009	granted	'IFG One'
Chile	2012	granted	'IFG One'

First sold on 21st July 2008 in USA as 'Sweet Surrender'

Description: Alison MacGregor, Mildura VIC 3502

Details of Application		
Application Number	2014/008	
Variety Name	'IFG-Ten'	
Genus Species	<i>Vitis vinifera</i>	
Common Name	Grape vine	
Synonym		
Accepted Date	03 Feb 2015	
Applicant	International Fruit Genetics LLC, Bakersfield, CA 93307, USA	
Agent	Darron Saltzman; Brighton North, VIC 3186	
Qualified Person	Alison MacGregor	
Details of Comparative Trial		
Overseas Testing Authority	USPTO	
Overseas Data Reference Number	US PP24,583 P3	
Location	Merbein South, Victoria	
Descriptor	UPOV TG/50/9	
Period	September 2013 to March 2020	
Conditions	A comparator trial was prepared by planting 20 vines of the variety 'IFG Ten' in a trial block within a commercial table grape vineyard in North West Victoria, in 2013. The vines were grafted onto Paulson rootstock. Plant measurements commenced in January 2016 and were completed in March 2020. The vines were managed according to the weed, nutrition, irrigation and pest management program for the rest of the commercial vineyard.	
Trial Design	Plots of four varieties (the candidate and three comparators) were planted according to a random block design with five replicates. Each plot comprised four vines.	
Measurements	Characteristics of the candidate and comparators were observed in spring (new shoots and young leaves) and mid-season and at harvest (mature leaves, berries, bunches and canes).	
RHS Chart - edition	RHS Fifth Edition reprinted 2007	
Origin and Breeding		
Controlled pollination: The candidate was produced from seed resulting from hand pollination of USDA selection 'B31-164' (maternal parent) and 'Princess' (paternal parent) in May 2003. The resulting seedlings were planted in a vineyard in April 2004. The candidate was selected as a single plant in August 2005 and was first asexually propagated by hardwood cuttings in December 2005. An evaluation trial was planted in April 2006 and the selection remained stable through two subsequent generations. Breeder: David Cain, International Fruit genetics LLC, Bakersfield, 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
Berry	colour of skin (without bloom)	yellow green
Berry	formation of seeds	rudimentary or none
Berry	particular flavour	none

Flower	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	five
Time of	beginning of berry ripening	early to medium
Berry	anthocyanin colouration of flesh	absent or very weak
Mature leaf	proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sheegene 2' (Timpson)	mid-season white seedless table grape with a naturally large, ellipsoid berry
'Sheegene 9' (Melanie)	early to mid-season, white seedless table grape with a naturally large, broad ellipsoid berry
'Dawn seedless'	early to mid-season white table grape with a broad ellipsoid berry and, like the candidate, Dawn Seedless is suited to spur pruning

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context			
'Sugratwelve'	young leaf	colour of upper side of blade	light copper red	green with anthocyanin spots	
'Princess'	berry	shape	obtuse ovoid	cylindrical	
'Thompson seedless'	berry	(natural) size	large	small	

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

Organ/Plant Part: Context	'IFG-Ten'	'Dawn seedless'	'Sheegene 2' (Timpson)	'Sheegene 9' (Melanie)
<input type="checkbox"/> *Young shoot: openness of tip	fully open		half open	wide open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	medium		medium to dense	medium to dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak		weak	absent or very weak
<input type="checkbox"/> *Young leaf: colour of upper side of blade	light copper red		green with anthocyanin spots	green with anthocyanin spots
<input type="checkbox"/> Shoot: colour of dorsal side of	green and red	green	green and red	green and red

internodes				
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green and red	green	green and red	green and red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green and red	green	red	green and red
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green and red	green	red	green and red
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse		absent or very sparse	absent or very sparse
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium			
<input checked="" type="checkbox"/> *Mature leaf: size of blade	medium	large	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	circular	pentagonal	circular	circular
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	absent or very weak	very weak to weak	very weak to weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow to medium	medium to deep	medium to deep	shallow
<input checked="" type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	open	open
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	slightly open	half open	slightly open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium	short to medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium	medium	small to medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	both sides convex	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			
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	very sparse to sparse		absent or very sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	very sparse to 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	much shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry	early to medium	early to medium	early to medium	early to medium

ripening				
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium to large		medium to large	medium
<input type="checkbox"/> *Bunch: density	lax		lax	lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	medium		medium	short to medium
<input checked="" type="checkbox"/> *Berry: size	large	medium	large	medium
<input type="checkbox"/> *Berry: shape	broad ellipsoid or obtuse ovoid	broad ellipsoid	obtuse ovoid	Broad ellipsoid or ovoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	yellow green	yellow green	yellow green	yellow green
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy	difficult	moderately easy
<input type="checkbox"/> Berry: thickness of skin	thin	thick	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Berry: firmness of flesh	moderately firm	very firm	very firm	soft or slightly firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	none	rudimentary	none	none
<input type="checkbox"/> Woody shoot: main colour	orange brown	orange brown	orange brown	orange brown

Statistical Table

Organ/Plant Part: Context	'IFG-Ten'	'Dawn seedless'	'Sheegene 2' (Timpson)	'Sheegene 9' (Melanie)
<input checked="" type="checkbox"/> Berry: length (mm)				
Mean	21.00	105.00	23.00	15.00
Std. Deviation	2.21	15.90	3.90	1.90
LSD/sig	1.15	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Berry: width (mm)				
Mean	18.40		16.70	13.60
Std. Deviation	2.10		2.54	1.74
LSD/sig	0.9		P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Berry: weight (g)				
Mean	4.70		4.40	1.90
Std. Deviation	0.31		0.59	0.17
LSD/sig	0.5		ns	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: length (mm)				
Mean	95.00	105.00	79.00	94.00
Std. Deviation	15.80	15.90	15.00	14.90
LSD/sig	5.4	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Mature leaf: width (mm)				
Mean	140.00	130.00	110.00	130.00
Std. Deviation	21.00	25.00	15.00	23.00

LSD/sig	6.8	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinus (mm)				
Mean	13.00	8.40	17.00	11.00
Std. Deviation	1.50	7.00	5.70	6.90
LSD/sig	2.5	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Mature leaf: ratio of petiole length to length of main vein (ratio)				
Mean	0.79	0.64	0.68	0.81
Std. Deviation	0.15	0.14	0.17	0.19
LSD/sig	0.06	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Berry: Ratio length to diameter (ratio)				
Mean	1.16		1.44	1.11
Std. Deviation	0.11		0.13	0.08
LSD/sig	0.05		P≤0.01	P≤0.01

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2012	granted	'IFG Ten'
Chile	2013	granted	'IFG Ten'
South Africa	2013	granted	'IFG Ten'

First sold in Brazil as 'Sweet Globe' on 31st Oct 2012

Description: Alison MacGregor, Mildura, VIC

Details of Application		
Application Number	2020/038	
Variety Name	'HebAnn05'	
Genus Species	<i>Hebe</i> × <i>speciosa</i>	
Common Name	Hebe	
Accepted Date	31 Mar 2020	
Applicant	Annton Nursery Ltd., Tamahere, Cambridge, New Zealand	
Agent	Anthony Tesselaar Plants Pty Ltd., Silvan, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Monbulk Road, Silvan, VIC	
Descriptor	TG/286/1 HEBE	
Period	March 2020 to January 2021	
Conditions	The trial plants were planted in March 2020 as young plants in outdoor trial plots. The trial plots were kept weed free, surrounded by low fencing for the protection against rodents and rabbits. Pest and disease control was maintained when necessary. Irrigation and fertilization were maintained under a display garden regime.	
Trial Design	The trial plots were side by side in fenced areas of 2 x 3 metres, separated by a 1-metre-walkway. 10 plants of each variety were planted in a block design.	
Measurements	Measurements were taken at random	
RHS Chart - edition	1995	
Origin and Breeding		
Spontaneous mutation: 'HebAnn05' is a mutation of <i>Hebe</i> 'Marilyn Monroe' that was discovered in 2015 in Cambridge, New Zealand. The breeder selected and isolated the mutation and cloned the new variety over several generations to determine stability and has rarely observed any off-types (<1 in 10). Trial and selection was performed by, or under the supervision of, Steve Burton (Breeder) of Annton Nursery Ltd, Tamahere, Cambridge, 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	growth habit	semi-upright
Corolla lobe	colour of inner side (RHS)	74B
Inflorescence	arrangement	terminal and lateral
Inflorescence	shape of profile	oblong
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'HebAnn03'		
'Annie's Winter Wonder'		
'Pretty 'n' Pink'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Marilyn Monroe'	Young shoot	intensity of anthocyanin colouration	medium	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	'HebAnn05'	'Annie's Winter Wonder'	'HebAnn03'	'Pretty 'n' Pink'
<input type="checkbox"/> Plant: habit	semi-upright	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> Young shoot: pubescence	absent	present	absent	absent
<input checked="" type="checkbox"/> Young stem: colour	greenish brown	brown	reddish purple	reddish purple
<input checked="" type="checkbox"/> Stem: length of internodes	medium	medium	short	short
<input type="checkbox"/> Leaf bud: presence of sinus	present	absent	present	present
<input type="checkbox"/> Leaf: presence of petiole	absent	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: length	long	short	medium	short
<input checked="" type="checkbox"/> Leaf blade: ratio length/width	high	high	medium	low
<input type="checkbox"/> Leaf blade: shape	lanceolate	oblong	lanceolate	oblanceolate
<input type="checkbox"/> Leaf blade: position of broadest part	in middle	in middle	in middle	in middle
<input type="checkbox"/> Leaf blade: shape of apex	acute	rounded	acute	acute
<input type="checkbox"/> Leaf blade: profile in cross section	concave	concave	concave	concave
<input type="checkbox"/> Leaf blade: incisions on margin	absent	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade : distribution of secondary colour	on margin only	on margin only	irregular	none
<input checked="" type="checkbox"/> Leaf blade: area covered by secondary colour	small	small	large	-
<input type="checkbox"/> Leaf blade : distribution of tertiary colour	none	none	none	none

<input type="checkbox"/> Leaf blade: glossiness	weak	absent or very weak	weak	medium
<input type="checkbox"/> Leaf blade: glaucosity	weak	absent or very weak	strong	weak
<input type="checkbox"/> Inflorescence: arrangement	terminal and lateral	terminal and lateral	terminal and lateral	terminal and lateral
<input type="checkbox"/> Inflorescence: shape in profile	oblong	oblong	oblong	oblong
<input type="checkbox"/> Inflorescence: length of flowering part	medium	medium	medium	medium
<input type="checkbox"/> Inflorescence: width of flowering part	medium	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: density of flowers	dense	dense	dense	medium
<input type="checkbox"/> Inflorescence: corolla colour change with age	strong	strong	strong	strong
<input type="checkbox"/> Corolla: width	medium	medium	medium	medium
<input type="checkbox"/> Corolla tube: length in relation to calyx	longer	longer	longer	longer
<input type="checkbox"/> Plant: number of inflorescences	many	many	many	many

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HebAnn05'	'Annie's Winter Wonder'	'HebAnn03'	'Pretty 'n' Pink'
<input checked="" type="checkbox"/> Plant: height	medium to tall	medium	short to medium	medium
<input checked="" type="checkbox"/> Plant: density of foliage	medium	medium to dense	dense	medium
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium	strong	weak to medium
<input type="checkbox"/> Stem: anthocyanin colouration of internodes	medium	weak	strong to very strong	medium to strong
<input type="checkbox"/> Leaf: attitude of blade	semi-erect to horizontal	semi-erect	semi-erect to horizontal	semi-erect
<input type="checkbox"/> Leaf: width of blade	narrow to medium	narrow to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: main colour (RHS)	146B	137C	137C	146B
<input type="checkbox"/> Leaf: secondary colour (RHS)	160C	160C	160C	-
<input type="checkbox"/> Corolla lobe: colour of inner side (RHS)	74B	74B	74B	74B
<input checked="" type="checkbox"/> Plant: time of flowering	medium	medium	late to very late	medium

<input checked="" type="checkbox"/> Corolla tube: colour of outer side (RHS)	157B	74C	157D	157B
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Prior Applications and Sales: Nil

First sold in Australia in March 2019

Description: **Christopher Prescott**, Clyde, VIC.

Details of Application		
Application Number	2020/037	
Variety Name	'HebAnn03'	
Genus Species	<i>Hebe</i> × <i>speciosa</i>	
Common Name	Hebe	
Accepted Date	31 Mar 2020	
Applicant	Annton Nursery Ltd., Tamahere, Cambridge, New Zealand	
Agent	Anthony Tesselaar Plants Pty Ltd., Silvan, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Monbulk Road, Silvan, VIC	
Descriptor	PBR TG/286/1 HEBE	
Period	March 2020 to January 2021	
Conditions	The trial plants were planted in March 2020 as young plants in outdoor trial plots. The trial plots were kept weed free, surrounded by low fencing for the protection against rodents and rabbits. Pest and disease control was maintained when necessary. Irrigation and fertilization were maintained under a display garden regime.	
Trial Design	The trial plots were side by side in fenced areas of 2 x 3 metres, separated by a 1-metre-walk-way. 10 plants of each variety were planted in a block design.	
Measurements	Measurements were taken at random	
RHS Chart - edition	1995	
Origin and Breeding		
Spontaneous mutation: 'HebAnn03' is a mutation of <i>Hebe</i> 'Marilyn Monroe' that was discovered in 2013 in Cambridge, New Zealand. The breeder selected and isolated the mutation and cloned the new variety over several generations to determine stability and has not observed any off-types. Trial and selection was performed by, or under the supervision of, Steve Burton (Breeder) of Annton Nursery Ltd, Tamahere, Cambridge, 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	growth habit	semi-upright
Corolla lobe	colour of inner side (RHS)	74B
Inflorescence	arrangement	terminal and lateral
Inflorescence	shape of profile	oblong
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Annie's Winter Wonder'		
'Pretty 'n' Pink'		
'HebAnn05'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Marilyn Monroe'	Young shoot	intensity of anthocyanin colouration	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	'HebAnn03'	'Annie's Winter Wonder'	'HebAnn05'	'Pretty 'n' Pink'
<input type="checkbox"/> Plant: habit	semi-upright	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> Young shoot: pubescence	absent	present	absent	absent
<input checked="" type="checkbox"/> Young stem: colour	reddish purple	brown	greenish brown	reddish purple
<input checked="" type="checkbox"/> Stem: length of internodes	short	medium	medium	short
<input type="checkbox"/> Leaf bud: presence of sinus	present	absent	present	present
<input type="checkbox"/> Leaf: presence of petiole	absent	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: length	medium	short	long	short
<input checked="" type="checkbox"/> Leaf blade: ratio length/width	medium	high	high	low
<input type="checkbox"/> Leaf blade: shape	lanceolate	oblong	lanceolate	oblanceolate
<input type="checkbox"/> Leaf blade: position of broadest part	in middle	in middle	in middle	in middle
<input type="checkbox"/> Leaf blade: shape of apex	acute	rounded	acute	acute
<input type="checkbox"/> Leaf blade: profile in cross section	concave	concave	concave	concave
<input type="checkbox"/> Leaf blade: incisions on margin	absent	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: distribution of secondary colour	irregular	on margin only	on margin only	none
<input checked="" type="checkbox"/> Leaf blade: area covered by secondary colour	large	small	small	-
<input type="checkbox"/> Leaf blade : distribution of tertiary colour	none	none	none	none
<input checked="" type="checkbox"/> Leaf blade: glossiness	weak	absent or very weak	weak	medium
<input checked="" type="checkbox"/> Leaf blade: glaucosity	strong	absent or very weak	weak	weak
<input type="checkbox"/> Inflorescence: arrangement	terminal and lateral	terminal and lateral	terminal and lateral	terminal and lateral
<input type="checkbox"/> Inflorescence: shape in profile	oblong	oblong	oblong	oblong
<input type="checkbox"/> Inflorescence: length of	medium	medium	medium	medium

flowering part				
<input type="checkbox"/> Inflorescence: width of flowering part	medium	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: density of flowers	dense	dense	dense	medium
<input type="checkbox"/> Inflorescence: corolla colour change with age	strong	strong	strong	strong
<input type="checkbox"/> Corolla: width	medium	medium	medium	medium
<input type="checkbox"/> Corolla tube: length in relation to calyx	longer	longer	longer	longer
<input type="checkbox"/> Plant: number of inflorescences	many	many	many	many

Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context	'HebAnn03'	'Annie's Winter Wonder'	'HebAnn05'	'Pretty 'n' Pink'
<input checked="" type="checkbox"/> Plant: height	short to medium	medium	medium to tall	medium
<input checked="" type="checkbox"/> Plant: density of foliage	dense	medium to dense	medium	medium
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	medium	medium	weak to medium
<input checked="" type="checkbox"/> Stem: anthocyanin colouration of internodes	strong to very strong	weak	medium	medium to strong
<input type="checkbox"/> Leaf: attitude of blade	semi-erect to horizontal	semi-erect	semi-erect to horizontal	semi-erect
<input type="checkbox"/> Leaf: width of blade	medium	narrow to medium	narrow to medium	medium
<input checked="" type="checkbox"/> Leaf: main colour (RHS)	137C	137C	146B	146B
<input type="checkbox"/> Leaf: secondary colour (RHS)	160C	160C	160C	-
<input type="checkbox"/> Corolla lobe: colour of inner side (RHS)	74B	74B	74B	74B
<input checked="" type="checkbox"/> Plant: time of flowering	late to very late	medium	medium	medium
<input checked="" type="checkbox"/> Corolla tube: colour of outer side (RHS)	157D	74C	157B	157B

Prior Applications: Nil

First sold in Australia in March 2019

Description: **Christopher Prescott**, Clyde, VIC.

Details of Application	
Application Number	2020/031
Variety Name	'PGY-026'
Genus Species	<i>Lablab purpureus</i>
Common Name	Lablab Bean
Synonym	Nil
Accepted Date	25 Mar 2020
Applicant	GeneGro Pty Ltd, Alexandra Hills, QLD
Agent	N/A
Qualified Person	Dr Donald S. Loch
Details of Comparative Trial	
Location	Wellington Point, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 12 masl)
Descriptor	PBR Lablab Bean (<i>Lablab purpureus</i>)
Period	11 Jan – 26 Aug 2020
Conditions	Seed sown dry into well-prepared seedbeds on a red volcanic (krasnozem or ferrosol) soil on 5 Jan 2020 followed by germinating rainfall on 11 Jan 2020; weed control by pre-emergence pendimethalin (Stomp® Xtra @ 3.3L/ha) post-planting on 6 Jan 2020; 313 kg/ha of blended fertiliser (CK 55 (S) - N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 6 Jan 2020 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; soil drench of azoxystrobin (Amistar® 250 SC) applied to seedlings on 21 Jan 2020; watered with a slurry of Lablab inoculant (CB1024) on 25 Jan 2020 after seedling emergence; supplementary trickle irrigation applied as required to maintain unstressed growth. Sprayed with imidacloprid (Apparent Cocky™ 200 SC) + chlorantraniloprole (Acelepryn®) + deltamethrin (Surefire Insectigone®) as required to protect leaves, flowers and pods (8 & 25 May, 13 & 27 Jun, 7 Jul, 14 Aug 2020).
Trial Design	Thirty two plants of each of 'PGY-026' and common pegyi-type lablab (ATF 827), plus a second generation of 'PGY-026', were arranged in 8 randomised blocks (24 plots) with 4 plants per plot in a single row along trickle irrigation lines; 0.25 m between plants in each plot and 1.0 m between plots in each row; 3.0 m between rows on trickle irrigation lines.
Measurements	Days to flowering determined progressively for each plot (27 Apr - 17 May 2020). Measurements of sward height (one per plot) made on 9 May 2020 (119 days after first germinating rains). Measurements (10 per plot) made on fully expanded leaves from node ±8 on well-developed lateral branches (all cultivars - 6-7 Mar 2020) and on inflorescences and pods (all cultivars – 11 Jul – 26 Aug 2020). Samples of ripe pods (one sample per plot) collected progressively during Jul-Aug 2020 to determine seed size after hand-threshing, removal of inert material and drying sub-samples of 200 seeds per plot at 35°C. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2007
Origin and Breeding	
Single Plant Selection: An evaluation of 13 white-seeded lablabs from the Australian germplasm collection at Birkdale (QLD) in 2015 showed great diversity in plant habit (prostrate spreading to	

erect), morphology (leaves, inflorescences, pods), flowering time (mostly late-flowering), and seed size (140 to 510 mg per seed). Three large-seeded accessions (± 500 mg per seed) were shortlisted for comparison in further trials (2016-19) against three similarly large-seeded lines from common pegyi-type collected by the breeder in Myanmar in 2014. The selection 'PGY-026' proved outstanding with strong, vigorous, lateral spreading growth and up to c. 40% larger seeds than the other 5 genotypes. Breeder: Donald S. Loch (GeneGro Pty Ltd, Alexandra Hills, 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
Flower	colour	white
Seed	colour	creamy-white
Seed	size	large - very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ATF 827'	Common pegyi-type lablab accession (as APG 50288) with the largest creamy-white seeds in the Australian Pastures Genebank (based on earlier breeder trials).

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Koala'	Flower	colour	white	violet-purple	PBR Application No. 1995/002
'Koala'	Seed	size	very large	very small to small	
'Highworth'	Flower	colour	white	purple	Industry standard cultivar released in 1973
'Highworth'	Seed	colour	creamy-white	black	
'Highworth'	Seed	size	very large	small	
'LLP-017'	Flower	colour	white	purple	PBR Application No. 2016/107
'LLP-017'	Seed	colour	creamy-white	black	
'LLP-017'	Seed	size	very large	small	
'LLP-016'	Flower	colour	white	purple	PBR Application No. 2016/108
'LLP-016'	Seed	colour	creamy-white	black with brown mottling	
'LLP-016'	Seed	size	very large	small	
'SSLL-042'	Flower	colour	white	purple	PBR Application No. 2015/084
'SSLL-042'	Seed	colour	creamy-white	black	
'SSLL-042'	Seed	size	very large	small	
'Rongai'	Seed	colour	creamy-white	greyed-orange (brown)	Industry standard cultivar released in 1962
'Rongai'	Seed	size	very large	small	

'LLW-014'	Seed	colour	creamy-white	greyed-orange (brown)	PBR Application No. 2015/091
'LLW-014'	Seed	size	very large	small	
'LLW-015'	Seed	colour	creamy-white	greyed-orange (brown)	PBR Application No. 2015/092
'LLW-015'	Seed	size	very large	small to medium	
'LLW-024'	Seed	colour	creamy-white	greyed-orange (brown)	PBR Application No. 2020/032
'LLW-024'	Seed	size	very large	very small to small	
'LLW-025'	Seed	colour	creamy-white	greyed-orange (brown)	PBR Application No. 2020/033
'LLW-025'	Seed	size	very large	small	

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

Organ/Plant Part: Context	'PGY-026'	'ATF 827'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl	absent	absent
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Plant: vigour	very strong	strong to very strong
<input type="checkbox"/> Plant: growth habit (vertical)	prostrate	prostrate
<input type="checkbox"/> Plant: growth habit (lateral)	very strongly spreading	very strongly spreading
<input type="checkbox"/> Plant: vining tendency (twining)	present	present
<input type="checkbox"/> Plant: degree of twining (where present)	very strong	very strong
<input type="checkbox"/> Stem: degree of hairiness	absent or very weak	absent or very weak
<input type="checkbox"/> Stem: anthocyanin colouration	absent	absent
<input type="checkbox"/> Stem: degree of lateral branching	very strong	very strong
<input type="checkbox"/> Leaf: texture	fine (thin)	fine (thin)
<input type="checkbox"/> Leaf: mature leaf colour (RHS)	138A	138A (137C)
<input type="checkbox"/> Leaf: shape of blade on terminal leaflet	broad ovate	broad ovate
<input type="checkbox"/> Leaf: shape of terminal leaflet apex	bluntly acuminate	bluntly acuminate
<input type="checkbox"/> Leaf: glossiness	weak	weak
<input type="checkbox"/> Leaf: anthocyanin colouration of petioles	absent	absent
<input checked="" type="checkbox"/> Leaf: degree of hairiness of petiole	weak	absent or very weak
<input type="checkbox"/> Leaf: degree of hairiness	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: anthocyanin colouration of veins	absent	absent
<input checked="" type="checkbox"/> Terminal leaflet: degree of hairiness of secondary petiole	weak	absent or very weak
<input type="checkbox"/> Terminal leaflet: anthocyanin colouration of secondary petiole	absent	absent

<input type="checkbox"/>	Inflorescence: position relative to canopy	above	above
<input type="checkbox"/>	Inflorescence: peduncle length	long	long
<input type="checkbox"/>	Standard petal : colour (freshly open flower) (RHS)	155C	155C
<input type="checkbox"/>	Keel: colour (freshly open flower) (RHS)	155C	155C
<input type="checkbox"/>	Immature pod: attitude	horizontal (erect)	horizontal (erect)
<input type="checkbox"/>	Immature pod: base colour (RHS)	143B (top) -149D (bottom)	143B (top) -149D (bottom)
<input type="checkbox"/>	Immature pod: anthocyanin colouration	absent	absent
<input type="checkbox"/>	Mature pod: colour exposed to sun (RHS)	161B-C to 163B-D	161B-C to 163B-D
<input type="checkbox"/>	Mature pod: degree of curvature	slightly curved	slightly curved
<input type="checkbox"/>	Mature pod: prominence of beak	medium	medium
<input type="checkbox"/>	Mature pod: pubescence	absent	absent
<input type="checkbox"/>	Mature pod: constrictions	absent or weak	absent or weak
<input type="checkbox"/>	Mature pod: thickness of walls	thick	thick
<input type="checkbox"/>	Mature pod: predominant number of seeds	4	4
<input type="checkbox"/>	Mature pod: shattering	absent	absent
<input checked="" type="checkbox"/>	Seed: size	very large	large
<input type="checkbox"/>	Seed: shape (in vertical view)	oval	oval
<input type="checkbox"/>	Seed: shape (in lateral view)	flattened	flattened
<input type="checkbox"/>	Seed: primary colour of testa (RHS)	161D	162D
<input type="checkbox"/>	Seed: mottling of testa	absent	absent
<input type="checkbox"/>	Seed: hilum colour (RHS)	155C	155C

Statistical Table

Organ/Plant Part: Context		
<input type="checkbox"/>	Plant: sward height 215 days after sowing (cm)	
Mean	78.25	82.38
Std. Deviation	9.87	9.13
LSD/sig	10.19	ns
<input checked="" type="checkbox"/>	Plant: days from sowing to flowering	
Mean	118.50	111.63
Std. Deviation	4.60	3.96
LSD/sig	5.77	P≤0.01
<input type="checkbox"/>	Trifoliolate leaf: primary petiole length (mm)	
Mean	181.97	186.25
Std. Deviation	32.26	39.63
LSD/sig	28.56	ns
<input type="checkbox"/>	Trifoliolate leaf: length of petiole subtending terminal leaflet (mm)	
Mean	43.56	48.31

Std. Deviation	5.18	9.04
LSD/sig	5.49	ns
<input type="checkbox"/> Trifoliolate leaf: length of terminal leaflet (mm)		
Mean	128.88	128.94
Std. Deviation	7.98	6.64
LSD/sig	8.53	ns
<input type="checkbox"/> Trifoliolate leaf: width of terminal leaflet (mm)		
Mean	131.88	127.25
Std. Deviation	7.85	6.54
LSD/sig	7.27	ns
<input type="checkbox"/> Trifoliolate leaf: length:width ratio of terminal leaflet		
Mean	0.98	1.01
Std. Deviation	0.04	0.03
LSD/sig	0.03	P<0.01
<input type="checkbox"/> Trifoliolate leaf: length of lateral leaflet (mm)		
Mean	127.84	128.13
Std. Deviation	8.67	8.14
LSD/sig	8.61	ns
<input type="checkbox"/> Trifoliolate leaf: width of lateral leaflet (mm)		
Mean	111.28	109.84
Std. Deviation	7.12	6.03
LSD/sig	6.61	ns
<input type="checkbox"/> Trifoliolate leaf: length:width ratio of lateral leaflet		
Mean	1.15	1.17
Std. Deviation	0.06	0.04
LSD/sig	0.05	ns
<input type="checkbox"/> Inflorescence: peduncle length (basal segment) (mm)		
Mean	316.31	269.09
Std. Deviation	60.73	45.47
LSD/sig	43.30	P<0.01
<input type="checkbox"/> Inflorescence: peduncle length (top segment) (mm)		
Mean	155.34	140.00
Std. Deviation	40.27	32.22
LSD/sig	31.90	ns
<input type="checkbox"/> Inflorescence: overall peduncle length (mm)		
Mean	471.66	409.09
Std. Deviation	73.54	63.79

LSD/sig	63.80	ns
<input type="checkbox"/> Inflorescence: percentage of peduncle in top segment (%)		
Mean	33.02	34.18
Std. Deviation	6.64	5.42
LSD/sig	4.35	ns
<input checked="" type="checkbox"/> Inflorescence: length of raceme (mm)		
Mean	161.34	186.41
Std. Deviation	26.74	21.37
LSD/sig	22.80	P<0.01
<input checked="" type="checkbox"/> Inflorescence: number of primary triads		
Mean	8.50	9.81
Std. Deviation	1.27	1.45
LSD/sig	1.00	P<0.01
<input type="checkbox"/> Inflorescence: mean length of raceme per triad (mm)		
Mean	19.08	19.21
Std. Deviation	2.38	2.25
LSD/sig	1.56	ns
<input checked="" type="checkbox"/> Inflorescence: total number of pods		
Mean	8.19	10.97
Std. Deviation	2.53	2.55
LSD/sig	2.00	P<0.01
<input type="checkbox"/> Inflorescence: mean number of pods per primary triad		
Mean	0.97	1.14
Std. Deviation	0.30	0.33
LSD/sig	0.20	ns
<input checked="" type="checkbox"/> Pod: length (mm)		
Mean	72.80	65.23
Std. Deviation	1.49	1.16
LSD/sig	1.22	P<0.01
<input type="checkbox"/> Pod: depth (mm)		
Mean	28.68	26.80
Std. Deviation	1.18	0.82
LSD/sig	0.76	P<0.01
<input checked="" type="checkbox"/> Pod: length:depth ratio		
Mean	2.54	2.44
Std. Deviation	0.08	0.07
LSD/sig	0.03	P<0.01

<input type="checkbox"/> Pod: mean number of seeds per pod		
Mean	4.00	4.02
Std. Deviation	0.00	0.09
LSD/sig	0.04	ns
<input checked="" type="checkbox"/> Seed: 1000-seed weight (g)		
Mean	655.81	489.54
Std. Deviation	8.18	11.59
LSD/sig	14.06	P≤0.01

Prior Applications and Sales:

Nil

Description: D.S. Loch, Alexandra Hills, QLD.

Details of Application		
Application Number	2017/276	
Variety Name	'Di3'	
Genus Species	<i>Dietes grandiflora</i>	
Common Name	Large wild Iris	
Accepted Date	12 Oct 2017	
Applicant	Vic John Ciccolella	
Agent	Ozbreed Pty Ltd; Clarendon, NSW, 2756	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon, NSW, Australia	
Descriptor	General Descriptor	
Period	Nov 2019 - Nov 2020	
Conditions	Plants grown in 20cm pots without cover, overhead irrigation as required.	
Trial Design	10 plants of each variety arranged in random pattern	
Measurements	As per UPOV Technical Guidelines	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
Controlled selection: From a mass sowing of seed (July 2010) of a commercial <i>Dietes grandiflora</i> variety one variegated seedling was observed and transplanted in November 2010 and named 'Di3'. The seedling was grown to maturity and has been repeatedly subdivided and observed for four years and is stable in all characters. Breeder: Vic John Ciccolella, Oakville, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Flower	type	single
Petal	colour	white
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Di1'		

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

Organ/Plant Part: Context	'Di3'	'Di1'
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial

<input type="checkbox"/>	Plant: growth habit	erect	erect
<input type="checkbox"/>	Plant: height	medium to tall	medium
<input checked="" type="checkbox"/>	Plant: width	medium to broad	narrow to medium
<input type="checkbox"/>	Plant: time of beginning of flowering	medium	medium
<input type="checkbox"/>	Plant: time of maturity	early	medium
<input type="checkbox"/>	Stem: degree of hairiness	absent or low	absent or low
<input type="checkbox"/>	Leaf: leaf type	simple	simple
<input type="checkbox"/>	Leaf: size	medium to large	medium to large
<input type="checkbox"/>	Leaf: attitude	semi-erect	erect
<input type="checkbox"/>	Leaf: arrangement	equitant	equitant
<input type="checkbox"/>	Leaf: length of blade	long	long
<input type="checkbox"/>	Leaf: width of blade	medium to broad	narrow to medium
<input type="checkbox"/>	Leaf: shape	linear	linear
<input type="checkbox"/>	Leaf: shape of apex	acute	acute
<input type="checkbox"/>	Leaf: shape of base	truncate	truncate
<input type="checkbox"/>	Leaf: incision of margin	absent	absent
<input type="checkbox"/>	Leaf: undulation of the margin	very weak	very weak to weak
<input type="checkbox"/>	Leaf: shape of cross-section	flat	flat
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/>	Leaf: glossiness of upper side	weak	weak
<input checked="" type="checkbox"/>	Leaf: green colour	light to medium	medium to dark
<input checked="" type="checkbox"/>	Leaf: presence of variegation	present	absent
<input checked="" type="checkbox"/>	Leaf: type of variegation	marginal	absent
<input checked="" type="checkbox"/>	Leaf: degree of variegation	medium to high	absent
<input checked="" type="checkbox"/>	Leaf: primary colour (RHS colour chart)	146A	NN137B
<input type="checkbox"/>	Leaf: secondary colour (RHS colour chart)	11A	absent
<input type="checkbox"/>	Leaf: tertiary colour (RHS colour chart)	153C	absent
<input type="checkbox"/>	Leaf: border between colours	clearly defined	absent
<input checked="" type="checkbox"/>	Leaf colour: number of colours	two	one
<input type="checkbox"/>	Bract: size	medium	medium
<input type="checkbox"/>	Bract: shape	linear	linear
<input type="checkbox"/>	Bract: degree of reflex	straight or low	straight or low
<input type="checkbox"/>	Bract: width	narrow to medium	medium
<input type="checkbox"/>	Bract: length	medium to long	medium to long
<input type="checkbox"/>	Bract: shape of apex	obtuse	obtuse
<input type="checkbox"/>	Bract: primary colour (RHS colour chart)	147B	139A
<input type="checkbox"/>	Bract: secondary colour (RHS colour chart)	N144A	absent

<input checked="" type="checkbox"/>	Partly expanded bract: number of colours	two	one
<input type="checkbox"/>	Fully expanded bract: number of colours	one	one
<input type="checkbox"/>	Flower: type	single	single
<input type="checkbox"/>	Flower: attitude	erect	erect
<input type="checkbox"/>	Flower: diameter	medium to large	medium to large
<input type="checkbox"/>	Flower: fragrance	absent	absent
<input type="checkbox"/>	Flower: pedicel length	medium to long	medium to long
<input type="checkbox"/>	Petal: predominant colour of upper side (RHS colour chart)	N155D	N155D
<input type="checkbox"/>	Petal: predominant colour of lower side (RHS colour chart)	N155D	N155D
<input type="checkbox"/>	Petal: reflexing of margin	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: incision	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: undulation	medium to strong	medium to strong
<input type="checkbox"/>	Petal: shape	obovate	obovate

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2018/244	
Variety Name	'Purpleberry Ruffles'	
Genus Species	<i>Lavandula</i> hybrid	
Common Name	Lavender	
Accepted Date	11 Sep 2018	
Applicant	Plant Growers Australia, Wonga Park, VIC	
Agent	Plants Management Australia Pty. Ltd, Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	TG/194/1 <i>Lavandula</i> (<i>Lavandula</i>)	
Period	January 2020 to October 2020	
Conditions	Trial conducted in the open, plants propagated from cuttings during January 2020, transferred from tubes to 140mm pots in March 2020. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
Controlled pollination: took place in Wonga Park, Victoria Australia in November 2013 between maternal parent 'Blueberry Ruffles' and paternal parent 'Violet Lace' both varieties previously bred by the breeder. This has been part of an ongoing, 15 year <i>Lavandula</i> breeding program with one aim designed to develop compact plants with shorter flowering stem length and large infertile bracts in different colours. From this cross a generation of seedlings were raised in Feb 2014 and grown to flowering maturity in 140mm (1.5 litre) containers in October 2014. The generation was assessed for the criteria of compactness, infertile bract size and Infertile bract colour. The candidate was identified and grown on to further maturity before final selection for suitability was made in October 2015. All subsequent generations have remained uniform and stable. Breeder: Steve Eggleton, Wongs 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
Flowering Stem	lateral branching	absent
Spike	shape	cylindrical
Corolla	colour	purple
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'FW Spellbound'		
'Blueberry Ruffles'		
'Javelin'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Violet Lace'	Leaf	length	medium	long to very long	
'Senpur'	Leaf	length	medium	long	
'Plumberry Ruffles'	Spike	length of infertile bracts	short to medium	very short to short	

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

Organ/Plant Part: Context	'Purpleberry Ruffles'	'Blueberry Ruffles'	'FW Spellbound'	'Javelin'
<input checked="" type="checkbox"/> *Plant: growth habit	bushy	bushy	globular	bushy
<input checked="" type="checkbox"/> *Plant: size	small	medium	medium	small to medium
<input type="checkbox"/> Plant: intensity of green colour of foliage	light to medium	light to medium	medium	light to medium
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	weak	very weak to weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	erect	erect	spreading	semi-erect
<input checked="" type="checkbox"/> *Plant: density	dense	dense	open to medium	dense to very dense
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	very short	short	short to medium	short
<input checked="" type="checkbox"/> Flowering stem: thickness at middle third	medium	thin	thin	thin
<input type="checkbox"/> *Flowering stem: intensity of green colour	light to medium	medium	medium	medium
<input checked="" type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	strong	medium	medium	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent	absent
<input type="checkbox"/> *Spike: maximum width	narrow to medium	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> *Spike: total length	short	medium	short	short to medium
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	few to medium	medium	few to medium	few to medium
<input checked="" type="checkbox"/> Spike: width of fertile bracts	medium to broad	medium	medium to broad	narrow
<input checked="" type="checkbox"/> *Spike: main colour of	green	violet	green	green

fertile bracts (Stoechas and Pterostoechas sections only)				
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present	present
<input checked="" type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	short to medium	medium	medium to long	medium
<input checked="" type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only)	obovate	obovate	oblong	oblong
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	Violet 86 B	N78 B+C	83 B+C	Ca 77A
<input type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	medium	medium	medium	medium to strong
<input type="checkbox"/> *Flower: colour of calyx	purplish	purplish	purplish	purplish
<input type="checkbox"/> Flower: pubescence of calyx	medium	weak to medium	medium to strong	medium
<input type="checkbox"/> *Corolla: colour	purple	purple	purple	purple
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	early to medium	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Purpleberry Ruffles'	'Blueberry Ruffles'	'FW Spellbound'	'Javelin'
<input checked="" type="checkbox"/> Corolla: colour (RHS colour chart)	N186 B	N92A	N92A	N92C
<input type="checkbox"/> Leaf: length	medium	short to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: width	medium	medium	narrow	narrow
<input checked="" type="checkbox"/> Spike: width of infertile bracts	broad	medium to broad	narrow to medium	narrow

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2017	Accepted	'IBPRUF41016'
Europe	2017	Accepted	'IBPRUF41016'

First sold in Netherlands, 24 February 2017

Description: Steve Eggleton, Wonga Park, VIC

Details of Application	
Application Number	2019/137
Variety Name	'PBA HighlandXT'
Genus Species	<i>Lens culinaris</i>
Common Name	Lentil
Synonym	Highland XT, Highland
Accepted Date	29 Jul 2019
Applicant	Agriculture Victoria Services Pty Ltd, Bundoora, VIC and Grains Research and Development Corporation, Barton, ACT.
Agent	PB Seeds Pty Ltd, Horsham, VIC.
Qualified Person	Janine Sounness
Details of Comparative Trial	
Location	Kalkee, VIC
Descriptor	Lentil (<i>Lens culinaris</i>) TG/210/1
Period	July to December 2019
Conditions	The trial was sown in July 2019, into good moisture on Wimmera grey cracking clay soil at Kalkee, Victoria. Rainfall in spring was below average and some frost events occurred.
Trial Design	Field trial: Randomised complete block design with 4 replicates, 8 rows wide and two blocks (plus & minus imidazolinone herbicide) with 12,000 plants per variety
Measurements	Anthocyanin colouration, early vigour, plant height, growth habit, plant tolerance to imidazolinone herbicide, leaf traits, flower traits, pod traits, dry seed traits, flowering and maturity time
RHS Chart - edition	N/A
Origin and Breeding	
<p>Controlled pollination: 'PBA HighlandXT' was derived from a cross between two lentil lines, 'PBA BOLT' and 04-299L-05HG1001-05HSHI2006 in 2008. Hybridisation was confirmed using seed characteristics and F2 seed (harvested from a single plant) was sown in the field in 2009. Imidazolinone herbicide was applied to the F2 segregating population to select for tolerant plants. Individual seed was selected from surviving F2 plants and grown over a summer generation. F3 derived F4 rows were sown in the field in 2010 and imidazolinone herbicide was again applied to the F2 segregating population to select for tolerant plants. Surviving plants were bulk-harvested and resown in 2011 in a plot trial with a third round of imidazolinone herbicide for selection. Based on agronomic and visual seed traits 'PBA HighlandXT' was selected for further regional evaluation in field and controlled environmental conditions from 2012-2018. 'PBA HighlandXT' was selected for release based on a combination of agronomic type, higher yield across different growing regions, early-mid maturity, resistance to ascochyta blight and botrytis grey mould and grain characteristics (grey seed coated medium red lentil). In 2013 and 2016, 'PBA HighlandXT' was assessed for BGM resistance in replicated field trials with natural infestation of <i>Botrytis cinerea</i> and <i>Botrytis fabae</i>. Any intolerant contaminants of 'PBA HighlandXT' were removed during seed multiplication by applying imidazolinone herbicide to pure seed lots. Breeder: Dr Garry Rosewarne, Victorian Department of Jobs, Precincts and Regions, VIC.</p>	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange
Flower	colour of standard	blue
Dry seed	main colour of testa	ochre
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
‘PBA Hallmark XT’	Blue flower with orange cotyledons, dry seed colour and herbicide tolerance similar to ‘HighlandXT’	
‘PBA Hurricane XT’	Blue flower with orange cotyledons, dry seed colour and herbicide tolerance similar to ‘HighlandXT’	
‘PBA Jumbo2’	Blue flower with orange cotyledons and dry seed colour similar to ‘HighlandXT’	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context			
‘PBA Giant’	Dry seed	main testa colour	ochre	green	
‘PBA Greenfield’	Dry seed	main testa colour	ochre	green	
‘PBA Bolt’	Plant	tolerance to imidazolinone	present	absent	
‘PBA Ace’	Plant	tolerance to imidazolinone	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	‘PBA HighlandXT’	‘PBA Hallmark XT’	‘PBA Hurricane XT’	‘PBA Jumbo2’
<input type="checkbox"/> *Cotyledon: colour	orange	orange	orange	orange
<input checked="" type="checkbox"/> Plant: habit	erect	erect	erect to semi-erect	semi-erect
<input type="checkbox"/> *Plant: anthocyanin colouration	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Plant: height	tall	tall	medium	medium
<input checked="" type="checkbox"/> Plant: intensity of ramification	very weak to weak	weak to medium	medium	medium
<input type="checkbox"/> Leaf: shape	ovate	ovate	ovate	ovate
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium

<input type="checkbox"/>	Leaf: number of leaflets	medium	medium	medium	medium
<input type="checkbox"/>	Leaflet: size	medium	medium	medium	medium
<input type="checkbox"/>	Raceme: number of flowers per node	two to three	two to three	two to three	two to three
<input type="checkbox"/>	Flower: size	medium	medium	medium	medium
<input type="checkbox"/>	*Flower: colour of standard	blue	blue	blue	blue
<input type="checkbox"/>	Pod: intensity of colour	medium	medium	medium	medium
<input type="checkbox"/>	Pod: number of ovules	mainly two	mainly two	mainly two	one to two
<input type="checkbox"/>	*Pod: colour at dry harvest maturity	yellow	yellow	yellow	yellow
<input type="checkbox"/>	*Pod: length at dry harvest maturity	medium	medium	medium	medium to long
<input checked="" type="checkbox"/>	Pod: width	medium	medium	narrow to medium	broad
<input type="checkbox"/>	Pod: shape of apex	truncate	truncate	truncate	truncate
<input checked="" type="checkbox"/>	*Dry seed: width	narrow to medium	medium	narrow	broad
<input type="checkbox"/>	*Dry seed: profile in longitudinal section	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/>	*Dry seed: number of colours	one	one	one	one
<input type="checkbox"/>	*Dry seed: main colour of testa	ochre	ochre	ochre	ochre
<input checked="" type="checkbox"/>	*Dry seed: weight	low	medium	very low to low	high
<input checked="" type="checkbox"/>	*Time of: flowering	early	medium	medium	medium
<input checked="" type="checkbox"/>	Time of: maturity	early	medium	medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA HighlandXT'	'PBA Hallmark XT'	'PBA Hurricane XT'	'PBA Jumbo2'
<input checked="" type="checkbox"/> Plant: Tolerance to imidazolinone	present	present	present	absent
<input checked="" type="checkbox"/> Plant: Early vigour	strong	strong	moderate	moderate

Prior Applications and Sales:

Nil

Description: **Janine Sounness**, Horsham, VIC.

Details of Application		
Application Number	2020/015	
Variety Name	'Green Machine'	
Genus Species	<i>Syzygium australe</i>	
Common Name	Lilly Pilly	
Accepted Date	24 Feb 2020	
Applicant	Reline Management Pty Ltd ATF The Cole Unit Trust; Banjup, WA	
Qualified Person	Philip Watkins	
Details of Comparative Trial		
Location	Banjup WA	
Descriptor	PBR LILL - Lilly Pilly	
Period	March 2020 - December 2020	
Conditions	Vegetatively propagated plants grown in pots located in full sun with same soil mix, fertiliser and irrigation	
Trial Design	20 plants of each variety in rows side by side.	
Measurements	observations were made on plant parts taken from each of six plants sampled at random	
RHS Chart - edition	1986	
Origin and Breeding		
<p>Open pollination: In 2015 a single seedling within a seed sown population of <i>Syzygium australe</i> seedlings, which were grown from seed collected from <i>Syzygium australe</i> var 'Resilience', was discovered to have very upright and vigorous growth. This seedling also displayed stiff dark green mature leaves rather than the less stiff mid green leaves of the other seedlings and its parent. Vegetative cuttings were taken from this seedling and resultant plants were planted in pots in 2016. All plants displayed same vigorous upright growth and dark green leaf characteristics. No off types were observed. A further round of cuttings was therefore subsequently taken and resultant plants again displayed the same upright dark green growth. No off types were found. Breeder: Reline Management Pty Ltd ATF The Cole Unit Trust, Banjup, WA.</p>		
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
Plant	branch density	medium - dense
Leaf	blade length	medium
Leaf	blade width	narrow - medium
Mature leaf	colour	dark green
Partly mature leaf	colour	mid to dark green
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'PC1 Backyard Bliss'		

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

Organ/Plant Part: Context	'Green Machine'	'PC1 Backyard Bliss'
<input type="checkbox"/> Plant: growth habit	upright	upright
<input checked="" type="checkbox"/> Plant: height	medium	tall
<input checked="" type="checkbox"/> Plant: branch density	dense	medium
<input type="checkbox"/> Stem: branch angle	medium	medium
<input checked="" type="checkbox"/> Stem: internode length	short	medium
<input type="checkbox"/> Stem: basal diameter	medium	medium
<input type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	199B	199B
<input type="checkbox"/> Stem: colour of new growth (RHS colour chart)	166C	166C
<input type="checkbox"/> Leaf: blade length	medium	medium
<input checked="" type="checkbox"/> Leaf: blade width	narrow	medium
<input checked="" type="checkbox"/> Leaf: blade length/width ratio	5/2	2/1
<input type="checkbox"/> Leaf: petiole length	short	short
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: glossiness	strong to medium	strong
<input type="checkbox"/> Leaf: shape of cross section	concave	concave
<input type="checkbox"/> Leaf: shape of longitudinal section	convex	convex
<input type="checkbox"/> Leaf: stiffness	medium to strong	medium to strong
<input type="checkbox"/> Leaf: prominence of midrib on lower surface	prominent	prominent
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	147B	147B
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	146A	146B
<input type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	146B	146B
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	165A	152A
<input type="checkbox"/> Leaf: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: petiole colour (RHS colour chart)	177B	152A

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Green Machine'	'PC1 Backyard Bliss'
<input checked="" type="checkbox"/> Leaf: longitudinal twisting	present	absent
<input type="checkbox"/> Leaf: presence of Psyllid attack symptoms	absent	absent
<input type="checkbox"/> Leaf: severity of Psyllid attack symptoms	absent - very weak	absent - very weak

Prior Applications and Sales:

Nil

Description: **Philip Watkins**, Port Douglas, QLD

Details of Application	
Application Number	2014/261
Variety Name	'Araf 11'
Genus Species	<i>Medicago sativa</i>
Common Name	Lucerne
Synonym	
Accepted Date	19 Nov 2014
Applicant	Pristine Forage Technologies Pty Ltd; Edwardstown, SA, 5039
Agent	
Qualified Person	Andrew Lake
Details of Comparative Trial	
Location	Penfield, SA
Descriptor	TG/6/5 (Lucerne)
Period	Aug 2019-Dec 2020
Conditions	Trial sown into a moderately fertile, neutral red-brown earth at Penfield SA in early September 2019. Growing conditions fair. Conditions became dry to very dry from September-October, and the trial was irrigated to offset water deficits from mid-October until May 2020. Temperatures during spring-early summer (to the end of January 2020) were warm to very hot, but conditions through late summer-autumn 2020 were moderate with below average temperatures. Autumn-winter had good rainfall (no supplementary irrigation after April) with some significant frosts. However, no plant damage was noted.
Trial Design	Randomised complete block design with four reps. 25 plants per variety per rep.
Measurements	Plant morphological characters (plant height, crown width, shoot numbers, branching, pigmentation, hairiness, etc) winter growth rates and winter activity, flowering parameters.
RHS Chart - edition	
Origin and Breeding	
<p>Selection and pedigree breeding: 'Araf 11' is a broad based variety bred for very high winter activity and aphid resistance in a strongly Arabian and African genetic background. 30 plants were originally selected as the base for the variety. Of this base germplasm, ~80% was from 1/2 sib seed collected from 25 plants in a 5 year old trial of various varieties and breeding lines of mainly Arabian/African origin sown at Currency Creek in SA. The remainder were direct selections from the variety Siriver Mk II. This base was then subjected to three further cycles of pedigree breeding and selection in both the greenhouse and field for high winter vigour, recovery rate after cutting, plant productivity, plant morphology and resistance to both spotted alfalfa aphid and blue green aphid. At each cycle, plants were selected both on the basis of individual and family performance for the respective desired plant traits and selected plants used for further controlled hybridisation (undertaken by hand cross pollination) to produce full sib progenies for the next cycle of selection. After four cycles of this selection, approximately 200 selected plants were open pollinated in the field by bees to produce breeder's seed. Breeder: Andrew W. H. Lake and Rickie E. Drewry, Pristine Forage Technologies Pty Ltd; Edwardstown, SA.</p>	
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	tendency to grow during winter	dormancy rating 10 or greater
Flower	frequency of plants with very dark blue violet flowers	very high
Flower	frequency of plants with variegated flowers	absent or very low
Flower	frequency of plants with cream, white or yellow flowers	absent or very low
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'SARDI 10 II'	Bred for high winter activity under similar conditions in South Australia	

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

Organ/Plant Part: Context	'Araf 11'	'SARDI 10 II'
<input type="checkbox"/> Plant: growth habit in autumn of the first year	erect to semi erect	erect to semi erect
<input type="checkbox"/> *Plant: natural height 2 weeks after the first autumn equinox following sowing	tall to very tall	tall
<input checked="" type="checkbox"/> *Plant: natural height 6 weeks after the first autumn equinox following sowing	very tall	tall
<input type="checkbox"/> *Plant: natural height in spring	tall to very tall	tall
<input type="checkbox"/> *Time of: beginning of flowering	very early to early	early
<input type="checkbox"/> *Flower: frequency of plants with very dark blue violet flowers	very high	very high
<input type="checkbox"/> *Flower: frequency of plants with variegated flowers	absent or very low	absent or very low
<input type="checkbox"/> *Flower: frequency of plants with cream, white or yellow flowers	absent or very low	absent or very low
<input type="checkbox"/> *Stem: length of the longest stem at full flowering	medium	medium
<input type="checkbox"/> Plant: natural height 3 weeks after 1st cut	tall to very tall	tall
<input type="checkbox"/> Plant: natural height 3 weeks after 2nd cut	tall	tall
<input type="checkbox"/> Plant: natural height 3 weeks after 3rd cut	tall	tall
<input type="checkbox"/> Plant: natural height 3 weeks after 4th cut	tall to very tall	tall
<input type="checkbox"/> *Plant: tendency to grow during winter	dormancy rating 11	dormancy rating 10
<input type="checkbox"/> Resistance to: <i>Acyrtosiphon kondoi</i>	high	high
<input type="checkbox"/> Resistance to: <i>Therioaphis maculata</i>	high	high

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context (%)	'Araf 11'	'SARDI 10 II'
<input type="checkbox"/> Stipule: Plain (non-serrate). (Frequency of plants with plain stipules)	50%-70%	>70%
<input checked="" type="checkbox"/> Crown: width	broad	narrow
<input type="checkbox"/> Stem: Hairiness (Frequency of plants with hairy to very hairy stems. (%))	40%-70%	15%-40%

Statistical Table		
Organ/Plant Part: Context	'Araf 11'	'SARDI 10 II'
<input checked="" type="checkbox"/> Plant crown: width at 5 cm above ground (in June 2020, 9 months after sowing) (cm)		
Mean	17.29	13.55
Std. Deviation	0.88	1.11
LSD/sig	1.93	P≤0.01
<input checked="" type="checkbox"/> Plant: regrowth (July 2020) (number of primary shoots)		
Mean	10.63	8.70
Std. Deviation	0.62	1.12
LSD/sig	1.64	P≤0.01
<input type="checkbox"/> Plant: 4 week regrowth height (in July 2020) (cm)		
Mean	25.54	22.50
Std. Deviation	1.47	1.30
LSD/sig	2.84	P≤0.01
<input type="checkbox"/> Plant: 9 week regrowth height (in August 2020) (cm)		
Mean	53.25	46.98
Std. Deviation	4.70	3.12
LSD/sig	2.42	P≤0.01
<input type="checkbox"/> Plant: frequency of plants with flower buds 9 weeks regrowth Aug 2020 (number/10)		
Mean	4.25	1.25
Std. Deviation	1.05	0.50
LSD/sig	1.85	P≤0.01
<input type="checkbox"/> Plant stem: frequency of stems with anthocyanin pigmentation (number/10)		
Mean	2.12	4.37
Std. Deviation	0.84	1.08
LSD/sig	1.92	P≤0.01

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Lake**, Edwardstown SA 5039

Details of Application		
Application Number	2016/389	
Variety Name	'RubyGS'	
Genus Species	<i>Citrus reticulata</i>	
Common Name	Mandarin	
Accepted Date	14 Mar 2017	
Applicant	Mildura Fruit Company, Mildura, VIC	
Agent	N/A	
Qualified Person	Susan Chislett	
Details of Comparative Trial		
Location	Boundary Bend, VIC	
Descriptor	Mandarins (<i>Citrus</i>) TG/201/1 Rev. Corr.	
Period	2016- 2021	
Conditions	The candidate variety and two comparator varieties were field grafted onto Imperial Mandarin trees on Carrizo Citrange rootstock with Chislett Summer Navel inter stock, at Kenley, VIC on November 26, 2016. The site was chosen to test the sexlessness of the candidate in a high pollen impact situation. Plant measurements commenced during flowering (September) 2019 and completed after two season's results in May 2021. The trial block was under the same management practices for nutrition, pest and disease management and irrigation/fertigation as the rest of the orchard.	
Trial Design	A trial was established by top working the candidate and comparators to two rows of established Imperial Mandarin trees with five trees of each randomly allocated in a commercial orchard.	
Measurements	Flowers, leaves, spines, maturity measurements were taken at flowering and fruit close to and at maturity. Australian Citrus Quality Standards were measured (Brix-(%Acid x 4)x 16.5)	
RHS Chart - edition	RHS Sixth Edition (2015)	
Origin and Breeding		
Induced mutation: The 'RubyGS' resulted from an induced mutation of 'Daisy' mandarin (not patented). Irradiation of 'Daisy' budwood was initially carried out in 1999 at Dareton, New South Wales, using 30 Gy and 40 Gy radiation. Irradiated buds were budded onto seedling rootstocks and the resulting trees planted in the field in 2001 for observation. Among those trees was one (Tree 29) that produced fruits with an average of 4 seeds per fruit. In 2006 budwood from seedling trees of Tree 29 were irradiated at 50 Gy and budded onto seedling rootstock to create two new trees. One of these Tree 29 T2 was chosen for further evaluation and three more trees established in 2011. Budwood was taken again in 2011 and seven more trees propagated, observed and found to retain its distinguishing characteristics of seed lessness through successive asexual propagation generations. Breeder: Graeme Sanderson, New South Wales Department of Primary Industries, Dareton, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	growth habit	upright
Fruit	diameter	medium
Plant	time of maturity of fruit	early to medium

	for consumption			
Plant	self-incompatibility	absent		
Most Similar Varieties of Common Knowledge identified (VCK)				
Name	Comments			
'Freemont'	chosen as Freemont is a parent of Daisy.			
'Daisy Mandarin'	chosen as is the parent of the RubyGS			
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Californian Daisy SL'	Seed numbers	absent or very few	few	

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

Organ/Plant Part: Context	'RubyGS'	'Daisy Mandarin'	'Freemont'
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	upright	upright	upright
<input type="checkbox"/> Tree: density of spines	absent or sparse	absent or sparse	absent or sparse
<input type="checkbox"/> Leaf blade: length	medium	medium	medium to long
<input type="checkbox"/> Leaf blade: width	medium	medium	narrow to medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	medium
<input type="checkbox"/> Leaf blade: shape in cross section	intermediate	intermediate	intermediate
<input type="checkbox"/> Leaf blade: twisting	intermediate	intermediate	absent or weak
<input type="checkbox"/> Leaf blade: blistering	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: green colour	medium to dark	medium	medium to dark
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf blade: emargination at tip	absent	absent	absent
<input type="checkbox"/> Petiole: length	medium	medium	medium
<input type="checkbox"/> Petiole: presence of wings	absent	absent	absent
<input type="checkbox"/> Flower: diameter of calyx	medium	medium	medium
<input type="checkbox"/> Flower: length of petal	medium	medium	medium
<input type="checkbox"/> Flower: width of petal	medium	medium	medium
<input type="checkbox"/> Flower: ratio length/width of petal	medium	medium	medium
<input type="checkbox"/> Flower: length of stamens	medium	medium	medium
<input type="checkbox"/> Anther: colour	medium yellow	medium yellow	medium yellow
<input type="checkbox"/> Style: length	medium	medium	medium

<input type="checkbox"/> Infructescence: clustering of fruits	present	present	present
<input type="checkbox"/> *Fruit: length	short to medium	short to medium	short to medium
<input type="checkbox"/> *Fruit: diameter	medium	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium	medium	medium
<input type="checkbox"/> *Fruit: position of broadest part	at middle	at middle	at middle
<input type="checkbox"/> Fruit: shape in transverse section	circular	circular	circular
<input type="checkbox"/> *Fruit: general shape of proximal part	slightly rounded	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of neck	absent	absent	absent
<input type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only)	absent	absent	absent
<input type="checkbox"/> Fruit: presence of constriction at stalk end	absent	absent	absent
<input type="checkbox"/> Fruit: number of radial grooves at stalk end	absent or few	absent or few	absent or few
<input type="checkbox"/> Fruit: presence of collar	absent	absent	absent
<input type="checkbox"/> *Fruit: general shape of distal part	slightly rounded	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at distal end	absent	absent	absent
<input type="checkbox"/> *Fruit: presence of areola	absent	absent	absent
<input type="checkbox"/> Fruit: presence of navel opening	absent	absent	absent
<input type="checkbox"/> Fruit: presence of radial grooves at distal end	absent	absent	absent
<input type="checkbox"/> *Fruit surface: predominant colours	medium orange	medium orange	orange red
<input type="checkbox"/> *Fruit surface: glossiness	medium	medium	medium
<input type="checkbox"/> Fruit surface: roughness	smooth	smooth	smooth to medium
<input type="checkbox"/> Fruit surface: size of oil glands	all more or less the same size	all more or less the same size	all more or less the same size
<input type="checkbox"/> Fruit surface: conspicuousness of larger oil glands	very weak	very weak	very weak
<input type="checkbox"/> Fruit surface: presence of pitting and pebbling in oil glands	pitting and pebbling absent	pitting and pebbling absent	pitting and pebbling absent
<input type="checkbox"/> *Fruit rind: thickness	thin	thin	thin
<input type="checkbox"/> *Fruit rind: adherence to flesh	weak to medium	weak to medium	weak
<input type="checkbox"/> Fruit rind: strength	weak to medium	weak to medium	weak
<input type="checkbox"/> Fruit rind: oiliness	medium	medium	medium
<input type="checkbox"/> Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous	absent or weakly conspicuous	absent or weakly conspicuous
<input type="checkbox"/> Fruit: colour of albedo	light yellow	light yellow	light orange
<input type="checkbox"/> Fruit: density of albedo	medium	medium	loose
<input type="checkbox"/> *Fruit: amount of albedo adhering to	medium	medium	small to medium

flesh			
<input type="checkbox"/> Fruit: presence of albedo strands	present	present	present
<input type="checkbox"/> Fruit: amount of albedo strands	small to medium	small to medium	medium
<input type="checkbox"/> *Fruit: main colour of flesh	medium orange	medium orange	dark orange
<input type="checkbox"/> Fruit: presence of rudimentary segments	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Fruit: number of well developed segments	medium	medium	medium
<input type="checkbox"/> Fruit: coherence of adjacent segment walls	medium	medium	medium
<input type="checkbox"/> Fruit: strength of segment walls	medium	medium	medium
<input type="checkbox"/> Fruit: length of juice vesicles	medium	medium	medium
<input type="checkbox"/> Fruit: thickness of juice vesicles	medium	medium	thin to medium
<input type="checkbox"/> Fruit: conspicuousness of juice vesicle walls	medium	medium	medium
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare	absent or very rare
<input type="checkbox"/> Fruit: juiciness	medium to high	medium to high	medium to high
<input type="checkbox"/> *Fruit juice: total soluble solids	medium to high	medium	medium to high
<input type="checkbox"/> Fruit juice: acidity	medium	medium	medium to high
<input checked="" type="checkbox"/> Fruit: number of seeds (controlled manual self-pollination)	absent or very few	many to very many	many to very many
<input checked="" type="checkbox"/> Fruit: number of seeds (open pollination)	absent or very few	many to very many	many to very many
<input type="checkbox"/> *Time of: maturity of fruit for consumption	early to medium	early to medium	early to medium
<input type="checkbox"/> Plant: self-incompatibility	absent	absent	absent

Prior Applications and Sales:

Nil

Description: **Susan Chislett**, Kenley, VIC.

Details of Application	
Application Number	'2018/359'
Variety Name	'Sweethart'
Genus Species	<i>Mangifera indica</i>
Common Name	Mango
Accepted Date	19 Dec 2018
Applicant	Glynn Athol Bookall; Georgetown, QLD
Qualified Person	Ian Paananen

Details of Comparative Trial	
Location	Georgetown, Qld
Descriptor	TG/112/4
Period	2019
Conditions	Trial conducted in standard commercial field production conditions, plants propagated by grafting to KP rootstock.
Trial Design	standard commercial field production conditions with each variety replicated in adjacent rows
Measurements	random selection
RHS Chart - edition	2015

Origin and Breeding
 Controlled pollination: seed parent 'Irwin' x pollen parent 'Kensington Pride' in 2001 near Georgetown, Qld. The seed parent is characterised by a long narrow fruit shape. The pollen parent is characterised by a medium strength orange pink skin over-colour. 2002-2006: seed from the stated parents grown on (23 plants produced) grown on and evaluated. 2006: single seedling selection made with desirable commercial traits and concluded as being of commercial value due to its distinctive traits. 2006-2018: Continued propagation by grafting to KP rootstocks and commercial scale testing of field and post-harvest performance. Selection took place near Georgetown, Qld in 2006. Selection criteria: attractive colour of ripening fruit skin, similar eating qualities to Kensington Pride parent. Propagation: grafting to KP rootstocks were found to be uniform and stable. Breeder: Glynn Bookall, Georgetown, 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
Leaf blade	length	medium to long
Mature fruit	colour of skin	green and pink
Mature fruit	shape of ventral shoulder	rounded upward
Mature fruit	shape of dorsal shoulder	rounded upward
Ripe fruit	main colour of flesh	light orange
Seed	embryony	polyembryonic
Time of	fruit maturity	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kensington Pride'	parent variety

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Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'P847'	Seed	presence of pink hue on embryo	present	absent	also has an absence of leaf twisting and less erect leaf attitude than candidate
'Kensington Red'	Inflorescence	anthocyanin colour	very strong	medium	also has skin over-colour with a more red orange hue than candidate
'Crimson Pride'	Ripe fruit	colour of flesh	light orange	dark orange	also has later time of fruit maturity
'A67'	Time of	fruit maturity	early to medium	very late	also has a less intense skin over-colour
'Bundy Special'	Time of	fruit maturity	early to medium	medium to late	also has monoembryonic seed whereas candidate is polyembryonic
'Alison Red Kensington Pride'	Tree	height	medium-tall	short	also has a less intense skin over-colour

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

Organ/Plant Part: Context	'Sweetheart'	'Kensington Pride'
<input type="checkbox"/> *Tree: attitude of main branches	spreading	spreading
<input checked="" type="checkbox"/> *Young leaf: intensity of anthocyanin colouration	strong	weak
<input type="checkbox"/> Leaf blade: length	medium to long	medium to long
<input type="checkbox"/> Leaf blade: width	medium	medium
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic
<input type="checkbox"/> Leaf blade: colour	medium green	medium green
<input type="checkbox"/> Leaf blade: twisting	present	present
<input type="checkbox"/> Leaf blade: spacing of secondary veins	close to medium	close to medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: shape of base	acute	acute
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute

<input type="checkbox"/>	Petiole: attitude in relation to shoot	semi erect	semi erect to perpendicular
<input type="checkbox"/>	Petiole: length	medium	medium
<input type="checkbox"/>	*Mature fruit: length	medium to long	medium
<input type="checkbox"/>	*Mature fruit: width	medium to broad	medium
<input type="checkbox"/>	*Mature fruit: shape in cross section	broad elliptic	broad elliptic
<input type="checkbox"/>	*Mature fruit: colour of skin	green and pink	green and pink
<input type="checkbox"/>	Mature fruit: density of lenticels	medium to dense	medium to dense
<input type="checkbox"/>	Mature fruit: colour contrast between lenticels and skin	medium to strong	medium to strong
<input type="checkbox"/>	Mature fruit: size of lenticels	medium to large	medium to large
<input type="checkbox"/>	Mature fruit: roughness of surface	present	present
<input type="checkbox"/>	Mature fruit: stalk cavity	absent or shallow	absent or shallow
<input type="checkbox"/>	Mature fruit: presence of neck	present	present
<input type="checkbox"/>	Mature fruit: length of neck	very short	very short
<input type="checkbox"/>	*Mature fruit: shape of ventral shoulder	rounded upward	rounded upward
<input type="checkbox"/>	*Mature fruit: shape of dorsal shoulder	rounded upward	rounded upward
<input type="checkbox"/>	Mature fruit: length of groove in ventral shoulder	medium	medium
<input type="checkbox"/>	Mature fruit: depth of groove in ventral shoulder	medium	medium
<input type="checkbox"/>	Mature fruit: bulging on ventral shoulder	absent	absent
<input type="checkbox"/>	*Mature fruit: presence of sinus	present	present
<input type="checkbox"/>	*Mature fruit: depth of sinus	very shallow to shallow	very shallow to shallow
<input type="checkbox"/>	*Mature fruit: bulging proximal of stylar scar	absent or weak	absent or weak
<input type="checkbox"/>	Mature fruit: point at stylar scar	absent or small	absent or small
<input type="checkbox"/>	Mature fruit: diameter of stalk attachment	medium	medium
<input checked="" type="checkbox"/>	*Ripe fruit: predominant colour of skin	yellow and red	orange
<input type="checkbox"/>	Ripe fruit: speckling of skin	weak to medium	weak to medium
<input type="checkbox"/>	Ripe fruit: thickness of skin	medium	medium
<input type="checkbox"/>	Ripe fruit: adherence of skin to flesh	medium to strong	medium to strong
<input type="checkbox"/>	Ripe fruit: main colour of flesh	light orange	light orange
<input type="checkbox"/>	Ripe fruit: firmness of flesh	soft to medium	soft to medium
<input type="checkbox"/>	Ripe fruit: juiciness	high	medium to high
<input type="checkbox"/>	Ripe fruit: texture of flesh	medium	medium
<input type="checkbox"/>	*Ripe fruit: amount of fiber attached to stone	high	high
<input type="checkbox"/>	Ripe fruit: amount of fiber attached to skin	medium	medium
<input type="checkbox"/>	*Ripe fruit: "turpentine flavor"	absent	absent
<input type="checkbox"/>	Stone: relief of surface	grooved	grooved
<input type="checkbox"/>	Seed: shape in lateral view	reniform	reniform

<input type="checkbox"/> *Seed: embryony	polyembryonic	polyembryonic
<input type="checkbox"/> *Time of: fruit maturity	early to medium	early to medium

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Sweethart'	'Kensington Pride'
<input checked="" type="checkbox"/> Mature fruit: % over-colour of skin	50-60%	10-20%
<input type="checkbox"/> Seed: presence of pink hue on embryo	absent	absent

Prior Applications and Sales:

Nil

Description: **Ian Paananen**, Macmasters Beach NSW

Details of Application		
Application Number	2020/179	
Variety Name	Ignite	
Genus Species	' <i>Avena sativa</i> '	
Common Name	Oats	
Synonym		
Accepted Date	30-Oct-2020	
Applicant	NDSU Research Foundation, Fargo, North Dakota, USA	
Agent	Advanta Seeds Pty Ltd, PO Box 337, Toowoomba, QLD, 4350, Australia	
Qualified Person	Wayne Chesher	
Details of Comparative Trial		
Location	Gatton, QLD	
Descriptor	UPOV TG/20/11	
Period	July - November 2020	
Conditions	The trial was sown into a well prepared seedbed at the Pacific Seeds Research Station located at Gatton, Queensland. The trial was fertilised and conducted under irrigated conditions using drip irrigation	
Trial Design	The trial design was a randomised complete block with four replications. There were three rows per plot, plots were 8m long with a row spacing of 40cm.	
Measurements	Measurements were taken from 20 plants selected at random from over 2000 plants. Data collected was analysed to test significance.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: Cross made in 2010 fall greenhouse, F1 plants grown in 2011 spring greenhouse, F2 plants grown in the field 2011 with single plants selected, F3 plants grown in 2011 fall greenhouse as single seed descent accompanied by seedling selection for crown rust resistance with selections bulked, bulk F4 plants planted in the field 2012 and select F4:5 panicles from crown rust resistant plants to produce F4:5 seed, in field 2013 F4:5 lines planted in hill plots and crown rust resistant lines selected, in field 2014 F5:6 preliminary screening to select crown rust resistant line ND141045. Seed from ND141045 sent to Advanta Seeds for evaluation in their testing program. Breeder: Dr Michael McMullen, North Dakota State University of Agriculture and Applied Science, Fargo, ND, USA.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour of lemma	yellow
Lowest leaves	hairiness of sheaths	absent or very weak
Panicle	attitude of branches	semi-erect
Grain	husk	present
Primary grain	glaucoity of lemma	absent or weak
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Graza 53'	Commercial, forage-type oat with crown rust resistance	
'Lavish'	Commercial, forage-type oat with crown rust resistance	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Warlock’	plant	reaction to crown rust	resistant	susceptible	
‘Wizard’	plant	reaction to crown rust	resistant	susceptible	
‘Comet’	plant	reaction to crown rust	resistant	susceptible	
‘Bond’	plant	reaction to crown rust	resistant	susceptible	
‘Brigalow’	plant	reaction to crown rust	resistant	susceptible	
‘Raptor’	glume	glaucosity	medium	strong	
‘Sabre’	glume	glaucosity	medium	weak	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a cross.			
Organ/Plant Part: Context	‘Ignite’	‘Graza 53’	‘Lavish’
<input type="checkbox"/> Seed: colour of lemma	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: growth habit	intermediate	intermediate to semi-prostrate	semi-erect
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Leaf blade: hairiness of margins	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	absent or very low	low
<input type="checkbox"/> Panicle: time of emergence	late to very late	late to very late	late to very late
<input checked="" type="checkbox"/> Stem: hairiness of uppermost node	medium to strong	very strong	weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	medium to strong	strong
<input checked="" type="checkbox"/> Glume: glaucosity	medium	absent or very weak	weak
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Glume: length	medium	medium to long	medium
<input type="checkbox"/> Primary grain: glaucosity of lemma	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: length	long	medium to long	medium
<input checked="" type="checkbox"/> Panicle: length	long	medium	medium
<input type="checkbox"/> Grain: husk	present	present	present

<input checked="" type="checkbox"/> Primary grain: hairiness of base	medium to strong	absent or weak to medium	absent or weak
<input checked="" type="checkbox"/> Primary grain: length of basal hairs	long	short to medium	short
<input checked="" type="checkbox"/> Primary grain: frequency of awns	high	absent or low	absent or low
<input checked="" type="checkbox"/> Primary grain: length of lemma	long	medium	short
<input type="checkbox"/> Primary grain: length of rachilla	medium	medium	medium
<input type="checkbox"/> Seasonal type:	spring type	spring type	spring type

Statistical Table			
Organ/Plant Part: Context	'Ignite'	'Graza 53'	'Lavish'
<input checked="" type="checkbox"/> Plant: Length (cm)			
Mean	155.98	145.93	140.28
Std. Deviation	7.12	6.58	7.00
LSD/sig	4.04	P≤0.01	P≤0.01
<input type="checkbox"/> Panicle: Length (cm)			
Mean	38.33	32.65	33.50
Std. Deviation	4.42	2.84	2.47
LSD/sig	1.96	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or applications

Description: **Wayne Chesher**, Advanta Seeds Pty Ltd., Toowoomba, QLD 4350, Australia

Details of Application		
Application Number	2020/178	
Variety Name	'Sabre'	
Genus Species	<i>Avena sativa</i>	
Common Name	Oats	
Synonym		
Accepted Date	30 Oct 2020	
Applicant	NDSU Research Foundation, Fargo, North Dakota, USA	
Agent	Advanta Seeds Pty Ltd: PO Box 337, Toowoomba, QLD, 4350, Australia	
Qualified Person	Wayne Chesher	
Details of Comparative Trial		
Location	Gatton, QLD	
Descriptor	UPOV TG/20/11	
Period	July - November 2020	
Conditions	The trial was sown into a well prepared seedbed at the Pacific Seeds Research Station located at Gatton, Queensland. The trial was fertilised and conducted under irrigated conditions using drip irrigation.	
Trial Design	The trial design was a randomised complete block with four replications. There were three rows per plot, plots were 8m long with a row spacing of 40cm.	
Measurements	Measurements were taken from 20 plants selected at random from over 2000 plants. Data collected was analysed to test significance.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: Cross made in 2010 fall greenhouse, F1 plants grown in 2011 spring greenhouse, F2 plants grown in the field 2011 with single plants selected, F3 plants grown in 2011 fall greenhouse as single seed descent accompanied by seedling selection for crown rust resistance with selections bulked, bulk F4 plants planted in the field 2012 and select F4:5 panicles from crown rust resistant plants to produce F4:5 seed, in field 2013 F4:5 lines planted in hill plots and crown rust resistant lines selected, in field 2014 F5:6 preliminary screening to select crown rust resistant line ND141809. Seed from ND141809 sent to Advanta Seeds for evaluation in their testing program. Breeder: Dr Michael McMullen, North Dakota State University of Agriculture and Applied Science, Fargo, ND, USA.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour of lemma	yellow
Lowest leaves	hairiness of sheaths	absent or weak
Panicle	attitude of branches	semi-erect
Grain	husk	present
Primary Grain	glaucoity of lemma	absent or very weak
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Graza 53'	Commercial, forage-type oat with crown rust resistance	

'Lavish'		Commercial, forage-type oat with crown rust resistance			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Warlock'	plant	reaction to crown rust	resistant	susceptible	
'Wizard'	plant	reaction to crown rust	resistant	susceptible	
'Comet'	plant	reaction to crown rust	resistant	susceptible	
'Bond'	plant	reaction to crown rust	resistant	susceptible	
'Brigalow'	plant	reaction to crown rust	resistant	susceptible	
'Raptor'	glume	glaucosity	weak	strong	
'Ignite'	glume	glaucosity	weak	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	'Sabre'	'Graza 53'	'Lavish'
<input type="checkbox"/> Seed: colour of lemma	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: growth habit	semi-erect	intermediate to semi-prostrate	semi-erect
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Leaf blade: hairiness of margins	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	absent or very low	low
<input type="checkbox"/> Panicle: time of emergence	late	late to very late	late to very late
<input checked="" type="checkbox"/> Stem: hairiness of uppermost node	absent or very weak	very strong	weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	medium to strong	strong
<input checked="" type="checkbox"/> Glume: glaucosity	weak	absent or very weak	weak
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Glume: length	medium	medium to long	medium
<input type="checkbox"/> Primary grain: glaucosity of lemma	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: length	medium to long	medium to long	medium
<input checked="" type="checkbox"/> Panicle: length	long	medium	medium
<input type="checkbox"/> Grain: husk	present	present	present

<input type="checkbox"/> Primary grain: hairiness of base	absent or weak	absent or weak to medium	absent or weak
<input checked="" type="checkbox"/> Primary grain: length of basal hairs	medium	short to medium	short
<input type="checkbox"/> Primary grain: frequency of awns	absent or low	absent or low	absent or low
<input checked="" type="checkbox"/> Primary grain: length of lemma	medium	medium	short
<input type="checkbox"/> Primary grain: length of rachilla	medium	medium	medium
<input type="checkbox"/> Seasonal type:	spring type	spring type	spring type

Statistical Table			
Organ/Plant Part: Context	'Sabre'	'Graza 53'	'Lavish'
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	144.60	145.93	140.28
Std. Deviation	6.00	6.58	7.00
LSD/sig	3.83	ns	P≤0.01
<input type="checkbox"/> Panicle: length (cm)			
Mean	38.35	32.65	33.50
Std. Deviation	3.93	2.84	2.47
LSD/sig	1.84	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or applications

Description: **Wayne Chesher**, Advanta Seeds Pty Ltd, Toowoomba, QLD 4350, Australia

Details of Application		
Application Number	2020/177	
Variety Name	'Raptor'	
Genus Species	<i>Avena sativa</i>	
Common Name	Oats	
Synonym		
Accepted Date	30 Oct 2020	
Applicant	NDSU Research Foundation, Fargo, North Dakota, USA	
Agent	Advanta Seeds Pty Ltd; PO Box 337, Towoomba, QLD, 4350	
Qualified Person	Wayne Chesher	
Details of Comparative Trial		
Location	Gatton, QLD	
Descriptor	UPOV TG/20/11	
Period	July - November 2020	
Conditions	The trial was sown into a well prepared seedbed at the Pacific Seeds Research Station located at Gatton, Queensland. The trial was fertilised and conducted under irrigated conditions using drip irrigation.	
Trial Design	The trial design was a randomised complete block with four replications. There were three rows per plot, plots were 8m long with a row spacing of 40cm.	
Measurements	Measurements were taken from 20 plants selected at random from over 2000 plants. Data collected was analysed to test significance.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: Cross made in 2010 fall greenhouse, F1 plants grown in 2011 spring greenhouse, F2 plants grown in the field 2011 with single plants selected, F3 plants grown in 2011 fall greenhouse as single seed descent accompanied by seedling selection for crown rust resistance with selections bulked, bulk F4 plants planted in the field 2012 and select F4:5 panicles from crown rust resistant plants to produce F4:5 seed, in field 2013 F4:5 lines planted in hill plots and crown rust resistant lines selected, in field 2014 F5:6 preliminary screening to select crown rust resistant line ND141870. Seed from ND141870 sent to Advanta Seeds for evaluation in their testing program. Breeder: Dr. Michael McMullen, North Dakota State University of Agriculture and Applied Science, Fargo, ND, USA.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour of lemma	yellow
Lowest leaves	hairiness of sheaths	absent or very weak
Panicle	attitude of branches	semi-erect
Grain	husk	present
Primary Grain	glaucosity of lemma	absent or very weak
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Graza 53'	Commercial, forage-type oat with crown rust resistance	
'Lavish'	Commercial, forage-type oat with crown rust resistance	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Warlock'	plant	Reaction to crown rust	resistant	susceptible	
'Wizard'	plant	Reaction to crown rust	resistant	susceptible	
'Comet'	plant	Reaction to crown rust	resistant	susceptible	
'Bond'	plant	Reaction to crown rust	resistant	susceptible	
'Brigalow'	plant	Reaction to crown rust	resistant	susceptible	
'Ignite'	glume	glaucosity	strong	medium	
'Sabre'	glume	glaucosity	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	'Raptor'	'Graza 53'	'Lavish'
<input type="checkbox"/> Seed: colour of lemma	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: growth habit	semi-erect	intermediate to semi-prostrate	semi-erect
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Leaf blade: hairiness of margins	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	absent or very low	low
<input checked="" type="checkbox"/> Panicle: time of emergence	very early to early	late to very late	late to very late
<input checked="" type="checkbox"/> Stem: hairiness of uppermost node	absent or very weak	very strong	weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	medium to strong	strong
<input checked="" type="checkbox"/> Glume: glaucosity	strong	absent or very weak	weak
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Glume: length	medium	medium to long	medium
<input type="checkbox"/> Primary grain: glaucosity of lemma	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: length	long	medium to long	medium
<input checked="" type="checkbox"/> Panicle: length	long	medium	medium
<input type="checkbox"/> Grain: husk	present	present	present
<input checked="" type="checkbox"/> Primary grain: hairiness of base	medium	absent or weak to medium	absent or weak
<input checked="" type="checkbox"/> Primary grain: length of basal hairs	medium	short to medium	short

<input type="checkbox"/>	Primary grain: frequency of awns	absent or low	absent or low	absent or low
<input checked="" type="checkbox"/>	Primary grain: length of lemma	long	medium	short
<input type="checkbox"/>	Primary grain: length of rachilla	medium	medium	medium
<input type="checkbox"/>	Seasonal type:	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Raptor'	'Graza 53'	'Lavish'
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	150.00	145.93	140.28
Std. Deviation	5.64	6.58	7.00
LSD/sig	3.77	P≤0.01	P≤0.01
<input type="checkbox"/> Panicle: length (cm)			
Mean	40.13	32.65	33.50
Std. Deviation	3.99	2.84	2.47
LSD/sig	1.85	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or applications

Description: **Wayne Chesher**, Advanta Seeds Pty Ltd., Toowoomba, QLD, 4350, Australia

Details of Application		
Application Number	2017/029	
Variety Name	'OREG04'	
Genus Species	<i>Origanum vulgare</i>	
Common Name	Oregano	
Accepted Date	16 May 2017	
Applicant	Ozbreed Pty Ltd, Clarendon, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW	
Descriptor	TG/190/1	
Period	Oct 2019- March 2020	
Conditions	Plants in 250mm pots growing in open, overhead irrigation as required.	
Trial Design	All pots in complete randomization	
Measurements	As per UPOV Technical Guidelines.	
RHS Chart - edition	6th Edition (2015)	
Origin and Breeding		
Seedling selection: In March 2015 seed was collected and sown from a batch of plants of the species growing in a breeding block in the nursery. In July the seedlings were potted and grown on for assessment. In November 2015, 30 were selected as being 'stronger flavour'. After further testing a single selection was made based on the very strong flavour and the shorter more compact growth habit. The variety selected now referred to as 'OREG04' has been uniform and stable through the selection period and into production trials, five generations: Breeder, Todd Layt, Clarendon, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	variegation	absent
Leaf	main colour	yellow green
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Bunnings form'		

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

Organ/Plant Part: Context	'OREG04'	'Bunnings form'
<input type="checkbox"/> *Plant: growth habit	erect	erect
<input type="checkbox"/> *Plant: height	medium	tall
<input type="checkbox"/> *Plant: diameter	medium	medium
<input type="checkbox"/> *Foliage: density	medium	medium
<input type="checkbox"/> *Stem: length	short to medium	long

<input type="checkbox"/> Stem: thickness	thin to medium	thin to medium
<input type="checkbox"/> *Stem: distribution of leaves	along whole stem	along whole stem
<input checked="" type="checkbox"/> *Stem: position of flowering part	along upper quarter	at tip
<input type="checkbox"/> Stem: density of flowers	medium	medium
<input type="checkbox"/> Stem: length of flowering part	short to medium	short to medium
<input type="checkbox"/> *Leaf: shape	ovate	ovate
<input checked="" type="checkbox"/> *Leaf: length	short	medium
<input type="checkbox"/> *Leaf: width at basal part	medium	medium to broad
<input type="checkbox"/> Leaf: ratio length/width	medium	medium
<input type="checkbox"/> Leaf: prominence of veins on lower side	weak to medium	medium
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> *Leaf: main colour	yellow green	yellow green
<input type="checkbox"/> *Leaf: intensity of main colour	medium	medium
<input checked="" type="checkbox"/> *Flower: size	very small	medium
<input checked="" type="checkbox"/> *Flower: colour of petal	white or slightly pink	light violet
<input type="checkbox"/> *Flower: length of style	medium	medium
<input checked="" type="checkbox"/> Flower: main colour of style	white	light violet
<input type="checkbox"/> Style: more intense coloured zone	absent	absent
<input type="checkbox"/> *Time of: beginning of flowering	medium	early to medium
<input type="checkbox"/> *Plant: male sterility	absent	absent

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'OREG04'	'Bunnings form'
<input checked="" type="checkbox"/> Stem: anthocyanin	absent	present
<input type="checkbox"/> Leaf : colour (RHS)	137B	137c

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2017/027	
Variety Name	'OREG02'	
Genus Species	<i>Origanum vulgare</i>	
Common Name	Oregano	
Accepted Date	16 May 2017	
Applicant	Ozbreed Pty Ltd, Clarendon, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW	
Descriptor	TG/190/1	
Period	Oct 2019 - March 2020	
Conditions	Plants in 250mm pots growing in open, overhead irrigation as required.	
Trial Design	All pots in complete randomization	
Measurements	As per UPOV Technical Guidelines.	
RHS Chart - edition	6th Edition (2015)	
Origin and Breeding		
Seedling selection: In March 2015 seed was collected and sown from a batch of plants of the species growing in a breeding block in the nursery. In July the seedlings were potted and grown on for assessment. In November 2015, 30 were selected as being 'stronger flavour'. After further testing a single selection was made based on the strong flavour, smaller leaves and the shorter more compact growth habit. The variety selected now referred to as 'OREG02' has been uniform and stable through the selection period and into production trials, five generations. Breeder: Todd Layt, Clarendon NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	variegation	absent
Leaf	main colour	yellow green
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Floriana Form'		

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

Organ/Plant Part: Context	'OREG02'	'Floriana Form'
<input type="checkbox"/> *Plant: growth habit	erect	erect
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> *Plant: diameter	medium	medium
<input type="checkbox"/> *Foliage: density	medium	sparse to

		medium
<input type="checkbox"/> *Stem: length	medium	medium
<input type="checkbox"/> Stem: thickness	thin to medium	thin to medium
<input type="checkbox"/> *Stem: distribution of leaves	along whole stem	along whole stem
<input type="checkbox"/> *Stem: position of flowering part	along upper quarter	along upper quarter
<input type="checkbox"/> Stem: length of flowering part	short to medium	short to medium
<input type="checkbox"/> *Leaf: shape	ovate	ovate
<input type="checkbox"/> *Leaf: length	medium	medium
<input type="checkbox"/> *Leaf: width at basal part	broad	medium to broad
<input type="checkbox"/> Leaf: ratio length/width	low to medium	low to medium
<input type="checkbox"/> Leaf: prominence of veins on lower side	medium	medium
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> *Leaf: main colour	yellow green	yellow green
<input type="checkbox"/> *Leaf: intensity of main colour	medium	medium
<input checked="" type="checkbox"/> *Flower: size	small	medium
<input checked="" type="checkbox"/> *Flower: colour of petal	white or slightly pink	light violet
<input type="checkbox"/> *Flower: length of style	medium	medium to long
<input checked="" type="checkbox"/> Flower: main colour of style	white	light violet
<input type="checkbox"/> Style: more intense coloured zone	absent	present
<input type="checkbox"/> *Time of: beginning of flowering	medium	early
<input checked="" type="checkbox"/> *Plant: male sterility	present	absent

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'OREG02'	'Floriana Form'
<input type="checkbox"/> Stem: anthocyanin	present	present
<input type="checkbox"/> Leaf: colour (RHS)	137B	137B

Prior Applications and Sales:

Nil

Description: **John Oates**, Merimbula NSW

Details of Application		
Application Number	2017/303	
Variety Name	'NP01'	
Genus Species	<i>Photinia x fraseri</i>	
Common Name	Photinia	
Accepted Date	24 Nov 2017	
Applicant	Vic John Ciccolella, Oakville, NSW	
Agent	Ozbreed Pty Ltd; Clarendon, NSW, 2756	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon NSW Australia	
Descriptor	General Descriptor	
Period	Dec 2019 - Nov 2020	
Conditions	Plants grown in 25cm plastic pots in the open, overhead irrigation applied as required. 12 plants per variety	
Trial Design	All plants grown in a random arrangement.	
Measurements	As per UPOV Technical Guidelines	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
Controlled selection: From a massed sowing in 2010 of seeds from the free variety 'Red Robin' seedlings were grown and observed. In 2013 a seedling was selected with the following characters, lateral branching: erect; plant size: medium tall. The plant was named 'NP01' and has been vegetatively propagated through ten generations with nil off-types being observed. Breeder: Vic John Ciccolella, Menin Road, Oakville NSW 2765		
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	shrub
Stem	presence of anthocyanin in new growth	present
Young shoot	anthocyanin colouration	strong
Leaf	incision of margin	present
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Red Robin'		
'CP01'		

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

Organ/Plant Part: Context	'NP01'	'CP01'	'Red Robin'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input type="checkbox"/> Plant: growth habit	narrow erect	erect	bushy
<input type="checkbox"/> Plant: size	medium to large	medium	medium

<input checked="" type="checkbox"/>	Plant: height	tall to very tall	medium	medium
<input checked="" type="checkbox"/>	Plant: width	narrow	narrow to medium	medium to broad
<input type="checkbox"/>	Stem: degree of hairiness	absent or low	absent or low	absent or low
<input type="checkbox"/>	Stem: thorns, prickles, spines etc	absent	absent	absent
<input type="checkbox"/>	Stem: presence of hairs	absent	absent	absent
<input type="checkbox"/>	Stem: presence of anthocyanin in new growth	present	present	present
<input type="checkbox"/>	Young shoot: anthocyanin colouration	strong	strong	strong
<input type="checkbox"/>	Leaf: leaf type	simple	simple	simple
<input type="checkbox"/>	Leaf: size	medium	medium	medium
<input type="checkbox"/>	Leaf: attitude	semi-erect	semi-erect	semi-erect
<input type="checkbox"/>	Leaf: arrangement	alternate	alternate	alternate
<input type="checkbox"/>	Leaf: length of blade	medium	medium	medium
<input type="checkbox"/>	Leaf: width of blade	medium	medium	medium
<input type="checkbox"/>	Leaf: length of petiole	medium	medium	medium
<input type="checkbox"/>	Leaf: shape	elliptic	elliptic	elliptic
<input type="checkbox"/>	Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/>	Leaf: shape of base	obtuse	obtuse	obtuse
<input type="checkbox"/>	Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/>	Leaf: depth of incision	shallow to medium	shallow	very shallow to shallow
<input type="checkbox"/>	Leaf: type of incision	serrate	serrate	serrate
<input checked="" type="checkbox"/>	Leaf: undulation of the margin	medium to strong	medium	medium
<input type="checkbox"/>	Leaf: shape of cross-section	concave	concave	concave
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	straight	straight	straight
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	medium	medium	strong
<input type="checkbox"/>	Leaf: green colour	medium	medium	medium
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/>	Leaf: primary colour (RHS colour chart)	137A	137A	NN137A
<input type="checkbox"/>	Leaf colour: number of colours	one	one	one

Prior Applications and Sales:

Nil

First sold in Australia, 31 Jul 2017

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2017/304	
Variety Name	'CP01'	
Genus Species	<i>Photinia x fraseri</i>	
Common Name	Photinia	
Accepted Date	24 Nov 2017	
Applicant	Vic John Ciccolella, Oakville, NSW	
Agent	Ozbreed Pty Ltd; Clarendon, NSW, 2756	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Clarendon, NSW Australia	
Descriptor	General Descriptor	
Period	Dec 2019 - Nov 2020	
Conditions	Plants grown in 25cm plastic pots in the open, overhead irrigation applied as required. 12 plants per variety.	
Trial Design	All plants grown in randomised block design.	
Measurements	As per UPOV technical guidelines	
RHS Chart - edition	2015	
Origin and Breeding		
Controlled selection: From a massed sowing in 2008 of seeds from the free variety 'Red Robin' seedlings were grown and observed. In 2011 a seedling was selected with the following characters internode length: short; lateral branching: semi-erect; plant size: short. The plant was named 'CP01' and has been vegetatively propagated through ten generations with nil off types being observed. Breeder: Vic John Ciccolella, Menin Road, Oakville, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Stem	anthocyanin in new growth	present
Young shoot	anthocyanin colouration	present
Leaf	incision on margin	present
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Red Robin'		
'NP01'		

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

Organ/Plant Part: Context	'CP01'	'NP01'	'Red Robin'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	erect	narrow erect	bushy
<input type="checkbox"/> Plant: size	medium	medium to large	medium

<input checked="" type="checkbox"/> Plant: height	medium	tall to very tall	medium
<input checked="" type="checkbox"/> Plant: width	narrow to medium	narrow	medium to broad
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	present
<input type="checkbox"/> Young shoot: anthocyanin colouration	strong	strong	strong
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium	medium
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate	alternate
<input type="checkbox"/> Leaf: length of blade	medium	medium	medium
<input type="checkbox"/> Leaf: width of blade	medium	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium	medium
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	shallow	shallow to medium	very shallow to shallow
<input type="checkbox"/> Leaf: type of incision	serrate	serrate	serrate
<input type="checkbox"/> Leaf: undulation of the margin	medium	medium to strong	medium
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium	strong
<input type="checkbox"/> Leaf: green colour	medium	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	137A	137A	NN137A
<input type="checkbox"/> Leaf colour: number of colours	one	one	one

Prior Applications and Sales:

Nil

First sold in Australia, 29 Jun 2017

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2016/167	
Variety Name	'AmaRosa'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	RedFoo	
Accepted Date	05 Aug 2016	
Applicant	Oregon State University, Corvallis, Oregon, USA	
Agent	Anchor Organics; 325 Anchor Rd, Pyengana, TAS, 7216	
Qualified Person	Stewart McKay	
Details of Comparative Trial		
Location	Agronico P/L, Leith, Tasmania	
Descriptor	TG/23/6	
Period	2nd Feb 2019 - 30th May 2019	
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.	
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used	
Measurements	Trial data was collected on 15th May 2019 using the standard UPOV descriptors. Lightsprout photos were taken in November 2020 and tuber assessments done in May 2019.	
RHS Chart - edition		
Origin and Breeding		
<p>Controlled pollination: 'AmaRosa' was selected from a cross between PA97B23-2 (female red skin and pink flesh) and Red Bulk pollen (male). Variants: At this point, no predictable variants have been specifically identified, though it is expected that variants will occur in the future. Most potato varieties eventually produce mutant plants known as "giant hills", "bolters", or "bull plants". It is expected that these plants will be found in 'AmaRosa' at a very low frequency. Selection Criteria: Selection in the first three years in the field was mainly visual characteristics such as tuber appearance, shape, size, tuber eyes, smooth skin, pigmented tuber skin and flesh (smooth red skin and red flesh) and small uniform tubers. Subsequent trials were replicated across locations. All yield and yield components, quality, disease reaction, & chemical characteristics were used as selection criteria. Breeding Method: A traditional breeding process was used. Female and male parents were crossed. Fruits (berries, 3-5) were produced. Each berry contained between 50-100 seeds (True Potato Seed or TPS). Seeds (150-500) were planted in the greenhouse to generate minitubers. Greenhouse-produced mini tubers were planted in the field. 'AmaRosa' was line selected from these plantings. Difference from Original Material: 'AmaRosa' is different from its parents and siblings in tuber appearance (shallower eyes; fingerling vs. oblong and various shapes in parents and siblings, respectively), skin and flesh color. Breeder: Sathuvalli Rajakalyan, Vidyasagar, Oregon State University, Corvallis, Oregon, USA</p>		
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
Lightsprout	size of tip in relation to base	small

Lightsprout	number of root tips	medium
Plant	foliage structure	intermediate type
Plant	frequency of flowers	medium to high
Plant	time of maturity	early
Tuber	colour of base of eye	red
Tuber	depth of eyes	shallow to medium
Tuber	colour of skin	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cerisa'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Dark Red Norland'	tuber	flesh colour	red parti-coloured	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	'AmaRosa'	'Cerisa'
<input type="checkbox"/> Lightsprout: size	small to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	broad cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong to very strong	medium
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very weak to weak	weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input checked="" type="checkbox"/> *Plant: growth habit	upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	strong	weak
<input type="checkbox"/> Leaf: outline size	small	medium to large
<input type="checkbox"/> Leaf: openness	intermediate to open	closed to intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	weak to medium

<input type="checkbox"/>	Leaf: green colour	medium	medium
<input type="checkbox"/>	Leaf: anthocyanin colouration on midrib of upper side	medium to strong	strong
<input checked="" type="checkbox"/>	Second pair of lateral leaflets: size	large	small to medium
<input checked="" type="checkbox"/>	Second pair of lateral leaflets: width in relation to length	narrow	medium
<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/>	Leaflet: waviness of margin	weak to medium	very weak to weak
<input type="checkbox"/>	Leaflet: depth of veins	shallow	shallow to medium
<input type="checkbox"/>	Leaflet: glossiness of the upperside	medium	medium to glossy
<input type="checkbox"/>	Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/>	Flower bud: anthocyanin colouration	medium	weak to medium
<input type="checkbox"/>	Plant: height	medium to tall	medium
<input type="checkbox"/>	*Plant: frequency of flowers	medium to high	medium to high
<input type="checkbox"/>	Inflorescence: size	medium	medium to large
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	weak
<input type="checkbox"/>	Flower corolla: size	medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	strong	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium to large	small to medium
<input type="checkbox"/>	*Plant: time of maturity	early	early
<input type="checkbox"/>	*Tuber: shape	long	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	red	red
<input type="checkbox"/>	*Tuber: colour of base of eye	red	red
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	red parti-coloured	dark yellow

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2011	granted	'AmaRosa'
Canada	2012	granted	'AmaRosa'
EU	2014	pending	'AmaRosa'

First sold in USA on 6th May 2013 as 'AmaRosa'

Description: **Stewart McKay**, Leith, TAS

Details of Application		
Application Number	2015/182	
Variety Name	'Volare'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	AR 00-1001	
Accepted Date	17 Jul 2015	
Applicant	Agrico U.A.	
Agent	Agrico Australia; C/o James Hills, 1 Queen Street, Ridgley, TAS, 7321	
Qualified Person	James Hills	
Details of Comparative Trial		
Location	Agronico P/L, Leith, Tasmania	
Descriptor	TG/23/6	
Period	20 Oct 2017 to 2 Feb 2018	
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.	
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used	
Measurements	Trial data was collected on 7-Nov-2017 using the standard UPOV descriptors. Lightsprout photos were taken on 5th January 2018 and tuber assessments done on 5th February 2018.	
RHS Chart - edition		
Origin and Breeding		
controlled pollination: 'UK 90-60-27' x 'White Lady'. The first 3 years of selection, mainly on agronomical characteristics, occurred in The Netherlands. Following this there were 6 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and in Europe and North Africa, under supervision of Agrico U.A. Breeder: Agrico Research B.V., Emmeloord, 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
Tuber	colour of skin	yellow
Plant	foliage structure	intermediate type
Tuber	colour of base of eye	yellow
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Spunta'		

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

Organ/Plant Part: Context	'Volare'	'Spunta'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak to medium	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	absent or very weak	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	absent or very weak	strong
<input type="checkbox"/> Lightsprout: pubescence of tip	absent or very weak	weak to medium
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	few	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short to medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak
<input type="checkbox"/> Leaf: outline size	medium	medium
<input type="checkbox"/> Leaf: openness	closed to intermediate	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	weak
<input type="checkbox"/> Leaf: green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Plant: time of maturity	medium	medium to late
<input checked="" type="checkbox"/> *Tuber: shape	oval	long
<input type="checkbox"/> Tuber: depth of eyes	shallow	medium
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow

<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	cream	light yellow
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak to medium	absent or very weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Volare'	'Spunta'
<input type="checkbox"/> Tuber: Smoothness of skin	Smooth	smooth

Prior Applications and Sales:

Country	Year	Status	Name Applied
NL	2009	granted	'Volare'
EU	2013	granted	'Volare'

First sold in UK on 1st March 2012 as 'Volare'

Description: **James Hills**, Ridgley, TAS, 7321

Details of Application		
Application Number	2015/176	
Variety Name	'Jacqueline Lee'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Z-02-W15	
Accepted Date	17 Jul 2015	
Applicant	Board of Trustees of Michigan State University, East Lansing, MI 48824, USA	
Agent	Zerella Holdings Pty Ltd; Virginia, SA, 5120	
Qualified Person	Stewart McKay	
Details of Comparative Trial		
Location	Agronico P/L, Leith, Tasmania	
Descriptor	TG/23/6	
Period	2nd Feb 2019 - 30th May 2019	
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.	
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used	
Measurements	Trial data was collected on 15th May 2019 using the standard UPOV descriptors. Light sprout photos were taken on 3rd November 2020 and tuber assessments done on 15th May 2019.	
RHS Chart - edition		
Origin and Breeding		
Controlled pollination: 'Jacqueline Lee' is a new potato variety (<i>Solanum tuberosum</i> L.) developed at Michigan State University with resistance to the US8 genotype of late blight (<i>Phytophthora infestans</i> Mont. de Bary). 'Jacqueline Lee' was evaluated as seedling number MSG274-3. It is a selection from an original cross made in 1994 in East Lansing, MI between the late maturing, late blight resistant Mexican variety 'Tollocan' and the early maturing variety Chaleur (DeJong et al. 1995) for the purpose of breeding late blight resistant cultivars with mid-season maturity. 'Jacqueline Lee' was observed for 7 generations in three locations and was determined to be genetically uniform and stable for generation to generation with no evidence of variants. During clonal seed multiplication, the fields are visually inspected each week to identify virus-infected plants and off-type plants. During this 7-year period of clonal seed multiplication no foliage or tuber variants have been detected. Breeder: David Douches, Board of Trustees of Michigan State University, East Lansing, MI 48824, 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
Lightsprout	size	medium
Lightsprout	proportion of blue in anthocyanin colouration of base	medium

Lightsprout	habit of tip	closed
Lightsprout	pubescence of base	medium to strong
Plant	foliage structure	stem type
Plant	growth habit	semi-upright to spreading
Tuber	colour of skin	yellow
Tuber	colour of base of eye	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	Atlantic substituted in place of Yukon Gold due to unavailability. PBR Australia informed.

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Yukon Gold'	stem	anthocyanin colouration	absent	weak	
'Yukon Gold'	leaf	colour	light green	medium green	

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

Organ/Plant Part: Context	'Jacqueline Lee'	'Atlantic'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input type="checkbox"/> *Lightsprout: shape	conical	broad cylindrical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	medium
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	medium to strong
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak to medium
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	very weak to weak
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	medium to many	many to very many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	stem type	stem type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	weak to medium

<input type="checkbox"/> Leaf: outline size	large	large
<input type="checkbox"/> Leaf: openness	closed to intermediate	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to large	medium to large
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low to medium	low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	weak to medium
<input type="checkbox"/> Leaflet: depth of veins	medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull to medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input checked="" type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	strong to very strong
<input type="checkbox"/> Plant: height	tall	tall
<input checked="" type="checkbox"/> *Plant: frequency of flowers	low to medium	high
<input type="checkbox"/> Inflorescence: size	medium	medium to large
<input checked="" type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak	weak to medium
<input type="checkbox"/> Flower corolla: size	medium	medium to large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	medium	weak to medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input checked="" type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	small to medium	medium to large
<input type="checkbox"/> *Plant: time of maturity	medium to late	medium
<input checked="" type="checkbox"/> *Tuber: shape	long-oval	short-oval
<input checked="" type="checkbox"/> Tuber: depth of eyes	shallow to medium	medium to deep
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/> *Tuber: colour of flesh	medium yellow	cream
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Jacqueline Lee'	'Atlantic'
<input type="checkbox"/> Tuber: skin type	smooth	semi smooth

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2002	granted	'Jacqueline Lee'
Canada	2002	surrendered	'Jacqueline Lee'

First sold in USA in Nov 2012.

Description: **Stewart McKay**, Leith TAS 7315

Details of Application		
Application Number	2016/289	
Variety Name	'Performer'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	AR 00-0799	
Accepted Date	12-Jan-2017	
Applicant	Kweek- en Researchbedrijf Agrico B.V., Emmeloord, The Netherlands	
Agent	Agrico Australia; Level 42, 2 Park Street, Sydney, NSW 2000	
Qualified Person	James Hills	
Details of Comparative Trial		
Location	Agronico P/L Leith Tasmania	
Descriptor	TG/23/6	
Period	20 Oct 2017 to 2 Feb 2018	
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.	
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used	
Measurements	Trial data was collected on 7-Nov-2017 using the standard UPOV descriptors. Lightsprout photos were taken on 5th January 2018 and tuber assessments done on 5th February 2018	
RHS Chart - edition		
Origin and Breeding		
Controlled pollination: 'Nika' x 'Innovator'. The first 3 years of selection, mainly on agronomical characteristics, occurred at Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and in Europe and North Africa, under supervision of Agrico U.A. Breeder: Agrico Research B.V., Emmeloord, 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
Tuber	shape	long oval
Tuber	colour of skin	yellow
Tuber	colour of flesh	light yellow
Tuber	colour of base of eye	yellow
Lightsprout	shape	broad cylindrical
Plant	foliage structure	intermediate type
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Most Similar Varieties of Common Knowledge identified (VCK)		

Name	Comments
'Innovator'	

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

Organ/Plant Part: Context	'Performer'	'Innovator'
<input type="checkbox"/> Lightsprout: size	medium to large	medium
<input type="checkbox"/> *Lightsprout: shape	broad cylindrical	broad cylindrical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	weak to medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	absent or very weak	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	few to medium
<input checked="" type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	very weak to weak
<input type="checkbox"/> Leaf: outline size	medium	medium to large
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak to medium	
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	small	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	medium
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	medium
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	

<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	high	high
<input checked="" type="checkbox"/> Inflorescence: size	medium	large
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
<input type="checkbox"/> Flower corolla: size	medium to large	large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input type="checkbox"/> *Plant: time of maturity	medium	early to medium
<input type="checkbox"/> *Tuber: shape	long-oval	long-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales:

Country	Year	Status	Name Applied
NL	2009	granted	'Performer'
EU	2013	granted	'Performer'

First sold in UK on 9th Oct 2012 as 'Performer'

Description: **James Hills**, Ridgley, TAS, 7321

Details of Application		
Application Number	2016/290	
Variety Name	'Esmee'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym		
Accepted Date	16 Dec 2016	
Applicant	Kweek- en Researchbedrijf Agrico B.V., Emmeloord, The Netherlands	
Agent	Agrico Australia; Level 42, 2 Park Street, Sydney, NSW 2000	
Qualified Person	James Hills	
Details of Comparative Trial		
Location	Agronico P/L, Leith, Tasmania	
Descriptor	TG/23/6	
Period	20 Oct 2017 to 2 Feb 2018	
Conditions	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.	
Trial Design	RCBD with two replicates consisting of 30 plants per replicate were used	
Measurements	Trial data was collected on 7-Nov-2017 using the standard UPOV descriptors. Lightsprout photos were taken on 5th January 2018 and tuber assessments done on 5th February 2018	
RHS Chart - edition		
Origin and Breeding		
Controlled pollination: 'Laura' x 'Rodeo'. The first 3 years of selection, mainly on agronomical characteristics, occurred at Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and in Europe and North Africa, under supervision of Agrico U.A. Breeder: Agrico Research B.V., Emmeloord, 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
Tuber	shape	long oval
Tuber	colour of skin	red
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Lightsprout	number of root tips	many
Plant	foliage structure	intermediate type
Plant	growth habit	semi-upright
Tuber	colour of flesh	medium or medium to light yellow

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

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

Organ/Plant Part: Context	'Esmee'	'Desiree'
<input type="checkbox"/> Lightsprout: size	small to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	broad cylindrical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	small
<input type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	many	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	weak	strong
<input type="checkbox"/> Leaf: outline size	medium to large	medium to large
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	weak
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	very low to low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak	very weak to weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present

<input type="checkbox"/> *Plant: time of maturity	medium	medium to late
<input type="checkbox"/> *Tuber: shape	long-oval	long-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/> *Tuber: colour of skin	red	red
<input checked="" type="checkbox"/> *Tuber: colour of base of eye	red	yellow
<input type="checkbox"/> *Tuber: colour of flesh	medium yellow	light yellow

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Esmee'	'Desiree'
<input type="checkbox"/> Tuber: Smoothness of skin	Smooth	smooth

Prior Applications and Sales:

Country	Year	Status	Name Applied
NL	2010	granted	'Esmee'
EU	2014	granted	'Esmee'

First sold in Israel on 20th Nov 2013 as 'Esmee'

Description: **James Hills**, Ridgley, TAS, 7321

Details of Application		
Application Number	2020/185	
Variety Name	'Dutchess'	
Genus Species	<i>Chenopodium quinoa</i>	
Common Name	Quinoa	
Synonym		
Accepted Date	29 Oct 2020	
Applicant	Stichting Wageningen Research - Wageningen Plant Research, Droevendaalsesteeg 1 NL - 6708 PB Wageningen, The Netherlands	
Agent	Spruson & Ferguson; Level 6, 175 Eagle Street, Brisbane, QLD, 4000	
Qualified Person	John Oates	
Details of Comparative Trial		
Overseas Testing Authority	GEVES (France)	
Overseas Data Reference Number	DEE 4059716	
Location	Geves Brion, France	
Descriptor	TG/CHENO(proj.4)	
Period	2016 to 2017	
Conditions	Trial was conducted in the field in full sun, plants grown in rows	
Trial Design	following standard protocols of GEVES and as per test report DEE 4059716	
Measurements	As per UPOV Technical requirements.	
RHS Chart - edition		
Origin and Breeding		
<p>Selection from half-sib family with variety 'PASTO' as mother and a population of fathers (all non-bitter varieties and selections). The first hybrid was inbred until uniform lines were produced and the selfed offspring of a single F5 line was multiplied by selfing. The variety can be maintained by selfing in isolation (from other varieties). Isolation (from other varieties) is necessary as quinoa in general has an outcrossing rate over 10% between adjacent rows. Breeder: Stichting Wageningen Research - Wageningen Plant Research, Wageningen, The Netherlands</p>		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	saponin content	absent
Seed	colour	yellow
Foliage	glaucosity	medium
Panicle	colour	yellow
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Jessie'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Pasto'	leaf	senescence, time of	early	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	'Dutchess'	'Jessie'
<input type="checkbox"/> Foliage: colour	light green	
<input type="checkbox"/> Foliage: glaucosity	medium	
<input type="checkbox"/> Leaf: angle of base	obtuse	
<input type="checkbox"/> Leaf: dentation	medium	
<input type="checkbox"/> Leaf: size	medium	
<input checked="" type="checkbox"/> Time of flowering:	medium	early
<input type="checkbox"/> Inflorescence: colour	yellow	
<input type="checkbox"/> Stem: colour	green	
<input type="checkbox"/> Stem: stripes	present	
<input type="checkbox"/> Stem: color of stripes	green	
<input type="checkbox"/> Stem: intensity of pigmentation at leaf axil	absent or very weak	
<input type="checkbox"/> Panicle: time of maturity	medium	
<input type="checkbox"/> Plant: height at maturity	medium to tall	
<input type="checkbox"/> Panicle: colour	yellow	
<input type="checkbox"/> Panicle: density	dense	
<input type="checkbox"/> Panicle: width	medium to broad	
<input type="checkbox"/> Seed: colour	yellow	
<input type="checkbox"/> Seed: color without tegument	yellow	
<input type="checkbox"/> Seed: 1000 seed weight	medium	
<input type="checkbox"/> Grain: saponin	absent	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'DUTCHESS'
Turkey	2017	Granted	'DUTCHESS'

New Zealand	2018	Granted	'DUTCHESS'
United States	2019	pending	'DUTCHESS'
Switzerland	2018	Granted	'DUTCHESS'
Israel	2019	pending	'DUTCHESS'
Canada	2019	pending	'DUTCHESS'

First sold on 1st March 2017 in the Netherlands

Description: **John Oates**, VF Solutions, Merimbula, NSW 2548

Details of Application		
Application Number	2017/267	
Variety Name	'KORgeowim'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	08 Mar 2018	
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.	
Agent	Midwood Roses Pty Ltd, Portland, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'KORgeowin' was the resultant seedling from a cross between the seed parent 'AUSham' and an unnamed seedling in 2003 and was first selected in May 2004 at the breeding facility of W. Kordes Sohne in Sparrieshoop, Germany. The seedling was selected in July 2004 and was budded onto <i>Rosa canina</i> planted in the open field. Follow up selections took place in 2005 and subsequent years until its commercial release in October 2013. All processes were conducted by or under the supervision of Tim Hermann Kordes. Breeder: Tim Hermann Kordes, W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Leaf	size	large
Leaf	intensity of green colour	medium
Flower	type	double
Flower	colour group	pink

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

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

Organ/Plant Part: Context	'KORgeowim'	'AUScousin'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi-upright	semi-upright
<input checked="" type="checkbox"/> Plant: height	tall to very tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	very weak
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	weak
<input type="checkbox"/> *Leaflet: undulation of margin	medium	medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acuminate
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	very many	many to very many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input checked="" type="checkbox"/> Flower: density of petals	very dense	medium
<input checked="" type="checkbox"/> *Flower: diameter	small to medium	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	strong	strong
<input checked="" type="checkbox"/> *Sepal: extensions	weak	very strong
<input checked="" type="checkbox"/> Petals: reflexing of petals one-by-one	absent	present

<input type="checkbox"/> *Petal: shape	rounded	rounded
<input type="checkbox"/> Petal: incisions	weak to medium	weak to medium
<input type="checkbox"/> Petal: reflexing of margin	weak	weak
<input type="checkbox"/> Petal: undulation	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Petal: size	small	large
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	69D	65C
<input checked="" type="checkbox"/> *Petal: basal spot on the inner side	absent	present
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	69D	73B
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	medium yellow
<input type="checkbox"/> Seed vessel: size	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2013	Granted	'KORgeowim'
USA	2014	Granted	'KORgeowim'

First sold in EU in Oct 2013.

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2019/248	
Variety Name	'KORtangwal'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	03 Dec 2019	
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.	
Agent	Midwood Roses Pty Ltd, Portland, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'KORtangwal' was the resultant seedling from a cross between an unnamed seedling ('KORpeligo' x unnamed seedling) with 'KORchiaki' in May 2005 at the breeding facility of W. Kordes Sohne in Sparrieshoop, Germany. The seedling was selected in May 2006 and was budded onto <i>Rosa canina</i> planted in the open field. Follow up selections took place in 2008 and 2009 and was commercially introduced into Germany in August 2016. All breeding and selection processes were conducted by or under the supervision of Wilhelm-Alexander Kordes. Breeder's: Wilhelm-Alexander Kordes, W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	semi-upright
Plant	height	tall
Flower	type	double
Flower	colour group	purple
Flower	shape	round

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

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

Organ/Plant Part: Context	'KORtangwal'	'KORfriedhar'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi-upright	semi-upright
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak	strong
<input checked="" type="checkbox"/> Stem: number of prickles	very few to few	few to medium
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	medium to strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak
<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
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	many	medium
<input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	purple	purple
<input type="checkbox"/> Flower: colour of the centre	purple	purple
<input type="checkbox"/> Flower: density of petals	medium	medium
<input checked="" type="checkbox"/> *Flower: diameter	small	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak

<input checked="" type="checkbox"/> *Sepal: extensions	weak to medium	strong to very strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	obcordate	rounded
<input checked="" type="checkbox"/> Petal: incisions	weak	medium
<input type="checkbox"/> Petal: reflexing of margin	medium	medium
<input checked="" type="checkbox"/> Petal: undulation	weak	medium
<input checked="" type="checkbox"/> *Petal: size	small	large
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	lighter towards the base	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	75D	76D
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	small	small to medium
<input checked="" type="checkbox"/> *Petal: colour of basal spot on inner side	white	medium yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	75C	76D
<input type="checkbox"/> Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/> Seed vessel: size	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales: Nil

First sold in Sep 2019 in Australia

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2017/118	
Variety Name	'Ausmobile'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	17 May 2017	
Applicant	David Austin Roses Limited, Wolverhampton, UK	
Agent	Siebler Publishing Services, Hartwell, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to May 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: In 2005, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, England, an unnamed seedling was selected to be the mother and an unnamed seedling was selected to be the father. The resulting seed was sown in January 2006, from which a number of seedlings grew. The best of these seedlings was then selected and from this plant, in July 2006, 8 buds were taken and grafted (using the 'T-budding' method) onto <i>Rosa Laxa</i> root-stock outdoors. The following year, in 2007, the variety was considered good enough to be increased by grafting to 30 plants. Next year, in 2008, the increase was up to 200, and two years after that, in 2010, it was increased to 1,500. In 2012 the variety was increased by further budding to 5,000, sufficient budding for a commercial introduction in the UK in May 2013. Breeder's: David Austin Roses Ltd, Albrighton, Wolverhampton, UK.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	climber
Flower	type	double
Flower	number of petals	many
Flower	colour group	pink
Flower	shape	round

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

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

Organ/Plant Part: Context	'Ausmobile'	'AUSled'
<input type="checkbox"/> *Plant: growth type	climber	climber
<input checked="" type="checkbox"/> Plant: height	medium to tall	tall to very tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> Stem: number of prickles	medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	yellowish
<input checked="" type="checkbox"/> Leaf: size	medium	very large
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium to strong
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak to medium	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
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	many	few
<input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	medium to dense	medium
<input checked="" type="checkbox"/> *Flower: diameter	small	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	medium to strong	medium to strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	obcordate	obcordate

<input checked="" type="checkbox"/> Petal: incisions	absent or very weak	weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	weak	absent or very weak
<input type="checkbox"/> Petal: undulation	medium	weak to medium
<input type="checkbox"/> *Petal: size	small to medium	medium
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	155C	56D
<input checked="" type="checkbox"/> *Petal: basal spot on the inner side	absent	present
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	69B	65C
<input checked="" type="checkbox"/> Seed vessel: size	medium	small
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2013	Granted	'Ausmobile'
JP	2014	Applied	'Ausmobile'

First sold in Japan in May 2013

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2019/077	
Variety Name	'AUSKINDLING'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	28 May 2019	
Applicant	David Austin Roses Limited, Wolverhampton, UK	
Agent	Siebler Publishing Services, Hartwell, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'AUSkindling' was the result of a cross between two unnamed seedlings in 2007. The resulting seed was sown in January 2008, resulting in several seedlings. The best of these seedlings was then chosen for further trial and development. From this plant, in July 2008, 8 buds were taken and grafted (using the 'T'-budding method) onto <i>Rosa</i> Laxa rootstock outdoors. The following year, in 2009, the variety was considered good enough to be increased by grafting to 30 plants. Next year, in 2010, the increase was up to 200, and two years after that, in 2012, it was increased to 1,500. In 2014 the variety was increased by further budding to 5,000, sufficient budding for a commercial introduction in May 2015. Breeder: David Austin Roses Ltd, Albrighton, Wolverhampton, UK.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	strongly spreading
Plant	height	medium to tall
Flower	type	double
Flower	density of petals	loose
Flower	shape of head	cupped

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

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

Organ/Plant Part: Context	'AUSKINDLING'	'AUSPRIOR'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	strongly spreading	strongly spreading
<input type="checkbox"/> Plant: height	tall	medium to tall
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	weak
<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	acuminate	acuminate
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	elliptic	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	medium
<input checked="" type="checkbox"/> *Flower: colour group	orange blend	yellow
<input type="checkbox"/> Flower: colour of the centre	orange	yellow
<input type="checkbox"/> Flower: density of petals	loose	loose
<input type="checkbox"/> *Flower: diameter	small to medium	small to medium
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flat
<input type="checkbox"/> Flower: fragrance	strong	strong
<input type="checkbox"/> *Sepal: extensions	medium	medium
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent

<input type="checkbox"/> *Petal: shape	obcordate	obovate
<input checked="" type="checkbox"/> Petal: incisions	strong	weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation	absent or very weak	medium
<input type="checkbox"/> *Petal: size	small	small
<input type="checkbox"/> *Petal: length	medium	medium
<input checked="" type="checkbox"/> *Petal: width	medium	narrow
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	159D	155C
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	very small	very small
<input type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	light yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	36D	155C
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	red
<input type="checkbox"/> Seed vessel: size	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	'AUSKINDLING'
USA	2016	Granted	'AUSKINDLING'
JP	2016	Granted	'AUSKINDLING'

First sold in UK in May 2015.

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2020/065	
Variety Name	'Noa16079'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Synonym	Nil	
Accepted Date	15 May 2020	
Applicant	Reinhard Noack, Gütersloh, Germany	
Agent	Flower Carpet Pty Ltd, Silvan, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to May 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'Noa16079' was the resultant seedling from a cross between two unnamed breeding parents in May 2007. Asexual reproduction of the new cultivar was performed by terminal semi-soft wood vegetative cuttings and/or grafting (rootstock used was <i>Rosa canina</i> 'Pfanders'). This was first performed at a research greenhouse in Gütersloh, Germany in Summer of 2008 and has shown that the unique features of this cultivar are stable and reproduced true to type in successive generations. All breeding and selection were carried out by, or under the supervision of Reinhard Noack. Breeder: Reinhard Noack, Gütersloh, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	upright
Plant	height	very tall
Flower	type	double
Flower	colour group	pink
Flower	fragrance	medium

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'NOA1811108'	
'NOA38121'	
'KORgehaque'	

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

Organ/Plant Part: Context	'Noa16079'	'KORgehaque'	'NOA1811108'	'NOA38121'
<input type="checkbox"/> *Plant: growth type	shrub	shrub	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright	upright	upright
<input type="checkbox"/> Plant: height	very tall	very tall	very tall	very tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak	strong	strong	very weak
<input type="checkbox"/> Stem: number of prickles	medium to many	many	many	medium to many
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish	purplish	greenish
<input type="checkbox"/> Leaf: size	large	large	large to very large	large to very large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	strong	weak	medium	strong
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	medium	weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	cordate	rounded	rounded	cordate
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few	very few	very few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate	elliptic	broad ovate
<input type="checkbox"/> *Flower: type	double	double	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	many	few to medium	medium	many

<input type="checkbox"/> *Flower: colour group	pink	pink	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink	pink	pink
<input checked="" type="checkbox"/> Flower: density of petals	medium to dense	loose	loose to medium	medium
<input checked="" type="checkbox"/> *Flower: diameter	medium	medium	medium to large	large
<input type="checkbox"/> *Flower: shape	irregularly rounded	round	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flattened convex	flat	flat
<input type="checkbox"/> Flower: fragrance	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Sepal: extensions	strong	medium	medium to strong	medium
<input checked="" type="checkbox"/> Petals: reflexing of petals one-by-one	present	absent	present	present
<input type="checkbox"/> *Petal: shape	rounded	rounded	rounded	rounded
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	strong	absent or very weak	medium	strong
<input checked="" type="checkbox"/> Petal: undulation	weak	medium	weak to medium	weak
<input checked="" type="checkbox"/> *Petal: size	medium	medium to large	large	large
<input type="checkbox"/> *Petal: length	medium	medium	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Petal: number of colours on inner side	two	one	one	one
<input checked="" type="checkbox"/> *Petal: intensity of colour	lighter towards the top	even	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	55B	53D	66B	66B
<input checked="" type="checkbox"/> *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	57A	n/a	n/a	n/a
<input checked="" type="checkbox"/> *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at base	n/a	n/a	n/a
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	small to medium	medium	small to medium	small
<input type="checkbox"/> *Petal: colour of basal spot on	medium yellow	light yellow	light yellow	light yellow

inner side				
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	97C	58C	67C	66C
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	purple	light yellow	light yellow
<input checked="" type="checkbox"/> Seed vessel: size	very small	medium	small to medium	very small
<input type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped	funnel-shaped	funnel-shaped

Prior Applications and Sales:

Nil

Description: **Christopher Prescott**, Moores Road, Clyde VIC.

Details of Application		
Application Number	2020/066	
Variety Name	'Noa38121'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Synonym	Nil	
Accepted Date	15 May 2020	
Applicant	Reinhard Noack, Gütersloh, Germany	
Agent	Flower Carpet Pty Ltd, Silvan, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to May 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'Noa38121' was the resultant seedling from a cross between an unnamed breeding parent and 'Westzeit' in April 2009. Asexual reproduction of the new cultivar was performed by terminal semi-soft wood vegetative cuttings and/or grafting (rootstock used was <i>Rosa canina</i> 'Pfanders'). This was first performed at a research greenhouse in Gütersloh, Germany in summer of 2010 and has shown that the unique features of this cultivar are stable and reproduced true to type in successive generations. All breeding and selection were carried out by, or under the supervision of Reinhard Noack. Breeder: Reinhard Noack, Gütersloh, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	upright
Plant	height	very tall
Flower	type	double
Flower	colour group	pink
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'KORgehaque'		

'NOA1811108'				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'NOA1112130'	Flower colour group	pink	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	'Noa38121'	'KORgehaque'	'NOA1811108'
<input type="checkbox"/> *Plant: growth type	shrub	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright	upright
<input type="checkbox"/> Plant: height	very tall	very tall	very tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak	strong	strong
<input type="checkbox"/> Stem: number of prickles	medium to many	many	many
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish	purplish
<input type="checkbox"/> Leaf: size	large to very large	large	large to very large
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	strong	weak	medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak	medium	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	cordate	rounded	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	few	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few	very few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate	elliptic
<input type="checkbox"/> *Flower: type	double	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	many	few to medium	medium
<input type="checkbox"/> *Flower: colour group	pink	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink	pink

<input checked="" type="checkbox"/> Flower: density of petals	medium	loose	loose to medium
<input checked="" type="checkbox"/> *Flower: diameter	large	medium	medium to large
<input type="checkbox"/> *Flower: shape	round	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flattened convex	flat
<input type="checkbox"/> Flower: fragrance	medium	medium	medium
<input type="checkbox"/> *Sepal: extensions	medium	medium	medium to strong
<input checked="" type="checkbox"/> Petals: reflexing of petals one-by-one	present	absent	present
<input type="checkbox"/> *Petal: shape	rounded	rounded	rounded
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	strong	absent or very weak	medium
<input checked="" type="checkbox"/> Petal: undulation	weak	medium	weak to medium
<input type="checkbox"/> *Petal: size	large	medium to large	large
<input type="checkbox"/> *Petal: length	medium	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	66B	53D	66B
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot on inner side	small	medium	small to medium
<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 the outer side (RHS Colour Chart)	66C	58C	67C
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	purple	light yellow
<input checked="" type="checkbox"/> Seed vessel: size	very small	medium	small to medium
<input type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped	funnel-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
QZ	2016	Granted	'Noa38121'
USA	2017	Granted	'Noa38121'
CH	2017	Granted	'Noa38121'

First sold in Germany in June 2016.

Description: **Christopher Prescott**, Moores Road, Clyde VIC.

Details of Application		
Application Number	2020/067	
Variety Name	'Noa112130'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Synonym	Nil	
Accepted Date	19 May 2020	
Applicant	Reinhard Noack, Gutersloh, Germany	
Agent	Flower Carpet Pty Ltd, Monbulk Road, Silvan, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'Noa112130' was the resultant seedling from a cross between 'Charisma' and an unnamed breeding parent in April 2009. Asexual reproduction of the new cultivar was performed by terminal semi-soft wood vegetative cuttings and/or grafting (rootstock is <i>Rosa canina</i> 'Pfanders'). This was first performed at a research greenhouse in Gutersloh, Germany in Summer of 2010 and has shown that the unique features of this cultivar are stable and reproduced true to type in successive generations. All breeding and selection were carried out by, or under the supervision of Reinhard Noack. Breeder: Reinhard Noack, Gutersloh, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	semi upright to upright
Flower	type	double
Flower	shape	round
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'AUSbrass'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Charisma'	Flower	main colour	orange	red-pink	
'NOA1811108'	Flower	main colour	orange	red-pink	
'NOA38121'	Flower	main colour	orange	red-pink	

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

Organ/Plant Part: Context	'Noa1112130'	'AUSbrass'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	semi upright
<input checked="" type="checkbox"/> Plant: height	very tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	medium
<input checked="" type="checkbox"/> Stem: number of prickles	many to very many	medium
<input type="checkbox"/> Prickles: predominant colour	greenish	yellowish
<input checked="" type="checkbox"/> Leaf: size	very large	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	strong	weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak to medium	absent or very weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	obtuse
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	medium	very few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many
<input type="checkbox"/> *Flower: colour group	orange	orange blend
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input checked="" type="checkbox"/> Flower: density of petals	medium	loose
<input type="checkbox"/> *Flower: diameter	medium	medium to large
<input type="checkbox"/> *Flower: shape	round	round

<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	flat	flat
<input type="checkbox"/>	Flower: fragrance	medium	medium
<input checked="" type="checkbox"/>	*Sepal: extensions	medium	strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	obcordate	obcordate
<input checked="" type="checkbox"/>	Petal: incisions	weak	medium
<input type="checkbox"/>	Petal: reflexing of margin	strong	strong
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	155C	36D
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot-on inner side	small	very small
<input type="checkbox"/>	*Petal: colour of basal spot-on inner side	light yellow	light yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	155C	36D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	green	light yellow
<input checked="" type="checkbox"/>	Seed vessel: size	medium	large
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'Noa1112130'
USA	2017	Granted	'Noa1112130'

First sold in Germany in June 2016.

Description: **Christopher Prescott**, Moores Road, Clyde, VIC..

Details of Application		
Application Number	2017/072	
Variety Name	'AUSBRASS'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	19 Apr 2017	
Applicant	David Austin Roses Limited, Wolverhampton, UK	
Agent	Siebler Publishing Services, Hartwell, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: In 2005, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, England, an unnamed seedling was selected to be the mother and an unnamed seedling was selected to be the father. The resulting seed was sown in January 2006, from which several seedlings grew. The best of these seedlings was then selected and from this plant, in July 2006, 8 buds were taken and grafted (using the 'T-budding' method) onto <i>Rosa Laxa</i> root-stock outdoors. The following year, in 2007, the variety was considered good enough to be increased by grafting to 30 plants. Next year, in 2008, the increase was up to 200, and two years after that, in 2010, it was increased to 1,500. In 2012 the variety was increased by further budding to 5,000, sufficient budding for a commercial introduction in the UK in May 2013. Breeder: David Austin Roses Ltd, Albrighton, Wolverhampton, UK.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	height	medium
Flower	type	double
Flower	number of petals	many
Flower	colour group	orange blend

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'AUSkeppy'	
'AUSjameson'	

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

Organ/Plant Part: Context	'AUSBRASS'	'AUSjameson'	'AUSkeppy'
<input type="checkbox"/> *Plant: growth type	shrub	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	upright	moderately spreading
<input type="checkbox"/> Plant: height	medium	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium	very weak
<input type="checkbox"/> Stem: number of prickles	medium	medium	medium
<input type="checkbox"/> Prickles: predominant colour	yellowish	yellowish	reddish
<input checked="" type="checkbox"/> Leaf: size	medium	large to very large	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak	weak
<input type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	very weak to weak	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded	rounded
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	obtuse	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	very few	very few	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few	very few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	elliptic	elliptic
<input type="checkbox"/> *Flower: type	double	double	double
<input type="checkbox"/> *Flower: number of petals	many	many	many
<input type="checkbox"/> *Flower: colour group	orange blend	orange blend	orange blend
<input type="checkbox"/> Flower: colour of the centre	orange	orange	orange
<input checked="" type="checkbox"/> Flower: density of petals	loose	medium to dense	loose
<input checked="" type="checkbox"/> *Flower: diameter	medium to large	medium	small to medium
<input checked="" type="checkbox"/> *Flower: shape	round	round	star-shaped
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flat	flattened convex

<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	convex	concave
<input type="checkbox"/> Flower: fragrance	medium	absent or weak	medium
<input checked="" type="checkbox"/> *Sepal: extensions	strong	very strong	medium
<input checked="" type="checkbox"/> Petals: reflexing of petals one-by-one	present	absent	present
<input checked="" type="checkbox"/> *Petal: shape	obcordate	obcordate	elliptic
<input checked="" type="checkbox"/> Petal: incisions	medium	absent or very weak	medium
<input checked="" type="checkbox"/> Petal: reflexing of margin	strong	very weak to weak	very strong
<input type="checkbox"/> Petal: undulation	weak	weak	weak
<input type="checkbox"/> *Petal: size	medium	medium to large	medium
<input checked="" type="checkbox"/> *Petal: length	medium	medium	very long
<input checked="" type="checkbox"/> *Petal: width	medium	medium	narrow
<input type="checkbox"/> *Petal: number of colours on inner side	one	two	two
<input type="checkbox"/> *Petal: intensity of colour	even	lighter towards the top	lighter towards the top
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	36D	11C	19D
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot-on inner side	very small	small	small
<input type="checkbox"/> *Petal: colour of basal spot-on inner side	light yellow	medium yellow	medium yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	36D	18D	36C
<input type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	light yellow	medium yellow
<input checked="" type="checkbox"/> Seed vessel: size	large	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2013	Granted	'AUSBRASS'
JP	2014	Granted	'AUSBRASS'

First sold in Japan in May 2013

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2020/068	
Variety Name	'Noa1811108'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Synonym	Nil	
Accepted Date	19 May 2020	
Applicant	Reinhard Noack, Gutersloh, Germany	
Agent	Flower Carpet Pty Ltd, Monbulk Road, Silvan, VIC.	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: 'Noa1811108' was the resultant seedling from a cross between 'Charisma' and an unnamed breeding parent in April 2009. Asexual reproduction of the new cultivar was performed by terminal semi-soft wood vegetative cuttings and/or grafting (rootstock is <i>Rosa canina</i> 'Pfanders'). This was first performed at a research greenhouse in Gutersloh, Germany in Summer of 2010 and has shown that the unique features of this cultivar are stable and reproduced true to type in successive generations. All breeding and selection were carried out by, or under the supervision of Reinhard Noack (Breeder).		
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
Plant	growth habit	semi upright to upright
Flower	type	double
Flower	colour group	pink
Flower	shape	round

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'NOA38121'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Charisma'	Flower	main colour	pink	red-pink	
'NOA1112130'	Flower	main colour	pink	orange	
'AUScousin'	Outer stamen	predominant colour of filament	light yellow	green	

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

Organ/Plant Part: Context	'Noa1811108'	'NOA38121'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	very tall	very tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	very weak
<input type="checkbox"/> Stem: number of prickles	many	medium to many
<input checked="" type="checkbox"/> Prickles: predominant colour	purplish	greenish
<input type="checkbox"/> Leaf: size	large to very large	large to very large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium	strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	cordate
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per	very few	very few

lateral (varieties with flowering laterals only)		
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	elliptic	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	loose to medium	medium
<input type="checkbox"/> *Flower: diameter	medium to large	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input type="checkbox"/> Flower: fragrance	medium	medium
<input type="checkbox"/> *Sepal: extensions	medium to strong	medium
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	rounded	rounded
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: reflexing of margin	medium	strong
<input type="checkbox"/> Petal: undulation	weak to medium	weak
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	66B	66B
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	small to medium	small
<input type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	light yellow
<input type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	67C	66C
<input type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	light yellow
<input checked="" type="checkbox"/> Seed vessel: size	small to medium	very small
<input type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'Noa1811108'
USA	2017	Granted	'Noa1811108'

First sold in Germany in June 2016.

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2018/093	
Variety Name	'AUSMIXTURE'	
Genus Species	<i>Rosa</i> hybrid	
Common Name	Rose	
Accepted Date	10 May 2018	
Applicant	David Austin Roses Limited, Wolverhampton, UK	
Agent	Siebler Publishing Services, Hartwell, VIC	
Qualified Person	Christopher Prescott	
Details of Comparative Trial		
Location	Moores Road, Clyde, VIC	
Descriptor	Rose (<i>Rosa</i>)TG/11/8 Rev.	
Period	November 2020 to April 2021	
Conditions	The trial was conducted in an unheated poly house using pots on raised benches in a hydroponic system designed for cut rose production. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. At the time of the trial, there was some evidence of minor two-spotted mite damage on some leaves and minor thrip damage to some flowers.	
Trial Design	The trial was set using 330mm pots on raised benches in single rows with four plants per pot using three pot blocks of 12 plants per variety. The media used was a commercial grade coir mix.	
Measurements	Measurements were taken at random.	
RHS Chart - edition	1995	
Origin and Breeding		
Controlled pollination: In 2006, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, Wolverhampton, UK, an unnamed seedling was selected to be the mother and an unnamed seedling was selected to be the father. The resulting seed was sown in January 2007, from which several seedlings grew. The best of these seedlings was then selected and from this plant, in July 2007, 8 buds were taken and grafted (using the 'T-budding' method) onto <i>Rosa</i> Laxa root-stock outdoors. The following year, in 2008, the variety was considered good enough to be increased by grafting to 30 plants. Next year, in 2009, the increase was up to 200, and two years after that, in 2011, it was increased to 1,500. In 2013 the variety was increased by further budding to 5,000, sufficient budding for a commercial introduction in the UK in May 2014. David Austin Roses Ltd, Albrighton, Wolverhampton, UK.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	shrub
Plant	growth habit	moderately spreading
Plant	height	medium to tall
Flower	type	double
Flower	number of petals	many
Flower	colour group	pink

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

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

Organ/Plant Part: Context	'AUSMIXTURE'	'AUSjosiah'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	moderately spreading	moderately spreading
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	medium to strong
<input type="checkbox"/> Stem: number of prickles	medium to many	many
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	light to 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	strong
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	cordate	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	medium	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	medium to dense	medium
<input type="checkbox"/> *Flower: diameter	large	large
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input checked="" type="checkbox"/> Flower: fragrance	absent or weak	strong

<input checked="" type="checkbox"/> *Sepal: extensions	medium	strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/> *Petal: shape	obcordate	obovate
<input type="checkbox"/> Petal: incisions	very weak to weak	absent or very weak
<input type="checkbox"/> Petal: reflexing of margin	weak to medium	medium
<input checked="" type="checkbox"/> Petal: undulation	medium	strong
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Petal: length	long	long
<input checked="" type="checkbox"/> *Petal: width	broad	medium
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	lighter towards the base	lighter towards the base
<input type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	69D	69D
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot on inner side	small	very small
<input type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	light yellow
<input type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	69B	69B
<input type="checkbox"/> Outer stamen: predominant colour of filament	light yellow	light yellow
<input type="checkbox"/> Seed vessel: size	medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2014	Granted	'AUSMIXTURE'
USA	2015	Granted	'AUSMIXTURE'

First sold in UK in May 2014

Description: **Christopher Prescott**, Moores Road, Clyde, VIC.

Details of Application		
Application Number	2019/203	
Variety Name	'Razzleberry Ruffles'	
Genus Species	<i>Lavandula pedunculata</i>	
Common Name	Spanish Lavender	
Accepted Date	17 Sep 2019	
Applicant	Plant Growers Australia, Wonga Park, VIC	
Agent	Plants Management Australia Pty. Ltd.; Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	TG/194/1 <i>Lavandula (Lavandula)</i>	
Period	January 2020 to October 2020	
Conditions	Trial conducted in the open, plants propagated from cuttings during January 2020, transferred from tubes to 140mm pots in March 2020. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
<p>Cross pollination: Cross pollination occurred with the maternal parent 'Blueberry Ruffles' and Paternal parent IB910-1 in October 2013 as part of an ongoing breeding program to produce a selection with dark flowers and dark pink coloured infertile bracts in a dense plant habit. Seedlings were raised in February 2014 and grown to flowering maturity spring 2014. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further 12 months. In October 2015 a final selection was made on the criteria including Inflorescence bract colour dark pink, attitude of infertile bracts spreading, flower colour dark violet - blue and plant habit dense. All subsequent generations have remained uniform and stable. Breeders: Steve Eggleton and Howard Bentley, Plant Growers Australia, Wonga Park, VIC.</p>		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of calyx	purplish
Spike	shape	cylindrical
Spike	main colour of infertile bracts (stoechas section only)	pink
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'IB 910-2'	The Princess	
'Sugarberry Ruffles'		
'Frills Pink'		
'FW Radiance'		

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

Organ/Plant Part: Context	'Razzleberry Ruffles'	'FW Radiance'	'Frills Pink'	'IB 910-2'	'Sugarberry Ruffles'
<input checked="" type="checkbox"/> *Plant: growth habit	bushy	globular	bushy	bushy	bushy
<input checked="" type="checkbox"/> *Plant: size	small to medium	medium	medium	medium to large	medium
<input checked="" type="checkbox"/> Plant: intensity of green colour of foliage	light	medium to dark	medium	medium to dark	medium
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	medium to strong	absent or very weak	absent or very weak	medium	weak
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	semi-erect	semi-erect	erect	erect	erect
<input checked="" type="checkbox"/> *Plant: density	dense	medium	dense	medium	dense
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Flowering stem: length	short	short to medium	very short to short	short to medium	very short to short
<input type="checkbox"/> Flowering stem: thickness at middle third	very thin to thin	thin	very thin to thin	thin	very thin to thin
<input type="checkbox"/> *Flowering stem: intensity of green colour	light to medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	medium	medium	very weak to weak	medium	very weak to weak
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent	absent	absent
<input type="checkbox"/> *Spike: maximum width	narrow to medium	narrow to medium	narrow to medium	narrow	narrow to medium
<input checked="" type="checkbox"/> *Spike: total length	medium	medium	medium	medium to long	short
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	medium	medium	medium	medium	few to medium
<input type="checkbox"/> Spike: width of fertile bracts	medium to broad	broad	broad	broad	broad
<input type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only)	green	green	green	green	green
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present	present	present
<input checked="" type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	long	very long	medium	long	medium
<input checked="" type="checkbox"/> *Spike: shape of infertile	linear	oblong	oblong	oblong	oblong

bracts (Stoechas section only)					
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	77 A+B	N74 C	72 B+C	N74 C	73C
<input checked="" type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	medium	medium to strong	weak to medium	strong to very strong	weak to medium
<input type="checkbox"/> *Flower: colour of calyx	purplish	purplish	purplish	purplish	purplish
<input checked="" type="checkbox"/> Flower: pubescence of calyx	weak to medium	medium to strong	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> *Corolla: colour	purple	pink	pink	pink	pink
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	early	medium to late	medium	early to medium

Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context	'Razzleberry Ruffles'	'FW Radiance'	'Frills Pink'	'IB 910-2'	'Sugarberry Ruffles'
<input checked="" type="checkbox"/> Corolla: colour (RHS colour chart)	N92 C	N78 B	71A	N78 A	N78 B
<input type="checkbox"/> Leaf: Length	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf: Width	medium	narrow to medium	narrow to medium	medium	narrow to medium
<input checked="" type="checkbox"/> Spike: Width of infertile bracts	medium	broad	medium	broad	medium
<input type="checkbox"/> Spike: main colour of infertile bracts	pink	dark pink	pink	dark pink	pink

Prior Applications and Sales:

Nil

First sold in Australia, 03 September 2018

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

Details of Application		
Application Number	2017/246	
Variety Name	'Frill Pink'	
Genus Species	<i>Lavandula pedunculata</i>	
Common Name	Spanish Lavender	
Accepted Date	11 Oct 2017	
Applicant	Young Plants Pty Ltd; Clayton South, VIC	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	TG/194/1	
Period	Autumn to Spring 2019	
Conditions	Plants were grown outside in 200mm pots with commercially supplied pinebark and coir based growing media. Plants were fertilised with slow release fertiliser and overhead irrigation as required.	
Trial Design	10 plants in block design	
Measurements	From ten plants at random	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
Open pollination: seed parent in 2012. The seed parent is characterised by a medium plant height, narrow leaf width, medium infertile bract width and medium grey leaf colour. Selection took place in Longwarry, Victoria in 2015. Selection criteria: compact, rounded plant habit, pink bract colour, red petal colour, humidity tolerance, neatly positioned inflorescences. Propagation: vegetative cuttings and micropropagation are found to be uniform and stable. Breeder: Joseph Murray, Officer, 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	size	medium
Flowering stem	number of lateral branches	many
Spike	maximum width	narrow to medium
Spike	total length	short
Spike	number of flowers	many
Spike	width of fertile bracts	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Senpin'		
'Senros'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'With Love'	Spike	main colour of infertile bract	light pink	dark pink	

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

Organ/Plant Part: Context	'Frill Pink'	'Senpin'	'Senros'
<input type="checkbox"/> *Plant: growth habit	bushy	upright	upright
<input type="checkbox"/> *Plant: size	medium	medium	medium
<input checked="" type="checkbox"/> Plant: intensity of green colour of foliage	medium	light	dark
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	absent or very weak	medium	weak
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	semi-erect	erect	semi-erect
<input checked="" type="checkbox"/> *Plant: density	dense	medium	medium
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	very short	medium	short
<input checked="" type="checkbox"/> Flowering stem: thickness at middle third	thick to very thick	thin to medium	thin to medium
<input type="checkbox"/> *Flowering stem: intensity of green colour	light to medium	light to medium	light to medium
<input checked="" type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	very weak	weak	medium to strong
<input type="checkbox"/> *Flowering stem: lateral branching	present	present	present
<input type="checkbox"/> Flowering stem: number of lateral branches	many	many	many
<input checked="" type="checkbox"/> *Flowering stem: length of longest lateral branch above foliage	medium to long	short to medium	short to medium
<input type="checkbox"/> *Spike: maximum width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> *Spike: total length	short	short	short
<input type="checkbox"/> Spike: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	many	many	many
<input type="checkbox"/> Spike: width of fertile bracts	medium	medium	medium

<input checked="" type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only)	red purple	violet	red purple
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present
<input checked="" type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	very short to short	short to medium	short to medium
<input type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only)	elliptic	elliptic	oblong
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	N80C	84C	N80B
<input checked="" type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	medium	weak to medium	strong
<input checked="" type="checkbox"/> *Flower: colour of calyx	greenish	purplish	greenish
<input type="checkbox"/> Flower: pubescence of calyx	strong	strong	strong
<input checked="" type="checkbox"/> *Corolla: colour	purple	violet	purple
<input type="checkbox"/> Time of: beginning of flowering	medium to late	medium	medium to late

Prior Applications and Sales:

Nil

First sold in Australia, 28 Aug 2016

Description: **Ian Paananen**, MacMasters Beach NSW

Details of Application		
Application Number	2019/201	
Variety Name	'PurpleReign'	
Genus Species	<i>Lavandula pedunculata</i>	
Common Name	Spanish Lavender	
Accepted Date	30 Oct 2019	
Applicant	Plant Growers Australia, Wonga Park, VIC	
Agent	Plants Management Australia Pty. Ltd.; Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	TG/194/1 <i>Lavandula</i> (<i>Lavandula</i>)	
Period	January 2020 to October 2020	
Conditions	Trial conducted in the open, plants propagated from cuttings during January 2020, transferred from tubes to 140mm pots in March 2020. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
<p>Cross pollination: Cross pollination occurred with the maternal parent 'IB 910-2' and paternal parent 'Violet Lace' in October 2013 as part of an ongoing breeding program to produce a selection with dark flowers and dark purple coloured infertile bracts in an upright plant habit. Seedlings were raised in February 2014 and grown to flowering maturity spring 2014. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further 12 months. In October 2015 a final selections was made on the criteria including Inflorescence bract colour purple, flower colour dark violet and plant habit upright. All subsequent generations have remained uniform and stable. Breeders: Howard Bentley, Plant Growers Australia, Wonga Park, VIC.</p>		
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	intensity of grey tinge of foliage	absent or very weak
Flowering Stem	intensity of pubescence (Stoechas and Pterostoechas sections only)	medium
Spike	total length	medium
Spike	shape	cylindrical
Spike	presence of infertile bracts	present
Corolla	colour	violet

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'Violet Lace'	
'Winter Lace'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'FW Spellbound'	Spike	total length	medium	short	

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

Organ/Plant Part: Context	'PurpleReign'	'Violet Lace'	'Winter Lace'
<input checked="" type="checkbox"/> *Plant: growth habit	upright	bushy	bushy
<input checked="" type="checkbox"/> *Plant: size	large	large	medium to large
<input type="checkbox"/> Plant: intensity of green colour of foliage	light to medium	light	light to medium
<input type="checkbox"/> Plant: intensity of grey tinge of foliage	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> *Plant: density	open to medium	medium	medium to dense
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	medium	medium to long	medium
<input checked="" type="checkbox"/> Flowering stem: thickness at middle third	medium	medium	thin
<input type="checkbox"/> *Flowering stem: intensity of green colour	medium	medium	medium
<input type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	medium	medium	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent
<input type="checkbox"/> *Spike: maximum width	narrow to medium	medium	medium
<input type="checkbox"/> *Spike: total length	medium	medium	medium
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	medium to many	medium	medium
<input type="checkbox"/> Spike: width of fertile bracts	broad	medium to broad	broad
<input checked="" type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only)	green	violet	violet
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present

<input type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	medium to long	medium	medium
<input checked="" type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only)	obovate	linear	oblong
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	83A	83B	N87B
<input type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> *Flower: colour of calyx	purplish	purplish	purplish
<input type="checkbox"/> Flower: pubescence of calyx	medium	medium	medium
<input type="checkbox"/> *Corolla: colour	violet	violet	violet
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	early	early

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'PurpleReign'	'Violet Lace'	'Winter Lace'
<input type="checkbox"/> Corolla: colour (RHS colour chart)	N92B	ca N92A	N92C
<input checked="" type="checkbox"/> Leaf: Length	long	long to very long	medium
<input checked="" type="checkbox"/> Leaf: Width	broad	medium	narrow
<input checked="" type="checkbox"/> Spike: Width of infertile bracts	broad	narrow to medium	medium
<input type="checkbox"/> Spike: main colour of infertile bracts	violet	violet	violet

Prior Applications and Sales:

Nil

First sold in Australia, 14 September 2018

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

Details of Application		
Application Number	2015/122	
Variety Name	'Seraph'	
Genus Species	<i>Medicago littoralis</i>	
Common Name	Strand Medic	
Accepted Date	10 Jun 2015	
Applicant	Minister for primary industries and regional development (Acting through the South Australian Research and Development Institute), Adelaide, SA.	
Qualified Person	David Peck	
Details of Comparative Trial		
Location	Waite Institute, Urrbrae, SA	
Descriptor	Medics <i>Medicago</i> UPOV TG/228/1	
Period	Winter-Spring 2015	
Conditions	Field trial: conducted on a red-brown earth with neutral pH; pre-germinated seedlings sown into Jiffy-7® peat pellets on 19 May 2015, transplanted to the field on 17 June 2015 into moist soil; single spaced plants at 30 cm spacing in rows 1.5 m apart; hand weeded and pesticide applied as required.	
Trial Design	Field trial: each treatment sown as 25 single spaced plants × four replicates arranged in a randomised complete block design.	
Measurements	Based on mean of observations of individual plants in each treatment: Days to flowering at first open flower; Number of florets per peduncle on youngest and second youngest flowering peduncle on strongest runner; Number of pods per peduncle on youngest and second youngest podded peduncle on strongest runner; A naturally occurring powdery mildew infection occurred in spring and plants recorded as with or without powdery mildew. Pods were picked at random and the following measurements made on 25 pods: pod length; pod width; seeds per pod	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: emasculated flowers of the strand medic cultivar Angel were crossed with pollen from PM-2 (<i>Medicago littoralis</i> ; a powdery mildew resistant selection out of a wild accession). 'Seraph' was a single F2 plant selected for tolerance to sulfonylurea (SU) herbicides residuess, high dry matter production and early flowering. 'Seraph' was then progeny tested and found to be homozygous for: powdery mildew resistance; tolerance of SU herbicide residue rates; and bluegreen aphid resistance. Breeder: Minister for primary industries and regional development (Acting through the South Australian Research and Development Institute), Adelaide, SA.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaflet	presence of marks	present on both sides
Leaflet	pubescence on upper side	present
Leaflet:	pubescence on lower side	present
Pod	shape	cylindrical
Plant	maturity	early

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Angel'		female parent			
'PM-2'		male parent (SU susceptible) included in the trial			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Jaguar'	Plant	SU tolerance	tolerant	susceptible	leaf mark and pod retention also different
'Herald'	Plant	SU tolerance	tolerant	susceptible	also differs in leaf mark
'Harbinger'	Plant	SU tolerance	tolerant	susceptible	

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

Organ/Plant Part: Context	'Seraph'	'Angel'	'PM-2'
<input type="checkbox"/> *Leaflet: presence of marks	present on both sides	present on both sides	present on both sides
<input checked="" type="checkbox"/> *Leaflet: type of marks on upper side	flecked	clear blotch	flecked
<input checked="" type="checkbox"/> *Leaflet: position of marks on upper side	over whole surface	central	over whole surface
<input type="checkbox"/> *Time of: flowering	early	early	early to medium
<input type="checkbox"/> *Leaflet: pubescence on upper side	present	present	present
<input type="checkbox"/> *Leaflet: pubescence on lower side	present	present	present
<input checked="" type="checkbox"/> Inflorescence: predominant number of florets	six or more	four	six or more
<input type="checkbox"/> *Pod: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Pod: compactness of whorls (excluding varieties with sickle-shaped pods)	compact	compact	compact
<input type="checkbox"/> Pod: direction of whorls	clockwise	clockwise	clockwise
<input type="checkbox"/> *Pod: texture of whorl edges (excluding varieties with sickle-shaped pods)	spined	spined	spined

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'Seraph'	'Angel'	'PM-2'
<input checked="" type="checkbox"/> Leaves: powdery mildew	resistant	susceptible	resistant
Statistical Table			
Organ/Plant Part: Context	'Seraph'	'Angel'	'PM-2'
<input checked="" type="checkbox"/> Flower: days first flower (days)			
Mean	73.92	65.10	79.00
Std. Deviation	1.13	0.22	1.28
LSD/sig	1.86	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Pod: weight (mg)			
Mean	52.00	43.25	56.32
Std. Deviation	1.58	0.68	1.94
LSD/sig	2.40	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed: weight (mg)			
Mean	3.00	2.43	3.09
Std. Deviation	0.08	0.05	0.03
LSD/sig	0.09	P≤0.01	ns
<input checked="" type="checkbox"/> Floret: number per peduncle (number)			
Mean	5.89	3.90	7.87
Std. Deviation	0.39	0.17	0.34
LSD/sig	0.50	P≤0.01	P≤0.01

Prior Applications and Sales:

Nil

Description: **David Peck**, South Australia Research and Development Institute, Adelaide, SA.

Details of Application		
Application Number	2019/054	
Variety Name	'Jupiter'	
Genus Species	<i>Trifolium subterraneum</i>	
Common Name	Subterranean Clover	
Synonym		
Accepted Date	15 May 2019	
Applicant	Pristine Forage Technologies Pty Ltd, Edwardstown, SA, 5039	
Agent		
Qualified Person	Andrew Lake	
Details of Comparative Trial		
Location	Penfield, SA	
Descriptor	TG/170/3	
Period	June 2019-Dec 2020	
Conditions	Trial sown into a moderately fertile, neutral red-brown earth at Penfield SA in early July 2019. Growing conditions fair to good, with some frosts in July-August but no plant damage noted. Conditions became dry to very dry in September-October, and the trial was irrigated to offset the water deficit. Temperature during spring was warm with no really hot days, and plants did not suffer from heat stress.	
Trial Design	Randomised complete block design with four replications. 10 plants per variety per replication.	
Measurements	Seedling vigour, plant vegetative morphology (various parameters), plant height, leaf markers, flowering date, burr burial.	
RHS Chart - edition		
Origin and Breeding		
Selection: 'Jupiter' is the result of 3 cycles of selection from a group of individual sub clover plants derived from very old field populations of sub clover grown near Currency Creek, SA. These fields have not been sown for over 50 years. Records suggest the populations derive from a mixture of 'Mt Barker' and 'Woogenellup' (cultivated) along with unknown local sub clover ecotypes. The populations have been subject to natural selection under grazing and climatic extremes (frost, frequent false breaks, diseases, etc) that are common in this area. Breeder: Pristine Forage Technologies Pty Ltd, Edwardstown, SA, 5039		
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	purplish black
Inflorescence	predominant number of florets	four
Leaflet	pattern of mark	a pair of arms and a crescent
Leaflet	position of anthocyanin flecks	predominantly on upper surface
Fruit	predominant number of seeds	four
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Woogenellup'	Closest to Jupiter in grouping characteristics and a likely	

	contributing parent in the original populations.
‘Mt Barker’	Different to Jupiter in grouping characteristics, but included in trial as a parent of the original breeding population.

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Dwalganup’	flower	flowering time	mid season	early to very early	Dwalganup also has very high formononetin levels (low in Jupiter)
‘Dalkeith’	flower	flowering time	mid season	early	
‘York’	flower	flowering time	mid season	early-mid-season	York also has a high level of hard seed (medium level in Jupiter)
‘Saturn’	leaflet	ratio maximum length/maximum width	medium to large	small to medium	
‘Saturn’	leaflet	width of arms (only for varieties with arms)	medium to broad	narrow	

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

Organ/Plant Part: Context	‘Jupiter’	‘Mt Barker’	‘Woogenellup’
<input checked="" type="checkbox"/> Leaf: hairiness of petiole	medium	medium	very weak to weak
<input type="checkbox"/> Leaf: attitude of petiole hairs	erect	erect	semi-erect
<input type="checkbox"/> Leaflet: ratio maximum length/maximum width	medium to large	small to medium	medium to large
<input type="checkbox"/> Leaflet: general shape	triangular to rounded	triangular to rounded	triangular to rounded
<input checked="" type="checkbox"/> Leaflet: intensity of green colour	medium to dark	medium to dark	light
<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
<input type="checkbox"/> Leaflet: width of arms (only for varieties with arms)	medium to broad	narrow to medium	narrow to medium

<input checked="" type="checkbox"/> Leaflet: clarity of arms (only for varieties with arms)	clear	clear	faint
<input type="checkbox"/> Leaflet: colour of arms (only for varieties with arms)	cream	light green	cream
<input type="checkbox"/> Leaflet: position of crescent (only for varieties with crescent)	central	central	central
<input type="checkbox"/> Leaflet: position of arms relative to crescent (only for varieties with both a crescent and arms)	arms adjacent only to crescent	arms adjacent only to crescent	arms adjacent only to crescent
<input checked="" type="checkbox"/> Leaflet: base of crescent (only for varieties with crescent)	Type C3	Type C2	Type C1
<input type="checkbox"/> Leaflet: colour of crescent (only for varieties with crescent)	light green	light green	cream
<input type="checkbox"/> Leaflet: indentation of distal margin	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/> Leaflet: degree of anthocyanin flecks	weak	strong	absent or very weak
<input type="checkbox"/> *Leaf: position of anthocyanin flecks	predominantly on upper surface	predominantly on upper surface	predominantly on upper surface
<input checked="" type="checkbox"/> Leaflet: degree of flush	strong	weak	absent or very weak
<input type="checkbox"/> Leaflet: colour of flush	reddish-purple	reddish-purple	
<input type="checkbox"/> Leaflet: predominant location of flush	along midrib and around leaf mark	along midrib only	
<input type="checkbox"/> Leaflet: degree of hairiness of upper surface	very weak to weak	weak to medium	weak to medium
<input type="checkbox"/> Leaflet: attitude of hairs of upper surface	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: level of formononetin before start of flowering	very low to low	low	low to medium
<input type="checkbox"/> Leaf: level of genistein before start of flowering	medium	low	high
<input type="checkbox"/> Leaf: level of biochanin A before the start of flowering	medium	high to very high	medium
<input type="checkbox"/> Stipules: degree of anthocyanin colouration	medium to strong	medium to strong	medium
<input checked="" type="checkbox"/> *Time of: start of flowering	early	medium to late	early to medium
<input type="checkbox"/> Inflorescence: predominant number of florets	four	four	four
<input checked="" type="checkbox"/> *Calyx tube: hue	present	present	absent
<input type="checkbox"/> *Calyx tube: colour of hue	pinkish red	purplish red	light green
<input type="checkbox"/> *Calyx tube: distribution of colouration	on upper quarter of tube	on upper half of tube	on whole of tube
<input checked="" type="checkbox"/> Peduncle: degree of hairiness	strong	strong to very strong	weak to medium
<input checked="" type="checkbox"/> *Stem (runner): degree of hairiness	medium to strong	strong	absent or very weak

<input type="checkbox"/> Stem (runner): attitude of hairs	erect	erect	
<input type="checkbox"/> Burr: degree of burial	strong	weak to medium	weak
<input type="checkbox"/> Fruit: predominant number of seeds	four	four	four
<input type="checkbox"/> *Seed: colour	purplish black	purplish black	purplish black

Statistical Table			
Organ/Plant Part: Context	'Jupiter'	'Mt Barker'	'Woogenellup'
<input checked="" type="checkbox"/> Flower: First flower (days after germination)			
Mean	110.70	120.90	115.70
Std. Deviation	0.63	1.45	1.36
LSD/sig	2.32	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Runner: Length of longest in mid Oct (cm)			
Mean	30.25	37.00	34.25
Std. Deviation	2.55	2.16	2.75
LSD/sig	4.12	P≤0.01	ns
<input checked="" type="checkbox"/> Runner: Branching (number of secondary branches)			
Mean	1.88	5.13	1.31
Std. Deviation	0.31	0.60	0.24
LSD/sig	1.23	P≤0.01	ns
<input checked="" type="checkbox"/> Seedling: Emergence rate (number emerged/12 at day 6)			
Mean	7.38	4.75	2.25
Std. Deviation	1.13	1.89	0.50
LSD/sig	2.05	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Lake**, Edwardstown SA 5039

Details of Application		
Application Number	2019/053	
Variety Name	'Saturn'	
Genus Species	<i>Trifolium subterraneum</i>	
Common Name	Subterranean Clover	
Synonym		
Accepted Date	15 May 2019	
Applicant	Pristine Forage Technologies Pty Ltd, Edwardstown, SA, 5039, Australia	
Agent		
Qualified Person	Andrew Lake	
Details of Comparative Trial		
Location	Penfield, SA	
Descriptor	Sub clover	
Period	June 2019 - Dec 2020	
Conditions	Trial sown into a moderately fertile, neutral red-brown earth at Penfield SA in early July 2019. Growing conditions fair to good, with some frosts in July-August but no plant damage noted. Conditions became dry to very dry in September-October, and the trial was irrigated to offset the water deficit. Temperature during spring was warm with no really hot days, and plants did not suffer from heat stress.	
Trial Design	Randomised complete block design with four reps. 10 plants per variety per rep.	
Measurements	Seedling vigour, plant vegetative morphology (various parameters), plant height, leaf markers, flowering date, burr burial.	
RHS Chart - edition		
Origin and Breeding		
Selection: 'Saturn' is the result of 3 cycles of selection from a group of individual sub clover plants derived from very old field populations of sub clover grown near Currency Creek, SA. These fields have not been sown for over 50 years. Records suggest the populations derive from a mixture of 'Mt Barker' and 'Woogenellup' (cultivated) along with unknown local sub clover ecotypes. The populations have been subject to natural selection under grazing and climatic extremes (frost, frequent false breaks, diseases, etc) that are common in this area. Breeder: Pristine Forage Technologies Pty Ltd, Edwardstown, SA, 5039, 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
Calyx tube:	presence of hue	present
Leaflet	pattern of mark	a pair of arms and a crescent
Leaflet	position of anthocyanin flecks	predominantly on upper surface
Seed	colour	purplish black
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Mt Barker'	Parent of breeding population. Similar in most grouping characteristics to Saturn, but possibly slightly earlier.	
'Woogenellup'	Different in grouping characteristics to Saturn, but	

	included in trial as it was a parent of the breeding population.				
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Denmark'	flower	calyx tube pigmentation	present	absent	very strong in Saturn, nothing in Denmark
'Goulburn'	leaf	flecking	present	absent	prominent flecking in Saturn, rare to absent in Goulburn. Also only pale calyx tube pigmentation
'Karridale'	flower	calyx tube pigmentation	present	absent	very prominent in Saturn, nothing in Karridale
'Bacchus Marsh'	flower	calyx tube pigmentation	present	absent	also slightly too early compared to Saturn

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

Organ/Plant Part: Context	'Saturn'	'Mt Barker'	'Woogenellup'
<input checked="" type="checkbox"/> Leaf: hairiness of petiole	medium to strong	medium	very weak to weak
<input type="checkbox"/> Leaf: attitude of petiole hairs	erect	erect	semi-erect
<input type="checkbox"/> Leaflet: ratio maximum length/maximum width	small to medium	small to medium	medium to large
<input type="checkbox"/> Leaflet: general shape	triangular to rounded	triangular to rounded	triangular to rounded
<input checked="" type="checkbox"/> Leaflet: intensity of green colour	medium to dark	medium to dark	light
<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
<input type="checkbox"/> Leaflet: width of arms (only for varieties with arms)	narrow	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> Leaflet: clarity of arms (only for varieties with arms)	faint	clear	faint
<input type="checkbox"/> Leaflet: colour of arms (only for varieties with arms)	light green	light green	cream
<input type="checkbox"/> Leaflet: position of crescent (only for varieties with crescent)	central	central	central
<input type="checkbox"/> Leaflet: position of arms relative to crescent (only for varieties with both a crescent and arms)	arms adjacent only to crescent	arms adjacent only to crescent	arms adjacent only to crescent
<input type="checkbox"/> Leaflet: base of crescent (only for varieties with crescent)	type C2	type C2	type C1
<input type="checkbox"/> Leaflet: colour of crescent	light green	light green	cream

(only for varieties with crescent)			
<input type="checkbox"/> Leaflet: indentation of distal margin	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/> Leaflet: degree of anthocyanin flecks	medium to strong	strong	absent or very weak
<input type="checkbox"/> *Leaf: position of anthocyanin flecks	predominantly on upper surface	predominantly on upper surface	predominantly on upper surface
<input checked="" type="checkbox"/> Leaflet: degree of flush	weak	weak	absent or very weak
<input type="checkbox"/> Leaflet: colour of flush	reddish-purple	reddish-purple	
<input type="checkbox"/> Leaflet: predominant location of flush	along midrib only	along midrib only	
<input checked="" type="checkbox"/> Leaflet: degree of hairiness of upper surface	absent or very weak	weak to medium	weak to medium
<input type="checkbox"/> Leaf: level of formononetin before start of flowering	very low to low	low	low to medium
<input type="checkbox"/> Leaf: level of genistein before start of flowering	very low to low	low	high
<input type="checkbox"/> Leaf: level of biochanin A before the start of flowering	medium to high	high to very high	medium
<input type="checkbox"/> Stipules: degree of anthocyanin colouration	medium to strong	medium to strong	medium
<input checked="" type="checkbox"/> *Time of: start of flowering	late	medium to late	medium
<input type="checkbox"/> Inflorescence: predominant number of florets	four	four	four
<input checked="" type="checkbox"/> *Calyx tube: hue	present	present	absent
<input type="checkbox"/> *Calyx tube: colour of hue	purplish red	purplish red	
<input type="checkbox"/> *Calyx tube: distribution of colouration	on upper half of tube	on upper half of tube	
<input checked="" type="checkbox"/> Peduncle: degree of hairiness	medium	strong to very strong	weak to medium
<input checked="" type="checkbox"/> *Stem (runner): degree of hairiness	medium to strong	strong	absent or very weak
<input type="checkbox"/> Stem (runner): attitude of hairs	erect	erect	
<input checked="" type="checkbox"/> Burr: degree of burial	strong	weak to medium	weak
<input type="checkbox"/> Fruit: predominant number of seeds	four	four	four
<input type="checkbox"/> *Seed: colour	purplish black	purplish black	purplish black

Statistical Table

Organ/Plant Part: Context	'Saturn'	'Mt Barker'	'Woogenellup'
<input checked="" type="checkbox"/> Flower: first flower (days after germination)			
Mean	125.30	120.90	115.70
Std. Deviation	1.61	1.45	1.36

Lsd/sig	2.32	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Runner: length of longest in mid Oct (cm)			
Mean	31.25	37.00	34.25
Std. Deviation	1.59	2.16	2.75
Lsd/sig	4.12	P≤0.01	ns
<input type="checkbox"/> Runner: number of secondary branches			
Mean	7.19	5.13	1.31
Std. Deviation	1.03	0.60	0.24
Lsd/sig	1.23	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: height in October (cm)			
Mean	7.33	10.79	9.63
Std. Deviation	0.92	1.03	1.38
Lsd/sig	1.68	P≤0.01	P≤0.01

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Lake**, Edwardstown SA 5039

Details of Application		
Application Number	2017/024	
Variety Name	'Rusty'	
Genus Species	<i>Citrus sinensis</i>	
Common Name	Sweet Orange	
Accepted Date	14 Mar 2017	
Applicant	Russell Anderson, Boundary Bend, VIC	
Agent	N/A	
Qualified Person	Susan Chislett	
Details of Comparative Trial		
Location	Boundary Bend, VIC	
Descriptor	Orange (<i>Citrus</i>) TG/202/1Rev. 2	
Period	2015-2021	
Conditions	The candidate variety and four comparator varieties were top worked onto Navelina trees on Carrizo Citrange rootstock in a commercial orchard at Boundary Bend, Victoria. Plant measurements commenced during flowering in September 2019 and were completed at harvest in May 2021. All trees were managed with the same irrigation, fertigation, pest and disease control as the commercial trees on the same property.	
Trial Design	A trial was established by top working the candidate and comparators onto two rows of Navelina trees in a random pattern. Five trees of each variety were established.	
Measurements	Flowers, leaves, spines, fruit, juice, maturity measurements were taken at flowering and when the fruit was close to maturity. The Australian Citrus Quality Standards were measured using the formula $(\text{Brix} - (\text{acid} \times 4)) \times 16.5$	
RHS Chart - edition	2015	
Origin and Breeding		
Induced mutation: The candidate variety was first observed in May 2015 as a limb sport of a 'Fukumoto' tree in a commercial orchard of Fukumoto trees at Boundary Bend, North West, VIC. Fruit on the limb sport displayed earlier maturity characteristics than the mother limb. Branches of the limb sport were also void of thorns compared to Fukumoto in Australia that is renowned for being highly thorn. Breeder: Russell Anderson, Boundary Bend, 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
Fruit	shape	slightly rounded
Tree	growth habit	spreading
Fruit	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'M7 Navel'	matures earlier than 'Rusty'
'Washington Navel'	matures later than 'Rusty'
'Atwood Navel'	matures later than 'Rusty'
'Fukumoto Navel'	matures later than 'Rusty'

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Navelina'	Fruit	shape	round	elongated	Excluded as no longer a commercially accepted variety due to poor eating quality and shape

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

Organ/Plant Part: Context	'Rusty'	'Atwood Navel'	'Fukumoto Navel'	'M7 Navel'	'Washington Navel'
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	spreading	spreading	spreading	spreading	spreading
<input checked="" type="checkbox"/> Tree: density of spines	absent or sparse	absent or sparse	dense	absent or sparse	absent or sparse
<input checked="" type="checkbox"/> Tree: length of spines	very short	very short	long to very long	very short	very short
<input type="checkbox"/> Leaf blade: length	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: width	medium	medium	medium	medium to broad	medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: shape in cross section	straight or weakly concave				
<input type="checkbox"/> Leaf blade: twisting	absent or weak				

<input type="checkbox"/> Leaf blade: blistering	absent or weak				
<input type="checkbox"/> Leaf blade: green colour	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak				
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	crenate	crenate	crenate	crenate
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf blade: emargination at tip	absent	absent	absent	absent	absent
<input type="checkbox"/> Petiole: length	medium	medium	medium	medium	medium
<input type="checkbox"/> Petiole: presence of wings	absent	absent	absent	present	absent
<input type="checkbox"/> Flower: length of petal	medium	medium	medium	medium	medium
<input type="checkbox"/> Flower: width of petal	medium	medium	medium	medium	medium
<input type="checkbox"/> Flower: ratio length/width of petal	medium	medium	medium	medium	medium
<input type="checkbox"/> Flower: length of stamens	medium	medium	medium	medium	medium
<input type="checkbox"/> Anther: colour	light yellow				
<input type="checkbox"/> Anther: viable pollen	absent	absent	absent	absent	absent
<input type="checkbox"/> Style: length	medium	medium	medium	medium	medium
<input type="checkbox"/> Style: shape	straight	straight	straight	straight	straight
<input type="checkbox"/> *Fruit: length	medium	medium	medium	medium	medium
<input type="checkbox"/> *Fruit: diameter	medium	medium	medium	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium to large	medium	medium	medium to large	medium to large
<input type="checkbox"/> *Fruit: position of broadest part	at middle				
<input type="checkbox"/> Fruit: general shape of proximal part	slightly rounded				
<input type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only)	present	present	present	present	present
<input checked="" type="checkbox"/> Fruit: depth of depression at stalk end (varieties without fruit neck only)	shallow	very shallow	shallow	shallow	very shallow

<input type="checkbox"/> Fruit: number of radial grooves at stalk end	intermediate	absent or few	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/> Fruit: length of radial grooves at stalk end	short to medium	very short to short	short to medium	short to medium	short to medium
<input type="checkbox"/> Fruit: presence of collar	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: general shape of distal part	flattened	slightly rounded	flattened	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at distal end	absent	absent	absent	absent	absent
<input type="checkbox"/> *Fruit: presence of areola	complete	complete	complete	complete	complete
<input type="checkbox"/> Fruit: presence of navel opening	always present				
<input type="checkbox"/> Fruit: diameter of navel opening	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: bulging of navel	absent or weak				
<input type="checkbox"/> Fruit: presence of radial grooves at distal end	absent	absent	absent	present	present
<input type="checkbox"/> Fruit: colour variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> *Fruit surface: predominant colour(s)	medium orange				
<input type="checkbox"/> Fruit surface: roughness	smooth to medium				
<input type="checkbox"/> Fruit surface: size of oil glands	all more or less the same size				
<input type="checkbox"/> Fruit surface: size of larger oil glands	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit surface: conspicuousness of larger oil glands	very weak				
<input type="checkbox"/> Fruit surface: presence of pitting and pebbling on oil glands	pitting and pebbling absent				
<input type="checkbox"/> *Fruit rind: thickness	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit rind: strength	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: colour of albedo	light yellow				

<input type="checkbox"/> Fruit: differently coloured specks in flesh	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: bicoloured segments	absent	absent	absent	absent	absent
<input type="checkbox"/> *Fruit: main colour of flesh	medium orange				
<input type="checkbox"/> Fruit: bitterness of flesh	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: filling of core	medium to dense				
<input type="checkbox"/> Fruit: diameter of core	small to medium				
<input type="checkbox"/> Fruit: presence of rudimentary segments	intermediate	intermediate	intermediate	intermediate	intermediate
<input type="checkbox"/> Fruit: number of well developed segments	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: coherence of adjacent segment walls	weak	weak	weak	weak	weak
<input type="checkbox"/> Fruit: strength of segment walls	weak to medium				
<input type="checkbox"/> Fruit: length of juice vesicles	long	long	long	long	long
<input type="checkbox"/> Fruit: thickness of juice vesicles	very thin to thin				
<input type="checkbox"/> Fruit: conspicuousness of juice vesicle walls	low to medium				
<input type="checkbox"/> Fruit: coherence of juice vesicles	weak to medium				
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	always present				
<input type="checkbox"/> Fruit: size of navel (viewed internally)	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: juiciness	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit juice: total soluble solids	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit juice: acidity	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: strength of fibre	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: number of seeds (open	absent or very few				

pollination)					
<input checked="" type="checkbox"/> *Time of: maturity of fruit for consumption	early	medium	medium	very early	medium
<input type="checkbox"/> *Fruit: parthenocarpy	present	present	present	present	present
<input type="checkbox"/> Plant: self- incompatibility	absent	absent	absent	absent	absent

Prior Applications and Sales:

Nil

Description: **Susan Chislett**, Chislett Farm Pty Ltd, Kenley, VIC.

Details of Application		
Application Number	2019/166	
Variety Name	'Dream Weaver'	
Genus Species	<i>Armeria pseudarmeria</i>	
Common Name	Thrift	
Accepted Date	16 Sep 2019	
Applicant	Plant Growers Australia, Wonga Park, VIC	
Agent	Plants Management Australia Pty. Ltd. Dodges Ferry, TAS, 7173, Australia	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	PBR ARME - Armeria (Armeria)	
Period	January 2020 to October 2020	
Conditions	Trial conducted in the open, plants propagated from cuttings during January 2020, transferred from tubes to 140mm pots in May 2020. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth Edition	
Origin and Breeding		
<p>Cross pollination: Cross pollination occurred with the maternal parent 'Sweet Dreams' and paternal parent 'IB 010-3'. As part of an ongoing Armeria breeding program with the focus of bringing more upright short flowering stems and globular medium sized inflorescence. In 2012 the maternal parent, which exhibited pale pink/mauve flowers on short peduncles was crossed with paternal parent IB 010-3 having purple flowers and medium peduncles. From these cross seedlings were raised in February 2013 and raised to flowering maturity in October. Several selections were made on the basis of flower colour, peduncle length and inflorescence size and further grown for another year. One, the candidate, was selected for further growing trials due to its globular medium inflorescence size, purple flower colour and short upright peduncles. Final selection for commercialisation occurred in 2015. All subsequent generations have remained uniform and stable. Breeders: Steve Eggleton and Howard Bentley, Plant Growers Australia, Wonga Park, VIC.</p>		
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	intensity of grey colour of foliage	very weak
Leaf	presence of variegation	absent
Inflorescence	shape	globular
Petal	predominate colour of upper side white	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sweet Dreams'		
'Daydream'		
'Dreamland'		
'Bees Ruby'		

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Dream Clouds'	Petal	Predominate colour of upper side white	absent	present	
'Ballerina White'	Petal	Predominate colour of upper side white	absent	present	

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

Organ/Plant Part: Context	'Dream Weaver'	'Bees Ruby'	'Daydream'	'Dreamland'	'Sweet Dreams'
<input type="checkbox"/> Plant: density	medium	dense to medium	medium	medium	dense to medium
<input checked="" type="checkbox"/> Leaf: shape	linear	linear	oblanceolate	linear	oblanceolate
<input type="checkbox"/> Leaf: shape of cross-section	medium concave	medium concave	medium concave	medium concave	medium concave
<input type="checkbox"/> Leaf: intensity of grey colour of foliage	very weak	very weak	very weak	very weak	very weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: colour (RHS colour chart)	N137C	N137D	N137C	N137D	137B
<input type="checkbox"/> Inflorescences: diameter	medium	medium to large	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescences: anthocyanin colouration of bract	weak to medium	weak to medium	weak to medium	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> Inflorescences: height	short to medium	long	medium	medium	medium
<input type="checkbox"/> Inflorescences: shape	globular	globular	globular	globular	globular
<input type="checkbox"/> Peduncle: habit	erect	erect	erect	erect	erect to semi-erect
<input type="checkbox"/> Peduncle: rigidity	strong	medium to strong	strong	strong to very strong	strong
<input checked="" type="checkbox"/> Peduncle: degree of hairiness	absent or very low	medium to high	absent or very low	absent or very low	medium to high
<input type="checkbox"/> Petal: shape of apex	obtuse	obtuse	truncate	obtuse	obtuse
<input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart)	Ca 64B	64C	73B	Ca 58C	75C
<input checked="" type="checkbox"/> Petal: colour change towards central zone	present	present	present	present	absent
<input type="checkbox"/> Petal: colour of central zone (RHS colour chart)	NN155B+C	Ca NN155C	Ca NN155C	Ca NN155C	absent

<input checked="" type="checkbox"/> Bract: length	long	medium to long	medium to long	medium to long	medium
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Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context	‘Dream Weaver’	‘Bees Ruby’	‘Daydream’	‘Dreamland’	‘Sweet Dreams’
<input checked="" type="checkbox"/> Leaf: Length	short to medium	medium to long	medium	medium	medium to long
<input checked="" type="checkbox"/> Leaf: Width	medium to broad	narrow to medium	medium	narrow to medium	medium
<input checked="" type="checkbox"/> Inflorescences: volume (number of spikes)	low to medium	high	high	low to medium	high
<input type="checkbox"/> Petal: predominant colour of upper side white	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Flowering: time	medium to late	early to medium	early to medium	early to medium	early to medium

Prior Applications and Sales:

Nil

First sold in United States, 23 April 2018

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

Details of Application	
Application Number	2019/282
Variety Name	'12A-004'
Genus Species	<i>Mucuna pruriens</i>
Common Name	Velvet bean
Accepted Date	20 Jan 2020
Applicant	Paragon Seeds Australia, Mareeba, QLD
Qualified Person	Dr Donald S. Loch
Details of Comparative Trial	
Location	Wellington Point, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 12 masl)
Descriptor	PBR MUC Velvet Bean (<i>Mucuna pruriens</i>)
Period	11 Jan – 26 Aug 2020
Conditions	Seed sown dry into well-prepared seedbeds on a red volcanic (krasnozem or ferrosol) soil on 5 Jan 2020 followed by germinating rainfall on 11 Jan 2020; weed control by pre-emergence pendimethalin (Stomp® Xtra @ 3.3L/ha) post-planting on 6 Jan 2020; 313 kg/ha of blended fertiliser (CK 55 (S) - N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 6 Jan 2020 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; soil drench of azoxystrobin (Amistar® 250 SC) applied to seedlings on 22 Jan 2020; watered with a slurry of Siratro Group M inoculant (CB756) on 25 Jan 2020 after seedling emergence; supplementary trickle irrigation applied as required to maintain unstressed growth. Sprayed with azoxystrobin (Amistar® 250 SC) on 7 May 2020 in response to suspected fungal leaf disease (<i>Alternaria</i> and <i>Cladosporium</i> species isolated from blotch-like symptoms on leaves by QDAF GrowHelp).
Trial Design	Thirty two plants of each of '12A-004' and its female parent genotype (P1), plus a second generation of '12A-004', were arranged in 8 randomised blocks (24 plots) with 4 plants per plot in a single row along trickle irrigation lines; 0.25 m between plants in each plot and 1.0 m between plots in each row; 3.0 m between rows on trickle irrigation lines.
Measurements	Days to flowering determined progressively for each plot (18 Mar - 8 Apr 2020). Measurements of sward height (one per plot) made on 9 May 2020 (119 days after first germinating rains). Measurements (10 per plot) made on fully expanded leaves from node ±8 on well-developed lateral branches (all cultivar treatments – 5-6 Mar 2020) and on pods (all cultivar treatments – 3 Jun – 28 Jul 2020). Samples of ripe pods (one sample per plot) collected progressively during Jul-Aug 2020 to determine seed size after hand-threshing, removal of inert material and drying sub-samples of 50 seeds per plot at 35°C. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2007
Origin and Breeding	
Controlled pollination: plants of the maternal parent (designated P1) and the pollen parent (designated P2) grown by the breeder were crossed in late 2015. Six of the 39 pollen transfers from P2 to emasculated flowers of P1 were successful and produced 22 seeds in all. These F1 progeny	

were planted for evaluation in January 2016, leading to the selection of two healthy plants (designated plants A and B) with larger leaves that were allowed to self-pollinate and produce seed. F2 seeds were planted for evaluation in January 2017, from which plant 12A was selected based on its larger leaves and healthy vigorous growth. No further visible morphological or agronomic variation was observed in two subsequent cycles of seed increase (planted February 2018 and February 2019), leading to the release of '12A-004'. Breeder: Justin K. Loccisano, Paragon Seeds Australia, Mareeba QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit (vertical)	prostrate
Plant	growth habit (lateral)	very strongly spreading
Plant	growth type	indeterminate
Seed	primary colour of testa	yellowish white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'P1'	female parent of '12A-004'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics Organ/Plant Part Context	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Georgia Bush'	Plant growth type	indeterminate	determinate	

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

Organ/Plant Part: Context	'12A-004'	'P1'
<input type="checkbox"/> Seedling: anthocyanin colouration of epicotyl	absent	absent
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Plant: vigour	very strong	strong to very strong
<input type="checkbox"/> Plant: growth habit (vertical)	prostrate	prostrate
<input type="checkbox"/> Plant: growth habit (lateral)	very strongly spreading	very strongly spreading
<input type="checkbox"/> Plant: vining tendency (twining)	present	present
<input type="checkbox"/> Plant: degree of twining (where present)	very strong	very strong
<input type="checkbox"/> Stem: degree of hairiness	absent or very weak	absent or very weak
<input type="checkbox"/> Stem: anthocyanin colouration	present	present
<input type="checkbox"/> Stem: distribution of anthocyanin colouration (only for varieties with stem anthocyanin colouration present)	nodes and internodes	nodes and internodes
<input type="checkbox"/> Stem: degree of lateral branching	strong	strong
<input type="checkbox"/> Leaf: texture	fine (thin)	fine (thin)

<input type="checkbox"/> Leaf: mature leaf colour (RHS)	137B	137B
<input type="checkbox"/> Leaf: shape of blade on terminal leaflet	ovate	ovate to rhomboid
<input type="checkbox"/> Leaf: shape of terminal leaflet apex	bluntly acuminate	bluntly acuminate
<input type="checkbox"/> Leaf: glossiness	weak	weak
<input type="checkbox"/> Leaf: anthocyanin colouration of petioles	absent	absent
<input type="checkbox"/> Leaf: degree of hairiness of petiole	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: degree of hairiness	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: anthocyanin colouration of veins	absent	absent
<input type="checkbox"/> Terminal leaflet: degree of hairiness of secondary petiole	absent or very weak	absent or very weak
<input type="checkbox"/> Terminal leaflet: anthocyanin colouration of secondary petiole	absent	absent
<input type="checkbox"/> Inflorescence: position relative to canopy	below	below
<input type="checkbox"/> Inflorescence: peduncle length	very short to short	very short to short
<input type="checkbox"/> Standard petal: colour (freshly open flower) (RHS)	148D (with purple overlay to N87A-B)	148D
<input type="checkbox"/> Wings: colour (freshly open flower) (RHS)	79A-B	N79B
<input type="checkbox"/> Keel: colour (freshly open flower) (RHS)	157D	91D
<input type="checkbox"/> Pod: attitude	pendulous	pendulous
<input checked="" type="checkbox"/> Pod: degree of curvature	strongly curved	slightly curved
<input type="checkbox"/> Pod: prominence of beak	weak (short)	absent or very weak
<input type="checkbox"/> Pod: pubescence	present	present
<input checked="" type="checkbox"/> Pod: density of pubescence (where present)	weak	strong
<input checked="" type="checkbox"/> Pod: colour of surface hairs on immature pods	light brown	black
<input checked="" type="checkbox"/> Pod: colour of surface hairs on mature pods	light brown	black
<input type="checkbox"/> Pod: anthocyanin colouration	absent	absent
<input type="checkbox"/> Pod: base colour of immature pod (excluding hairs) (RHS)	137B	139B-141B
<input type="checkbox"/> Pod: base colour of mature pod (excluding hairs) (RHS)	200D	203D
<input type="checkbox"/> Pod: constrictions	medium (slightly constricted)	medium (slightly constricted)
<input type="checkbox"/> Pod: thickness of walls	thick	thick
<input checked="" type="checkbox"/> Pod: predominant number of seeds in well-developed pods	5-7	4-6
<input type="checkbox"/> Pod: shattering	absent	absent
<input checked="" type="checkbox"/> Seed: size	large	small
<input type="checkbox"/> Seed: shape (in vertical view)	oblong-ellipsoid	oblong-ellipsoid
<input checked="" type="checkbox"/> Seed: shape (in lateral view)	flattened	rounded
<input type="checkbox"/> Seed: primary colour of testa (RHS)	N155C	N155C
<input type="checkbox"/> Seed: mottling of testa	present	present

<input type="checkbox"/> Seed: secondary colour of testa (if mottling present) (RHS)	200A to 199C-D	200B
<input type="checkbox"/> Seed: hilum colour (RHS)	N155B-C	N155B

Statistical Table

Organ/Plant Part: Context	'12A-004'	'P1'
<input checked="" type="checkbox"/> Plant: sward height 119 days after sowing (cm)		
Mean	74.88	59.00
Std. Deviation	7.32	7.87
LSD/sig	11.05	P≤0.01
<input type="checkbox"/> Plant: days from sowing to flowering		
Mean	85.75	68.25
Std. Deviation	1.83	1.28
LSD/sig	2.44	P≤0.01
<input type="checkbox"/> Trifoliolate leaf: primary petiole length (mm)		
Mean	282.69	287.28
Std. Deviation	46.89	54.67
LSD/sig	48.56	ns
<input checked="" type="checkbox"/> Trifoliolate leaf: length of petiole subtending terminal leaflet (mm)		
Mean	46.88	40.97
Std. Deviation	4.88	5.65
LSD/sig	4.43	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length of terminal leaflet (mm)		
Mean	173.63	158.50
Std. Deviation	6.96	11.08
LSD/sig	8.14	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: width of terminal leaflet (mm)		
Mean	111.59	94.00
Std. Deviation	5.42	6.39
LSD/sig	6.65	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of terminal leaflet		
Mean	1.56	1.69
Std. Deviation	0.06	0.08
LSD/sig	0.05	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length of lateral leaflet (mm)		
Mean	172.84	156.44
Std. Deviation	10.98	11.62
LSD/sig	10.62	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: width of lateral leaflet (mm)		
Mean	107.38	93.25

Std. Deviation	7.91	8.76
LSD/sig	8.17	P \leq 0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of lateral leaflet		
Mean	1.61	1.68
Std. Deviation	0.07	0.08
LSD/sig	0.06	P \leq 0.01
<input checked="" type="checkbox"/> Pod: length (mm)		
Mean	148.22	77.20
Std. Deviation	4.79	4.02
LSD/sig	3.98	P \leq 0.01
<input type="checkbox"/> Pod: width (mm)		
Mean	13.65	13.26
Std. Deviation	0.74	0.62
LSD/sig	0.81	ns
<input type="checkbox"/> Pod: depth (mm)		
Mean	19.29	17.46
Std. Deviation	0.90	0.64
LSD/sig	0.81	P \leq 0.01
<input checked="" type="checkbox"/> Pod length: depth ratio		
Mean	7.70	4.43
Std. Deviation	0.32	0.30
LSD/sig	0.31	P \leq 0.01
<input checked="" type="checkbox"/> Pod width: depth ratio		
Mean	0.71	0.76
Std. Deviation	0.03	0.03
LSD/sig	0.03	P \leq 0.01
<input checked="" type="checkbox"/> Pod: mean number of seeds per pod		
Mean	6.08	4.94
Std. Deviation	0.49	0.59
LSD/sig	0.39	P \leq 0.01
<input checked="" type="checkbox"/> Seed: 1000-seed weight (g)		
Mean	1640.88	1042.38
Std. Deviation	48.66	54.70
LSD/sig	76.95	P \leq 0.01

Prior Applications and Sales:

Nil

Description: **D.S. Loch**, Alexandra Hills, QLD.

Details of Application		
Application Number	2019/165	
Variety Name	'AYAMI'	
Genus Species	<i>Citrullus lanatus</i>	
Common Name	Watermelon	
Accepted Date	04 Sep 2020	
Applicant	Nunhems B.V., Nunhem, Netherlands	
Agent	Shelston IP; Level 9, NSW, 2000	
Qualified Person	John Oates	
Details of Comparative Trial		
Location	Bowen Qld	
Descriptor	TG/142/5 Rev.	
Period	June - October 2020	
Conditions	Field grown, commercial conditions using white plastic mulch. Sandy loam soil, underground drip irrigation as required.	
Trial Design	Commercial linear plots	
Measurements	As per UPOV technical guidelines.	
RHS Chart - edition	6th Edition 2015	
Origin and Breeding		
Controlled pollination: Selected watermelon lines having complementary characteristics were crossed and selfed, and lines were selected over the different cycles for very small fruit, agronomic value as uniformity and yield, high internal quality (deep red flesh, high brix) and very small seeds. After selecting the initial material for creating the parental lines, several inbreeding steps were performed to make a homozygous and fixed elite parental line. The male parent was selfed to F11 and the female parent selfed to F7 to obtain the fixed elite parental line, which was then crossed to obtain the F1 hybrid. Breeder: Elena Chiapparino, Nunhems 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	circular
Fruit	main colour of flesh	pinkish red
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Ocelot'		

Variety Description and Distinctness - Characteristics which distinguish the candidate from one

or more of the comparators are marked with X.

Organ/Plant Part: Context	'AYAMI'	'Ayami' Gen 2	'Ocelot'
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid
<input checked="" type="checkbox"/> Cotyledon: size	small	small	large
<input type="checkbox"/> Cotyledon: shape	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> Cotyledon: intensity of green colour	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: size	small	small	large
<input type="checkbox"/> Leaf blade: ratio length/width	high	high	high
<input type="checkbox"/> Leaf blade: colour	yellowish green	yellowish green	green
<input type="checkbox"/> Leaf blade: degree of lobing	strong	strong	strong
<input checked="" type="checkbox"/> Leaf blade: blistering	medium	medium	strong
<input type="checkbox"/> Leaf blade: colour of veins	green	green	green
<input checked="" type="checkbox"/> Fruit: weight	very low to low	very low to low	low to medium
<input type="checkbox"/> Fruit: shape in longitudinal section	circular	circular	circular
<input type="checkbox"/> Fruit: depression at base	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> Fruit: shape of apical part	rounded	rounded	rounded
<input type="checkbox"/> Fruit: depression at apex	absent or very shallow	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/> Fruit: ground colour of skin	medium green	medium green	very light green to light green
<input type="checkbox"/> Fruit: conspicuousness of veining	inconspicuous or very weakly conspicuous	inconspicuous or very weakly conspicuous	weak
<input checked="" type="checkbox"/> Fruit: pattern of stripes	only one coloured	only one coloured	one coloured and marbled
<input checked="" type="checkbox"/> Fruit: width of stripes	very broad	very broad	narrow
<input checked="" type="checkbox"/> Fruit: main colour of stripes	very dark green	very dark green	medium green
<input type="checkbox"/> Fruit: conspicuousness of stripes	very strong	very strong	strong
<input checked="" type="checkbox"/> Fruit: margin of stripes	diffuse	diffuse	sharp
<input type="checkbox"/> Fruit: size of insertion of peduncle	small	small	small
<input type="checkbox"/> Fruit: size of pistil scar	small	small	small
<input type="checkbox"/> Fruit: grooving	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Fruit: waxy layer	medium	medium	absent or very weak
<input checked="" type="checkbox"/> Fruit: thickness of pericarp	thin	thin	medium
<input type="checkbox"/> Fruit: main colour of flesh	pinkish red	pinkish red	pinkish red
<input type="checkbox"/> Fruit (Only diploid and tetraploid varieties): number of seeds	medium	medium	medium
<input type="checkbox"/> Seed (Only diploid and tetraploid varieties): length	short	short	medium
<input type="checkbox"/> Seed (Only diploid and tetraploid	medium	medium	medium

varieties): ratio length/width			
<input type="checkbox"/> Seed(Only diploid and tetraploid varieties): ground color of testa	cream	cream	cream
<input checked="" type="checkbox"/> Seed (Only diploid and tetraploid varieties): over colour of testa	present	present	absent
<input checked="" type="checkbox"/> Seed (Only diploid and tetraploid varieties): area of over color in relation to that of ground colour	very large	very large	very small
<input checked="" type="checkbox"/> Seed (Only diploid and tetraploid varieties): patches at hilum	absent or very weak	absent or very weak	medium

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'AYAMI'	'Ayami' Gen 2	'Ocelot'
<input checked="" type="checkbox"/> Plant: senescence	early	early	late

Statistical Table			
Organ/Plant Part: Context	'AYAMI'	'Ayami' Gen 2	'Ocelot'
<input type="checkbox"/> Fruit: length/width ratio			
Mean	1.10	1.10	1.09
Std. Deviation	0.04	0.08	0.12
LSD/sig	0.009	ns	ns
<input type="checkbox"/> Seed: length (mm)			
Mean	5.58	5.61	7.42
Std. Deviation	0.19	0.16	0.29
LSD/sig	0.0482	ns	P≤0.01
<input type="checkbox"/> Seed: length/width ratio			
Mean	1.42	1.42	1.36
Std. Deviation	0.13	0.12	0.06
LSD/sig	0.0139	ns	P≤0.01

Prior Applications and Sales:

Country	Year	Status	Name Applied
Netherlands	2019	Pending	'AYAMI'

Nil

Description: **John Oates**, Merimbula, NSW

Details of Application		
Application Number	2019/105	
Variety Name	'Pinnacle Pink'	
Genus Species	<i>Chamelaucium floriferum</i>	
Common Name	Waxflower	
Accepted Date	09 Jul 2019	
Applicant	Botanic Gardens and Parks Authority, Kings Park, WA	
Agent	Helix Australia (Goldsash Corporation Pty Ltd); Malvern, VIC,	
Qualified Person	Philip Watkins	
Details of Comparative Trial		
Location	Harris Farm, Regans Ford, WA	
Descriptor	TG/225/1	
Period	May 2019 - October 2020	
Conditions	Plants propagated by cuttings and planted as rows in open field of sandy soil with drip irrigation and fertigation.	
Trial Design	10 plants of each variety in a split plot design with 1 metre between plants and 2.5 metre between rows.	
Measurements	Made on 10 typical organs from all plants.	
RHS Chart - edition	1986	
Origin and Breeding		
<p>Open Pollination: A cultivated planting of <i>C. floriferum</i> and <i>C. floriferum</i> subsp. <i>diffusum</i> selections at the Kings Park plant development breeding site were allowed to openly pollinate in October 2008. Resultant seed embryos were rescued in tissue culture and multiplied in tissue culture for ten cycles. Tissue cultures were then hardened off and grown to flowering stage. The variety was selected from one of these seedlings, which displayed compact growth and larger deep pink flowers. The variety was further propagated by cuttings for another three generations. No off-types were recorded. Breeder: Botanic Gardens and Parks Authority</p>		
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	attitude	semi erect
Flower	type	single
Flower	diameter	very small - small
Flower	arrangement of petals	free
Flower	colour of petal day 1	white
Time	beginning of flowering	late
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Chamelaucium floriferum'	maternal parent	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics Organ/Plant Part Context		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Little Lorey'	Flower	colour of petal day 14	pink	white	
'Little Lorey'	Flower	colour of petal day 28	pink	white	
'Lady Jennifer'	Flower	colour of petal day 14	mid pink	white	not grown anymore and not available in trade

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

Organ/Plant Part: Context	'Pinnacle Pink'	<i>Chamelaucium floriferum</i>
<input type="checkbox"/> Leaf: attitude in relation to stem	semi erect	semi erect
<input checked="" type="checkbox"/> Leaf: length	short	medium
<input type="checkbox"/> Leaf: shape in cross section	triangular	triangular
<input type="checkbox"/> Flowering branch: angle of axillary shoot	small	small to medium
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	white	white
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: diameter	very small to small	very small to small
<input type="checkbox"/> Flower: arrangements of petals	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	horizontal	horizontal
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	155B	155B
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	65D	155B
<input checked="" type="checkbox"/> *Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	65B	155B

<input type="checkbox"/>	Pedicel: length	short	short
<input type="checkbox"/>	Hypanthium: conspicuousness of longitudinal furrowing	medium	medium
<input type="checkbox"/>	Hypanthium: shape	obconical	obconical
<input type="checkbox"/>	Hypanthium: diameter at widest part	small	small
<input type="checkbox"/>	Hypanthium: main colour at middle part	brown	brown
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent
<input checked="" type="checkbox"/>	Petal: ratio length/width	as long as broad	longer than broad
<input type="checkbox"/>	Petal: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/>	Stamen collar: colour at opening of flower	white	white
<input checked="" type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	red	white
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	medium green	medium green
<input checked="" type="checkbox"/>	Style: colour	red	white
<input type="checkbox"/>	Time of: beginning of flowering	late	late

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Pinnacle Pink'	<i>Chamelaucium floriferum</i>
<input checked="" type="checkbox"/> Receptacle: colour 4 weeks after opening	pink red	red brown

Prior Applications and Sales:

Nil

Description: **Philip Watkins**, Port Douglas, QLD

Details of Application	
Application Number	2020/100
Variety Name	'HAMMER CL PLUS'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	09 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	UPOV TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls). The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was completed between the two parents RAC2040 and Kord CL Plus in 2014. In 2015 the population was grown in the field at Roseworthy (SA) and screened for the Imidazolinone herbicide tolerance. In 2016 and 2017 these lines were evaluated in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria and New South Wales. In 2017 an elite line was identified and named OAGT0016 and continued to be evaluated in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. Seed purification began in 2018 and	

this seed was used for commercial seed multiplication. In 2019, OAGT0016 entered the National Variety Trials (NVT) across; South Australia and Victoria. Breeders: Dr James Edwards, Dr Adam Norman, Mr James Preuss, Australian Grain Technologies Pty Ltd

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	tolerance to 1500ml per ha of imidazolinone	very high
Seed	colour	white
Plant	frequency of plants with recurved flag leaves	low or low to medium
Flag leaf	anthocyanin colouration of auricles	absent or weak
Ear	awns	present
Ear	length of awns	short or very short to short
Ear	colour	white
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kord CL Plus'	matches all grouping characteristics
'Sheriff CL Plus'	matches all grouping characteristics
'Grenade CL Plus'	matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Chief CL Plus'	straw	pith in cross section	thin	thick or filled	
'Razor CL Plus'	flag leaf	glaucosity of sheath	weak to medium	strong to very strong	
'Razor CL Plus'	ear	glaucosity	weak to medium	strong to very strong	
'Elmore CL Plus'	plant	leaf rust reaction	moderately susceptible	resistant	
'Hatchet CL Plus'	plant	time of ear emergence	early	very 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	'HAMMER CL PLUS'	'Grenade CL Plus'	'Kord CL Plus'	'Sheriff CL Plus'
<input type="checkbox"/> Seed: colour	white	white	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	semi erect to intermediate	semi erect to intermediate	semi erect to intermediate

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

Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context	'HAMMER CL PLUS'	'Grenade CL Plus'	'Kord Cl Plus'	'Sheriff CL Plus'
<input type="checkbox"/> Tolerance to: 1500ml per ha of imidazolinone	very high	very high	very high	very high

Statistical Table				
Organ/Plant Part: Context	‘HAMMER CL PLUS’	‘Grenade CL Plus’	‘Kord Cl Plus’	‘Sheriff CL Plus’
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	71.25	92.65	82.20	82.75
Std. Deviation	1.34	1.34	2.82	0.05
LSD/sig	7.44	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: time of ear emergence (Julian days)				
Mean	250.33	250.00	253.33	253.33
Std. Deviation	1.15	1.00	0.58	0.58
LSD/sig	2.00	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)				
Mean	138.28	189.60	167.40	149.65
Std. Deviation	11.98	3.67	40.00	0.35
LSD/sig	38.06	P≤0.01	ns	ns
<input type="checkbox"/> Plant: height (cm)				
Mean	78.70	82.05	81.54	79.40
Std. Deviation	0.70 cm	1.06 cm	2.54 cm	4.52 cm
LSD/sig	8.83	ns	ns	ns

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, Australia

Details of Application	
Application Number	2020/099
Variety Name	'BALLISTA'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	09-Jul-2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy South Australia
Descriptor	2020
Period	TG/3/12
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between the two parents RAC1537 and RAC1467 in 2009 resulting in the population coded CO9295. The population was selfed from the F1 to F5 generations and grown in the field at Roseworthy (SA), with selection for plant type, maturity and rust resistance. In 2012 these lines entered AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2014 a selection was identified which became RAC2598. In 2019 RAC2598 entered the National Variety Trials (NVT) across; South Australia, Victoria and New South Wales. Seed purification began in 2017 and this seed was used as the source for commercial seed multiplication. Breeders: Dr James Edwards, Dr Adam Norman, Dr Haydn Kuchel, Australian Grain Technologies Pty Ltd	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
Organ/Plant Part	Context		State of Expression in Group of Varieties		
Plant	growth habit		semi erect to erect to semi erect		
Seed	colour		white		
Flag leaf	anthocyanin colouration of auricles		absent or weak		
Straw	pith in cross section		thin		
Ear	scurs an awns		awns present		
Ear	colour		white		
Seasonal	type		spring		
Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Corack'		Matches all grouping characteristics			
'Mace'		Matches all grouping characteristics			
'Vixen'		Matches all grouping characteristics			
'Scepter'		Matches all grouping characteristics			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Wyalkatchem'	plant	height	medium	very short	
'Rockstar'	plant	time of ear emergence	early	late	
'Catapult'	plant	time of ear emergence	early	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	'BALLISTA'	'Corack'	'Mace'	'Scepter'	'Vixen'
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect	erect to semi erect	semi erect	erect to semi erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium	very low to 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"/> * Plant: time of ear emergence	early to medium	early	early to medium	medium	early
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	weak	medium	weak to medium	weak to medium
<input type="checkbox"/> Flag leaf:	very weak to	weak	absent or very	very weak to	very weak to

glaucosity of blade	weak		weak	weak	weak
<input checked="" type="checkbox"/> *Ear: glaucosity	weak to medium	weak to medium	medium	weak to medium	very weak to weak
<input checked="" type="checkbox"/> Culm: glaucosity of neck	medium	weak	medium to strong	medium	weak to medium
<input type="checkbox"/> * Lower glume: area of hairiness on external surface	absent	absent	absent	absent	absent
<input type="checkbox"/> * Plant: length	medium	medium to long	medium	medium to long	medium
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin
<input checked="" type="checkbox"/> *Ear: density	medium	medium	medium to dense	dense	lax to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	very short to short	very short to short	very short to short	very short to short	very short to short
<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	tapering
<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	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	slightly elevated to strongly elevated	horizontal	slightly elevated	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	long	medium to long	medium	long	long
<input checked="" type="checkbox"/> *Lower glume: shape of beak	straight to slightly curved	straight to slightly curved	slightly curved to moderately curved	straight to slightly curved	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"/> *Seasonal : type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'BALLISTA'	'Corack'	'Mace'	'Scepter'	'Vixen'
<input type="checkbox"/> Ear: length (mm)					
Mean	90.00	88.90	87.40	87.20	92.50
Std. Deviation	0.28	3.00	1.70	7.80	4.30

LSD/sig	7.44	ns	ns	ns	ns
<input checked="" type="checkbox"/> Plant: time of ear emergence (Julian days)					
Mean	249.20	245.30	249.30	253.70	246.00
Std. Deviation	0.29	2.10	0.58	1.20	1.00
LSD/sig	2.0	P≤0.01	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)					
Mean	159.90	171.60	150.30	166.50	167.40
Std. Deviation	1.70	1.60	6.30	37.80	17.70
LSD/sig	38.1	ns	ns	ns	ns
<input type="checkbox"/> Plant: height (cm)					
Mean	75.50	81.40	75.90	82.80 cm	78.10
Std. Deviation	6.15	2.75	6.60	4.90 cm	0.30
LSD/sig	8.8	ns	ns	ns	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application	
Application Number	2020/110
Variety Name	'Sunflex'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	23-Jul-2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: The cross was made at Plant Breeding Institute (PBI), Narrabri in 2008 resulting in a population coded N18032. The population was selfed from F1 to F6 in AGT Summer nurseries and the field at PBI, Narrabri, with selection for plant type, maturity, crown rot tolerance and rust resistances. In 2013 these lines entered AGT's agronomic, disease and quality testing network across; New South Wales, Queensland, Victoria and South Australia. In 2015 a selection was identified which became SUN862I. In 2018 SUN862I entered the National Variety Trials (NVT) across; Queensland, New South Wales, Victoria and South Australia. Seed purification began in 2016 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.	

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 to intermediate
Plant	frequency of plants with recurved flag leaves	medium
Flag leaf	anthocyanin colouration of auricles	absent or weak
Flag leaf	glaucosity of sheath	weak to medium
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LRPB Lancer'	Matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'EGA Gregory'	plant	height	short	tall	
'Coolah'	plant	height	short	tall	
'Mitch'	plant	height	short	tall	
'Suntime'	plant	height	short	tall	

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

Organ/Plant Part: Context	'Sunflex'	'LRPB Lancer'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> *Plant: growth habit	semi erect to intermediate	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"/> *Time of ear emergence	late	medium to late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	weak	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	very weak to weak	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	weak	weak
<input type="checkbox"/> * Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> * Plant: length	medium	medium to long
<input type="checkbox"/> *Straw: pith in cross section	thin	thin
<input checked="" type="checkbox"/> *Ear: density	lax to medium	very lax to lax

<input type="checkbox"/> *Ear: length	medium to long	short to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	very short to short	very short to short
<input type="checkbox"/> *Ear: colour	white	white
<input 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	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	absent or very narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	strongly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	short to medium	medium
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight to slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Sunflex'	'LRPB Lancer'
<input checked="" type="checkbox"/> Ear: length(mm)		
Mean	98.20	88.90
Std. Deviation	1.60	2.00
LSD/sig	7.44	P<0.01
<input checked="" type="checkbox"/> Plant: time of ear emergence (Julian days)		
Mean	259.70	256.00
Std. Deviation	0.60	0.00
LSD/sig	2.0	P<0.01
<input type="checkbox"/> Flag leaf: length (mm)		
Mean	205.90	214.50
Std. Deviation	12.80	4.00
LSD/sig	38.1	ns
<input type="checkbox"/> Plant: height (cm)		
Mean	73.00	78.30
Std. Deviation	2.50	0.10
LSD/sig	8.8	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application	
Application Number	2020/109
Variety Name	'Denison'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	23 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between two F1s in 2010, resulting in the population coded ES2122. The population was selfed from the F1 to F2 generations and grown in the field at Northam (WA), with selection for plant type and maturity. In 2013 derived lines entered AGT's agronomic, disease and quality testing network across Western Australia and South Australia. In 2017 a re-selection was identified which became WAGT734. In 2019 WAGT734 entered the National Variety Trials (NVT) across Western Australia, South Australia, Victoria and New South Wales. Seed purification began in 2018 and this seed was used as the source for commercial seed multiplication. Breeders: Dr Dion Bennett, Dr Usman Ijaz, Dr Jason Reinheimer and Mr Kevin Young, Australian Grain Technologies Pty Ltd.	

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	between semi erect and semi erect to intermediate
Flag leaf	anthocyanin colouration of auricles	absent or weak
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	length of awns	short
Ear	colour	white
Ear	shape in profile	parallel sided
Lower glume	shoulder width	very narrow to narrow
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LRPB Trojan'	Matches all grouping characteristics
'DS Pascal'	Matches all grouping characteristics

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Magenta'	flag leaf	anthocyanin colouration of auricles	absent or weak	strong	
'Wyalkatchem'	plant	time of ear emergence	late to very 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	'Denison'	'DS Pascal'	'LRPB Trojan'
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> *Plant: growth habit	semi erect to intermediate	semi erect to intermediate	semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to 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"/> * Time of ear emergence	late	medium to late	medium to late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	medium	medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	weak	weak to medium	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	medium	medium	medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	weak to medium	medium	medium

<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input type="checkbox"/> * Plant: length	Medium	Medium	Medium to long
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin
<input checked="" type="checkbox"/> *Ear: density	medium to dense	very lax to lax	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	short	short	short
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	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
<input type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	very narrow to narrow	very narrow to narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly elevated	slightly elevated	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	medium to long	very short to short	medium to long
<input checked="" type="checkbox"/> *Lower glume: shape of beak	slightly curved	straight	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Denison'	'DS Pascal'	'LRPB Trojan'
<input checked="" type="checkbox"/> Ear: length (mm)			
Mean	82.20	97.80	92.90
Std. Deviation	4.30	0.50	3.50
LSD/sig	7.4	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: time of ear emergence (Julian days)			
Mean	260.70	256.70	256.00
Std. Deviation	0.80	0.60	1.20
LSD/sig	2.0	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)			
Mean	184.70	180.90	152.80
Std. Deviation	13.70	16.00	10.20
LSD/sig	38.1	ns	ns
<input type="checkbox"/> Plant: height (cm)			
Mean	76.40	74.00	80.90
Std. Deviation	2.65	2.40	1.00
LSD/sig	8.8	ns	ns

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, Australia

Details of Application	
Application Number	2020/111
Variety Name	'Sunmaster'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	23 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, South Australia
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between the two parents in 2011 resulting in the population coded BX7915. The population was selfed from the F1 to F4 generations and grown in the field at Roseworthy (SA) and Narrabri (NSW), with selection for plant type, maturity and rust resistances. In 2014 these lines entered AGT's agronomic, disease and quality testing network across; Queensland, New South Wales, Victoria, South Australia and Western Australia. In 2017 a selection was identified which became SUN972P. In 2019 SUN972P entered the National Variety Trials (NVT) across; Queensland, New South Wales and Victoria. Seed purification began in 2018 and this seed was used as the source for commercial seed multiplication. Breeders: Dr Meiqin Lu, Mr Thomas Kapcejevs and Dr Michael Quinn.	

Australian Grain Technologies Pty Ltd.					
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		erect to semi erect		
Plant	frequency of of plants with recurve of flag leaves		low to medium		
Flag leaf	anthocyanin colouration of auricles		absent or weak		
Ear	density		medium		
Ear	scurs and awns		awns present		
Ear	colour		white		
Ear	shape in profile		tapering		
Seasonal	type		spring		
Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Suntop'		Matched all grouping characteristics			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'LRPB Reliant'	plant	height	medium	tall	
'EGA Gregory'	flag leaf	anthocyanin colouration of auricle	absent of very weak	strong	
'Sunmate'	Plant	Time of ear emergence	medium	early	
'LRPB Spitfire'	plant	height gene	Rht1	Rht2	
'LRPB Spitfire'	ear	glaucosity	weak to medium	absent or very 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	'Sunmaster'	'Suntop'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to 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	weak to medium	weak to medium

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

Statistical Table

Organ/Plant Part: Context	'Sunmaster'	'Suntop'
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	94.40	104.30
Std. Deviation	1.30	0.49
LSD/sig	7.44	P≤0.01
<input type="checkbox"/> Plant: time of ear emergence (Julian days)		
Mean	254.00	252.00
Std. Deviation	1.10	1.73
LSD/sig	2.0	P≤0.01
<input type="checkbox"/> Flag leaf: length (mm)		
Mean	174.60	185.00
Std. Deviation	6.90	20.90
LSD/sig	38.1	ns
<input type="checkbox"/> Plant: height (cm)		
Mean	83.90	90.80
Std. Deviation	5.91	1.60
LSD/sig	8.8	ns

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, Australia

Details of Application	
Application Number	2020/101
Variety Name	'STING'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	
Accepted Date	09 Jul 2020
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil
Details of Comparative Trial	
Location	Roseworthy, SA
Descriptor	TG/3/12
Period	2020
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (34 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2020 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 6th July with Paradigm (25g), Axial (200mls), Lontrel (40mls), MCPA LVE 570 (500mls), Matador (40mls) and Adigor (500mls/100L) to control weeds. On the 9th July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 29st July using Aviator Xtra @ 500mls, and again on the 9th September with Prosaro (150mls) The season finished early with limited spring rainfall. The trial was harvested on 17th November 2020.
Trial Design	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 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 each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	
Origin and Breeding	
Controlled pollination: A cross was made between the two parents RAC1537 and RAC1502 in 2009 resulting in the population coded CO9243. The population was selfed from the F1 to F5 generations and grown in the field at Roseworthy (SA), with selection for plant type, maturity and rust resistance. In 2012 these lines entered AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2014 a selection	

was identified which became RAC2559. In 2019 RAC2559 entered the National Variety Trials (NVT) across; South Australia, Victoria and New South Wales. Seed purification began in 2017 and this seed was used as the source for commercial seed multiplication. Breeders: Dr James Edwards, Dr Adam Norman, Dr Haydn Kuchel, Australian Grain Technologies Pty Ltd

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
Flag leaf	frequency of recurved leaves	low to medium
Seed	colour	white
Plant	growth habit	semi erect or erect to semi erect
Flag leaf	anthocyanin colouration of auricles	absent or weak
Straw	pith in cross section	thin
Ear	scurs and awns	awns present
Ear	length of awn	very short or very short to short
Ear	colour	white
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Corack'	
'Mace'	
'Vixen'	
'Scepter'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Wyalkatchem'	plant	height	medium	very short	
'Rockstar'	plant	time of ear emergence	early	late	
'Catapult'	plant	time of ear emergence	early	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	'STING'	'Corack'	'Mace'	'Scepter'	'Vixen'
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect	erect to semi erect	semi erect	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium	low to medium	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"/> *Plant: time of ear	early	medium	early to	medium	early

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

Statistical Table					
Organ/Plant Part: Context	'STING'	'Corack'	'Mace'	'Scepter'	'Vixen'
<input type="checkbox"/> Ear: length (mm)					
Mean	93.90	88.95	87.40	87.20	92.45
Std. Deviation	1.94	3.04	1.70	7.78	4.31
LSD/sig	7.44	ns	ns	ns	ns
<input checked="" type="checkbox"/> Plant: time of ear emergence (Julian days)					
Mean	247.33	254.33	249.33	253.66	246.00
Std. Deviation	0.29	2.08	0.58	1.15	1.00
LSD/sig	2.00	P≤0.01	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Flag leaf: length (mm)					
Mean	172.00	171.55	150.35	166.50	167.35
Std. Deviation	3.46	1.62	6.29	37.75	17.74
LSD/sig	38.06	ns	ns	ns	ns
<input type="checkbox"/> Plant: height (cm)					
Mean	80.50	81.45	75.85	82.80	78.10
Std. Deviation	0.95	2.75	6.57	4.95	0.28
LSD/sig	8.83	ns	ns	ns	ns

Prior Applications and Sales:

No prior sale or applications.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, Australia

GRANT:

Actinidia chinensis

KIWIFRUIT

‘Dong Hong’^ϕ

Application No: 2017/014

Applicant: **Wuhan Botanical Garden, Chinese Academy of Sciences**

Certificate No: 6468 Expiry Date: 23/03/2046.

Agent: **Griffith Hack**, Melbourne, VIC.

Actinidia chinensis

KIWIFRUIT

‘Jinyan’^ϕ

Application No: 2017/015

Applicant: **Wuhan Botanical Garden, Chinese Academy of Sciences**

Certificate No: 6469 Expiry Date: 23/03/2046.

Agent: **Griffith Hack**, Melbourne, VIC.

Armeria pseudarmeria

THRIFT

‘Big Dreams’^ϕ

Application No: 2018/166

Applicant: **Plant Growers Australia**

Certificate No: 6459 Expiry Date: 22/02/2041.

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Armeria pseudarmeria

THRIFT

‘Daydream’^ϕ

Application No: 2018/205

Applicant: **Plant Growers Australia**

Certificate No: 6461 Expiry Date: 23/02/2041.

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Armeria pseudarmeria

THRIFT

'Dreamland'^Φ

Application No: 2018/204

Applicant: **Plant Growers Australia**

Certificate No: 6460 Expiry Date: 23/02/2041.

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Armeria pseudarmeria

THRIFT

'Sweet Dreams'^Φ

Application No: 2018/206

Applicant: **Plant Growers Australia**

Certificate No: 6462 Expiry Date: 23/02/2041.

Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Avena sativa

OATS

'Bronco'^Φ **syn PAL17**^Φ

Application No: 2018/106

Applicant: **NDSU Research Foundation**

Certificate No: 6466 Expiry Date: 16/03/2041.

Agent: **Palafor Partners Pty Ltd**, Mountain Creek, QLD.

Citrus clementina x sinensis

MANDARIN

'Early Sicily'^Φ

Application No: 2015/174

Applicant: **Giuseppe Reforgiato Recupero, Giuseppe Russo, Santo Recupero**

Certificate No: 6472 Expiry Date: 31/03/2046.

Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Malus domestica

APPLE

'PremA96'^Φ

Application No: 2012/282

Applicant: **Prevar Ltd**
 Certificate No: 6463 Expiry Date: 25/02/2046.
 Agent: **Baker McKenzie**, Sydney, NSW.

Malus domestica

APPLE

‘SQ 159’^Φ

Application No: 2016/081
 Applicant: **Fresh Forward Holding B.V.**
 Certificate No: 6458 Expiry Date: 3/02/2046.
 Agent: **Spruson & Ferguson**, Sydney, NSW.

Prunus salicina

JAPANESE PLUM

‘GW1’^Φ

Application No: 2017/233
 Applicant: **Vitaplum Technology Pty Ltd**
 Certificate No: 6471 Expiry Date: 31/03/2046.
 Agent: **Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Solanum tuberosum

POTATO

‘Crop55’^Φ

Application No: 2016/141
 Applicant: **The New Zealand Institute for Plant and Food Research Limited**
 Certificate No: 6456 Expiry Date: 20/01/2041.
 Agent: **A J Park**, SYDNEY, NSW.

Solanum tuberosum

POTATO

‘Crop56’^Φ

Application No: 2016/140
 Applicant: **The New Zealand Institute for Plant and Food Research Limited**
 Certificate No: 6455 Expiry Date: 20/01/2041.
 Agent: **A J Park**, SYDNEY, NSW.

Solanum tuberosum

POTATO

‘Crop60’^Φ

Application No: 2019/042

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 6457 Expiry Date: 29/01/2041.

Agent: **AJ Park**, Sydney, NSW.

Solanum tuberosum

POTATO

‘Crop85’^Φ

Application No: 2016/138

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 6454 Expiry Date: 20/01/2041.

Agent: **A J Park**, SYDNEY, NSW.

Triticum aestivum

WHEAT

‘Longsword’^Φ

Application No: 2017/263

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 6467 Expiry Date: 26/02/2041.

Triticum aestivum

WHEAT

‘Razor CL Plus’^Φ

Application No: 2018/006

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 6464 Expiry Date: 1/03/2041.

Vaccinium corymbosum

BLUEBERRY

‘Ridley 1108’^Φ

Application No: 2018/030

Applicant: **Mountain Blue Orchards Pty Ltd**

Certificate No: 6465 Expiry Date: 15/03/2041.

Vitis vinifera

GRAPE VINE

'IFG Seventeen'^ϕ

Application No: 2015/334

Applicant: **International Fruit Genetics, LLC**

Certificate No: 6453 Expiry Date: 11/01/2046.

Agent: **Jennifer Hashim-Maguire**, Mildura,, VIC.

Vitis vinifera

GRAPE VINE

'IFG Sixteen'^ϕ

Application No: 2015/333

Applicant: **International Fruit Genetics, LLC**

Certificate No: 6470 Expiry Date: 11/01/2046.

Agent: **Jennifer Hashim-Maguire**, Mildura, VIC.

Assignment of Rights

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2020/121	Musa	acuminata	QCAV-4	Banana	Queensland University of Technology	Australian Banana Research Pty Ltd

Change of Applicant Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2020/047	Malus	domestica	CIVP21	Apple	C.I.V. Consorzio Italiano Vivaisti - Societa consortile a r.l. - Italia	C.I.V. - CONSORZIO ITALIANO VIVAISTI SOCIETA - CONSORTILE A R.L.
2008/205	Malus	domestica	CIVG198	Apple	C.I.V. Consorzio Italiano Vivaisti	C.I.V. - CONSORZIO ITALIANO VIVAISTI SOCIETA - CONSORTILE A R.L.
2007/338	Avena	sativa	koorabup	Oats	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute); GRDC	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute)
2003/279	Citrus	limon	7 ELS 1	Lemon	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust

2001/173	Citrus	limon	Code 7B97	Lemon	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2003/280	Citrus	limon	7 ELS C3	Lemon	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2011/213	Citrus	reticulata	AC4916	Mandarin	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2003/278	Citrus	limon	3 ELS 0	Lemon	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2001/067	Citrus	reticulata x Citrus sinensis	Code 66-75	Tangor	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2015/296	Citrus	reticulata	ALB14R6 T190	Mandarin	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust

2011/211	Citrus	reticulata	M17B3R 8TL297	Mandarin	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2011/212	Citrus	reticulata	AC41114	Mandarin	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2001/172	Citrus	limon	Code 3X97	Lemon	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust
2015/297	<i>Citrus</i>	reticulata	ALB2R11 T52	Mandarin	Craig Robert Pressler as Trustee for C & B Pressler Family Trust; Bindi Kristine Pressler as Trustee for C & B Pressler family trust	Craig Robert Pressler as Trustee for C & B Pressler Family Trust

Change/Nomination of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
2018/378	Prunus	dulcis	Bennett-Hickman	Spruson & Ferguson	Pizeys
2009/325	Fragaria	xananassa	BG-959	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2012/040	Rubus	ideaus	RADIANCE	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2012/041	Rubus	ideaus	GRANDEUR	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2014/340	Fragaria	xananassa	Triumph	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2014/341	Fragaria	xananassa	BG-3.324	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2014/342	Fragaria	xananassa	PE-6.2036	Watermark Patent and Trademark Attorney	Red Jewel Fruit Management Pty Ltd
2008/205	Malus	domestica	CIVG198	Davies Collison Cave	Franke Hyland

Denomination Changed

Application No.	<i>Genus</i>	<i>Species</i>	Common Name	Changed From	Changed To
2015/122	<i>Medicago</i>	<i>littoralis</i>	Strand Medic	PM-250	Seraph

Applications Withdrawn

The following varieties are withdrawn under Section 34(2) of the *Plant Breeder's Rights Act 1994* and are no longer under PBR provisional protection:

App. No.	Genus	Species	Common Name	Variety
2012/254	Rosa	hybrid	Rose	Schycecold
2008/230	Rosa	hybrid	Rose	Schiallo
2013/076	Anthurium	andreaum	Flamingo Flower	Anthcapbuk
2017/307	Combretum	indicum	Rangoon Creeper	Jessies Love
2017/308	Combretum	indicum	Rangoon Creeper	Jessies Star
2017/309	Combretum	indicum	Rangoon Creeper	Jessies Blush
2016/006	Spinacia	oleracea	Spinach	Pegasum
2014/205	Lactuca	sativa	Lettuce	Mercurio
2013/012	Anigozanthos	hybrid	Carmat	Caratilda
2019/134	Solanum	lycopersicum	Tomato	COMPLICE
2017/091	Lactuca	sativa	Lettuce	Izanas
2010/285	Alstroemeria	hybrid	Peruviain Lily	Gina
2010/284	Alstroemeria	hybrid	Peruviain Lily	Lucy
2014/103	Sedum	hybrid	Sedum	Blue Pearl
2003/164	Malus	domestica	Apple	CIVNI
2011/009	Rosa	hybrid	Rose	GRA61281
2017/260	Rosa	hybrid	Rose	GRA1512118
2017/333	Rosa	hybrid	Rose	GRA151246
2018/246	Rosa	hybrid	Rose	GRA151217
2019/123	Anigozanthos	hybrid	Kangaroo Paw	Rambojoke
2011/204	Triticum	aestivum	Wheat	Impose CL
2020/024	Correa	hybrid		Pinksensation
2010/231	Triticum	aestivum	Wheat	Wedin
2010/224	Triticum	aestivum	Wheat	Kunjin
2008/299	Phormium	tenax	New Zealand Flax	Proquest PH1
2016/071	Sedum	hybrid	Sedum	Cherry Tart
2016/146	Lavandula	stoechas	Italian Lavender	Wijs02
2016/147	Lavandula	stoechas	Italian Lavender	LOWI2010-05
2012/256	Carex	oshimensis	Japanese sedge	Evergreen
2014/327	Erica	patersonia	Heather	Shone 1

Grants Surrendered

The following varieties are surrendered under Section 52 of the *Plant Breeder's Rights Act 1994* and the breeder's rights protection has ceased:

App. No.	Genus	Species	Variety	Synonym	Common Name
2001/013	Anthurium	hybrid	Antinkeles	Pink Champion	Flamingo Flower
2010/256	Vaccinium	hybrid	Lehl-51		Southern Highbush Blueberry
2015/118	Calibrachoa	hybrid	USCAL41401		Calibrachoa
2006/299	Hordeum	vulgare	Pacific Ranger	AC Ranger	Barley
1999/310	Medicago	sativa	SARDI Seven		Lucerne
2013/187	Citrullus	lanatus	SP-6	SP6	Watermelon
2011/297	Lactuca	sativa	Auvona		Lettuce
2014/002	Lactuca	sativa	Expertise		Lettuce
2012/259	Solanum	lycopersicum	Solarina		Tomato
2013/039	Hibiscus	rosa-sinensis	Arionicus	Arionicus	Chinese Hibiscus
2013/040	Hibiscus	rosa-sinensis	Athenacus	Arion	Chinese Hibiscus
2013/175	Prunus	persica var. nucipersica	Sunectwentytwo	Sunect22	Nectarine
2014/166	Rosa	sp	Auschris		Rose
2013/188	Ozothamnus	hybrid	Magic Marmalade		Riceflower
2016/223	Minnie Pink	Phlox	Hybrid		
2008/304	Alstroemeria	hybrid	Arabella		Peruvian Lily
2009/266	Alstroemeria	hybrid	Christina		Peruvian Lily
2009/267	Alstroemeria	hybrid	Davina		Peruvian Lily
2008/302	Alstroemeria	hybrid	Natalie		Peruvian Lily
2009/265	Alstroemeria	hybrid	Sophie		Peruvian Lily
2008/303	Alstroemeria	hybrid	Tara		Peruvian Lily
2014/066	Hydrangea	macrophylla	Freedom		Hydrangea
2016/171	Hordeum	vulgare	Sakura Star		Barley
2010/207	Prunus	armeniaca	River Early		Apricot
2003/116	Hordeum	vulgare	Vlamingh		Barley
1999/322	Lolium	perenne	Ceres Kingston		Perennial Ryegrass

2004/057	Rosa	hybrid	Schrenat	Aqua!	Rose
2006/008	Triticum	aestivum	EGA Burke		Wheat
2004/218	Triticum	aestivum	EGA Wentworth		Wheat
2004/216	Triticum	aestivum	EGA Wylie		Wheat
2006/096	Rosa	hybrid	Korbreano		Rose
1999/201	Rosa	hybrid	KORFLEUR		Rose

Grants Expired

The following varieties have expired under Section 22(2) of the *PBR Act 1994* and are no longer under PBR protection:

App. No.	Genus	Species	Common Name	Variety
1999/191	Pisum	sativum	Field Pea	Morgan PSE 23
1999/069	Olearia	axillaris	Olearia	Little Smokie
1999/153	Dianthus	hybrid	Pinks	Codianki
1996/265	Lavandula	hybrid	Wandering Jew, Inch Plant, Spiderwort	Silver Feather
1998/045	Codiaeum	variegatum	Variegated Croton	Grubell
1999/073	Medicago	sativa	Lucerne	UQL-1
1998/201	Medicago	truncatula	Barrel Medic	Jester
1998/131	Festuca	arundinacea	Tall Fescue	Resolute
1999/229	Avena	sativa	Oats	Wandering
1999/230	Lupinus	angustifolius	Narrow-Leafed Lupin	Quillinock
2019/123	Anigozanthos	hybrid	Kangaroo Paw	Rambojoke
1997/081	Rosa	hybrid	Rose	Meiroupis
1997/083	Rosa	hybrid	Rose	Meideauri
1997/188	Camellia	sasanqua	Camellia	PARSAY
1997/189	Camellia	sasanqua	Camellia	PARJOA
1998/163	Festuca	arundinacea	Tall Fescue	Flecha

Grants Revoked

The following varieties have been revoked under Section 50 of the *Plant Breeder's Rights Act 1994*, and are no longer under PBR protection:

App No.	Genus	Species	Variety	Synonym	Common Name
2005/079	Vaccinium	hybrid	Emerald		Southern Highbush Blueberry
2007/151	Lavandula	hybrid	Riverina James		Wandering Jew, Inch Plant

Corrigenda

Oats

Avena Sativa

'Wintaroo'

Application Number: 2001/219

In the detailed description published in the *Plant Varieties Journal Vol. 15. No. 2* replace:

Breeder: Dr Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, SA.

With the following:

Hybridisation, early generation, and fixed line selection by: Dr. Andrew Barr and Mrs Sue Hoppo.

Final Selection by: Dr. Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, Australia.

'Possum'

Application Number: 2001/236

In the detailed description published in the *Plant Varieties Journal Vol. 15. No. 2* replace:

Breeder: Dr Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, SA.

With the following:

Hybridisation, early generation selection by: Dr. Andrew Barr and Mrs Sue Hoppo.

Selection by: Dr. Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, Australia.

'Brusher'

Application Number: 2002/215

In the detailed description published in the *Plant Varieties Journal Vol. 15. No. 2* replace:

Breeder: Dr Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, SA.

With the following:

Hybridisation, early generation, and fixed line selection by: Dr. Andrew Barr and Mrs Sue Hoppo.
Final Selection by: Dr. Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, Australia.

‘Quokka’

Application Number: 2002/214

In the detailed description published in the *Plant Varieties Journal Vol. 15. No. 2* replace:

Breeder: Dr Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, SA.

With the following:

Hybridisation by: Dr. Andrew Barr and Mrs. Sue Hoppo. Selection by: Dr. Pamela Zwer and the Oat Breeding Team of the South Australian Research and Development Institute, Waite Campus, Urrbrae, Australia.

‘EXPRESS’

Application Number: 2018/191

In the detailed description published in the *Plant Varieties Journal Vol. 33. No. 4* replace:

Statistical Table:

Organ/Plant Part: Context

Grain: width (mm) change to Flag leaf width (mm)



Australian Government
IP Australia

Appendices

The appendices to *Plant Varieties Journal* (**Vol. 34 Issue 1**) are listed below:

- [Home](#)
- [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 the directory of consultant QPs

Appendix 2 - Index of Accredited Non-Consultant Qualified Persons

LAST NAME	CONTACT NAME
Ahmad	Maqbool
Ali	Asjad
Ansari	Omid
Austin	Darren
Bartley	Megan
Berryman	Pamela
Bolton	Clair
Box	Amanda
Brown	Emma
Brunt	Charlotte
Buchanan	Peter
Bunker	John
Cameron	Nick
Campbell	David
Cecil	Andrew
Chesher	Wayne
Clayton-Greene	Kevin
Clifton	Hannah
Clingeffer	Peter
Clothier	Damien
Cogan	Noel
Collins	David
Connolly	Karen
Costin	Russell
Coventry	Stewart
Cowling	Wallace
Culvenor	Richard
Cutri	Gaethan
De Barro	James
Dewar	Matthew
Dilag	Calixto
Downe	Graeme
Fitzgibbon	John
Flattery-O'Brien	Jacinta
Fleming	Rebecca
Gillies	Leanne
Gonzalez	Moises
Graetz	Darren
Gray	John
Gunther	Tom
Harmer	Martin
Harrison	Robert

Hobson	Kristy
Hoppo	Suzanne
Jobling	Philip Norman
Jupp	Noel
Kaehne	Ian
Katz	Mark
Kretzschmar	Tobias
Lacey	Kevin
Laker	Richard
Lee	Jodie
Lee Chang	Kim
Lewis	Hartley
Lewthwaite	Stephen
Madsen	Dean
March	Timothy
Materne	Michael
Matthews	Michael
Moisander	Jennifer
Myors	Philip
Neal	Jodi
Newman	Allen
O'Connor	Daniel
O'Connor	Katie
O'Leary	Finbarr
Pandey	Babu
Paull	Jeff
Peck	David
Pegg	Amelia
Pike	Elise
Porter	Gavin
Pressler	Craig
Rayner	Kenneth
Real	Daniel
Roake	Jeremy
Russell	Dougal
Senior	Michael
Sewell	James
Shunmugam	Arun
Smith	Chris
Smith	Leigh
Snell	Peter
Snelling	Cath
Song	Leonard
Sounness	Janine
Stewart	Anthony
Stiller	Warwick

Tabah	David
Tancred	Stephen
Todd	Peter
Turner	Janice
Turpin	Susanna
Watson	David
Weber	Ryan
Wei	Xianming
Williams	Michelle
Winter	Bruce
Wirthensohn	Michelle
Wright	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 growings. An authorised establishment will be known as Centralised Test Centre (CTC).

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

While the current system is and will remain satisfactory, other optional testing methods are 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.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$920. This is a saving of more than 40% over the normal fee of \$1610.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically 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. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Next review date
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G. Piperidis	30/06/1997	1/02/2022
Paradise Plants	Kulnura, NSW	<i>Camellia</i> , <i>Lavandula</i> , <i>Osotha mnus</i> , <i>Ceratopetalum</i>	Field, glasshouse, shade house, irrigation	J. Robb	31/12/1998	1/02/2022
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment	C. Prescott	31/12/1998	1/02/2022

Ramm Botanicals	Kangy Angy, NSW	<i>Anigozanthos</i>	Tissue culture, environment controlled greenhouse; extensive out door and shade house areas	Hannah Clifton	10/02/2012	1/02/2022
Solan Pty Ltd	Waikerie SA	<i>Solanum tuberosum</i>	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	1/02/2022
Gene Gro Pty and V & CM Zorin	Birkdale, QLD	<i>Desmanthus</i>	Irrigated field trial areas;laboratory and related equipment; access to dryers and heated glasshouse	D. Loch	22/07/2014	1/02/2022
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	1/02/2022
Agronico Technology Pty Ltd	Leith, TAS	<i>Solanum tuberosum</i>	Access to tissue culture storage and mini tuber production facilities (VICSPA accredited),for storing and multiplying varieties in preparation for testing	Stewart McKay, James Hills	7/04/2016	1/02/2022
G Crumpton & Sons & Co Pty Ltd	Crawford, QLD	Duboisia	Comprehensive growing facilities	D. Loch	13/12/2016	1/02/2022

GeneGroPty Ltd	Birkdale, QLD	<i>Lablab purpureus</i> <i>Zoysia</i> spp	Irrigated field trial areas; laboratory and related equipment; access to dryer sand heated glasshouse	D. Loch	13/12/2016	1/02/2022
Driscolls Australia Pty Ltd	Palmwoods, QLD	<i>Fragaria</i> spp., <i>Vaccinium</i> spp., <i>Rubus</i> spp.	Irrigated field trial areas, laboratory facilities, glasshouse	Jennifer Moisander	13/12/2016	1/02/2022
GrapeCo Pty Ltd	South Merbein, VIC	<i>Vitis vinifera</i> (Table Grape only)	Drip irrigation. Cool rooms are being installed	A. MacGregor	28/02/2017	1/02/2022
Australian Horticultural Services	Wonga Park, VIC	<i>Lavandula</i>	Indoor and out growing areas	M.Lunghusen	19/12/2018	1/02/2022
Haar's Nursery	Somerville, VIC	<i>Erysimum</i> , <i>Impatiens</i> ** <i>Nemesia</i>	Propagation greenhouses; indoor and outdoor growing areas	M.Lunghusen	19/12/2018	1/02/2020

** = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

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 from the [PBR search website](#). A copy of an entry in the Register may be purchased by contacting pbr@ipaustralia.gov.au.



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