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Plant Varieties Journal - Optimised for Screen Viewing

Plant Varieties Journal

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Public Notices (Acceptances, Descriptions, Grants, and Variations etc.)

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. 36 Issue 3**) are listed below:

Acceptances

Hordeum vulgare L.

Barley
'RGT-Atlantis'
Application No: 2023/218 Accepted: 28/11/2023
Applicant: RAGT 2n
Agent: RAGT Australia

Lactuca sativa

Lettuce
'MULTIGREEN 161'
Application No: 2023/237 Accepted: 28/11/2023
Applicant: Nunhems B.V.
Agent: Spruson & Ferguson

Fragaria ×ananassa Duch.

Strawberry
'BG-9.3147'
Application No: 2023/217 Accepted: 29/11/2023
Applicant: Berry Genetics, Inc.
Agent: Red Jewel Fruit Management Pty Ltd

Poa labillardieri

Tussock Grass
'POL11'
Application No: 2023/229 Accepted: 29/11/2023
Applicant: Ozbreed Greenlife Pty Ltd

Poa labillardieri

Tussock Grass
'POL12'
Application No: 2023/230 Accepted: 29/11/2023
Applicant: Ozbreed Greenlife Pty Ltd

Fragaria xananassa

Strawberry
'CBC005'
Application No: 2023/221 Accepted: 5/12/2023
Applicant: California Berry Cultivars, LLC
Agent: Eurofins Agriscience Services Pty Ltd

Rubus idaeus

Raspberry
'Endurance'
Application No: 2023/236 Accepted: 5/12/2023
Applicant: Plant Sciences, Inc.
Agent: Red Jewel Fruit Management Pty Ltd

Grevillea hybrid

Grevillea
'GR95' syn Woman of Spirit
Application No: 2023/242 Accepted: 5/12/2023
Applicant: Botanic Gardens and Parks Authority
Agent: Quito Pty Ltd trading as Benara Nurseries

Variety Descriptions

Common (Genus Species)	Variety	Title Holder
(Arthropodium cirrhatum)	Moonbeam	Chris Roebuck
Apple (Malus domestica)	Jive	BMA TRUST c/-Dr Mark Burkitt
Apple (Malus domestica)	SUNSPARK	Li Imke GbR
Blueberry (Vaccinium corymbosum)	DrisBlueSixteen	Driscoll's Inc.
Camellia (Camellia hybrid)	Parflorooh	The Paradise Seed Company Pty. Limited
Camellia (Camellia hybrid)	Parpatpot	The Paradise Seed Company Pty. Limited
Camellia (Camellia hybrid)	Parflorgor	The Paradise Seed Company Pty. Limited
Camellia (Camellia hybrid)	Parflorpret	The Paradise Seed Company Pty. Limited
Camellia (Camellia hybrid)	Parflorpink	The Paradise Seed Company Pty. Limited
Hydrangea (Hydrangea macrophylla)	Kolmaru	Kolster Holdings B.V.
Indian Mustard (Brassica juncea)	AGV1014	Agriventis Technologies Pty. Ltd.
Italian Ryegrass (Lolium multiflorum)	Manta	Grasslands Innovation Limited
Lettuce (Lactuca sativa)	ANDIRON	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lettuce (Lactuca sativa)	STRONEX	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Oats (Avena sativa)	Willo-1	Williams Group Australia Pty Ltd
Paper Daisy (Rhodanthe anthemoides)	Paper Girl	Plant Growers Australia
Perennial Ryegrass (Lolium perenne)	Reason	Grasslands Innovation Limited
Perennial Ryegrass (Lolium perenne)	Vast	Grasslands Innovation Limited
Raspberry (Rubus idaeus)	NN12026	Pacific Berries LLC
Sage (Salvia hybrid)	Amante	New World Plants Limited
Spinach (Spinacia oleracea L.)	PMSP185232674	Nunhems B.V.
Strawberry (Fragaria x ananassa)	DrisStrawFiftyEight	Driscoll's, Inc.
Strawberry (Fragaria x ananassa)	DrisStrawSixtyFive	Driscoll's, Inc.
Tomato (Solanum lycopersicum)	HN5003	Syngenta Participations AG
White Clover (Trifolium repens)	Brace	Grasslands Innovation Limited

Plant Varieties Journal - Search Result Details

(Arthropodium cirrhatum)
Variety: Moonbeam
Synonym:

Application no: 2020/264
Current status: ACCEPTED
Certificate no:
Received: 2/11/2020
Accepted: 23/12/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Chris Roebuck
Agent: Plants Management Australia Pty. Ltd.

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Apple (Malus domestica)
Variety: Jive
Synonym:

Application no: 2017/096
Current status: ACCEPTED
Certificate no:
Received: 18/04/2017
Accepted: 3/05/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: BMA TRUST c/-Dr Mark Burkitt
Agent: Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Apple (Malus domestica)
Variety: SUNSPARK
Synonym:

Application no: 2021/070
Current status: ACCEPTED
Certificate no:
Received: 23/03/2021
Accepted: 18/01/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Li Imke GbR
Agent: Spruson & Ferguson

View the detailed description of this variety.

'SUNSPARK'

Plant Varieties Journal - Search Result Details

Blueberry (Vaccinium corymbosum)
Variety: DrisBlueSixteen
Synonym:

Application no: 2019/041
Current status: ACCEPTED
Certificate no:
Received: 14/03/2019
Accepted: 28/03/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Driscoll's Inc.
Agent: AJ Park

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

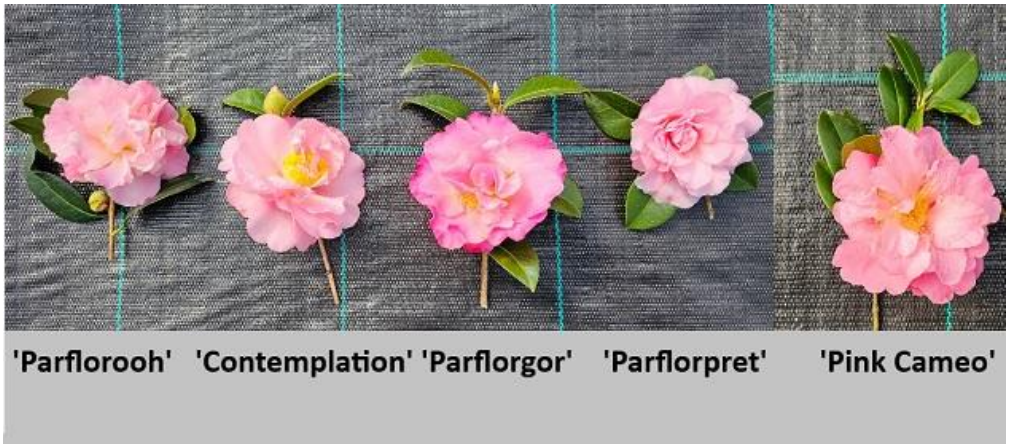
Camellia (Camellia hybrid)
Variety: Parflorooh
Synonym:

Application no: 2015/205
Current status: ACCEPTED
Certificate no:
Received: 24/07/2015
Accepted: 3/08/2015
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: The Paradise Seed Company Pty. Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

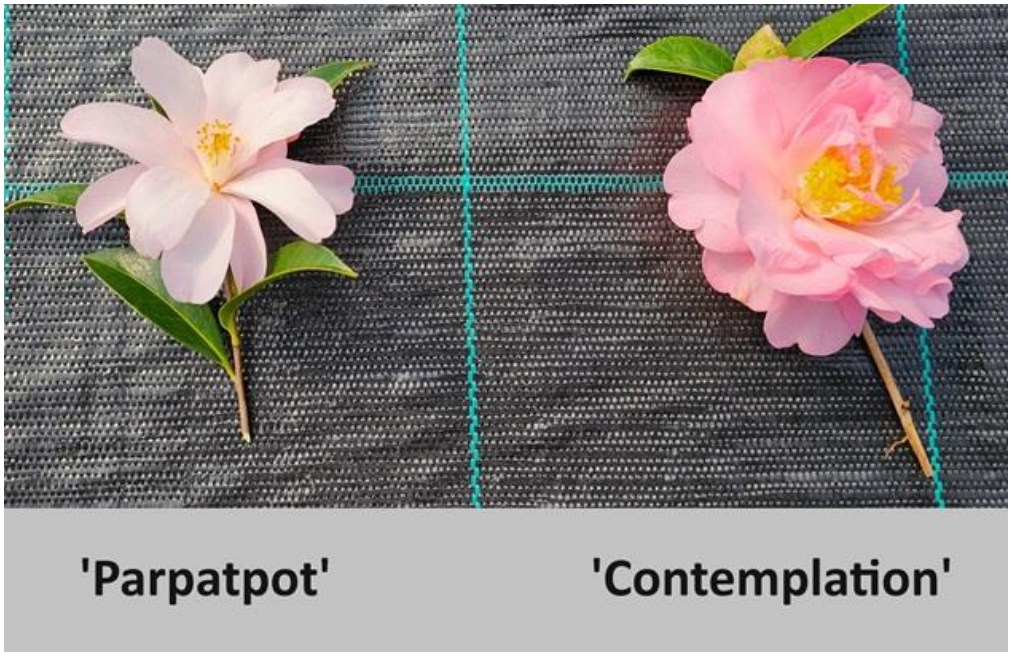
Camellia (Camellia hybrid)
Variety: Parpatpot
Synonym:

Application no: 2015/206
Current status: ACCEPTED
Certificate no:
Received: 24/07/2015
Accepted: 3/08/2015
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: The Paradise Seed Company Pty. Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

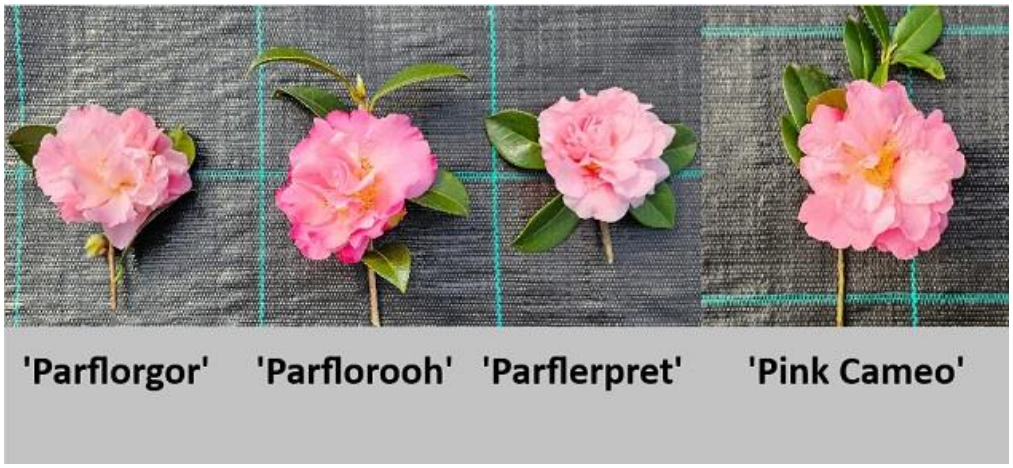
Camellia (Camellia hybrid)
Variety: Parflorgor
Synonym:

Application no: 2015/208
Current status: ACCEPTED
Certificate no:
Received: 24/07/2015
Accepted: 3/08/2015
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: The Paradise Seed Company Pty. Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

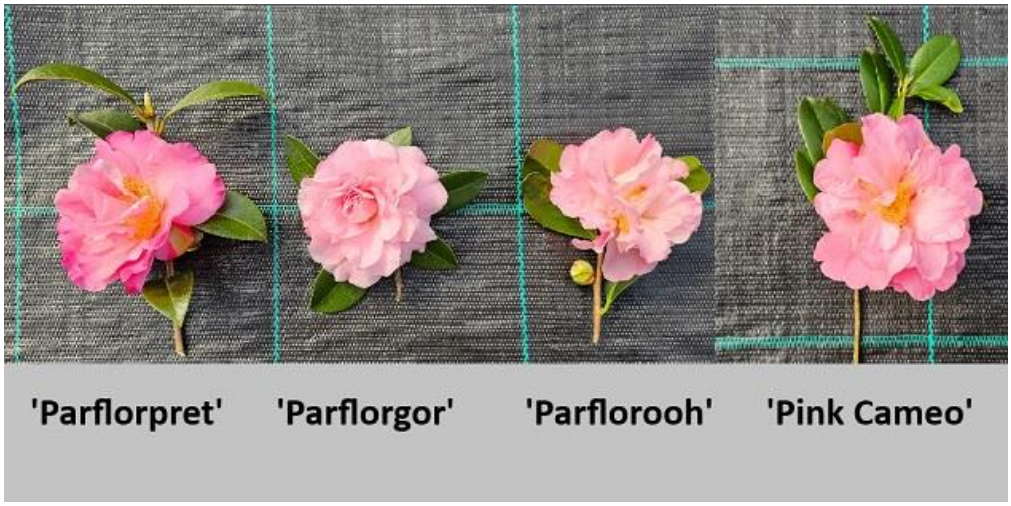
Camellia (Camellia hybrid)
Variety: Parflorpret
Synonym:

Application no: 2015/207
Current status: ACCEPTED
Certificate no:
Received: 24/07/2015
Accepted: 3/08/2015
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: The Paradise Seed Company Pty. Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

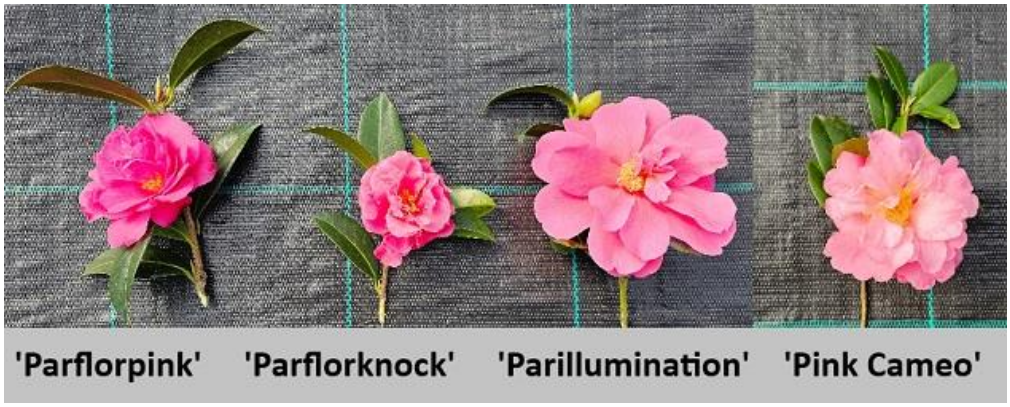
Camellia (Camellia hybrid)
Variety: Parflorpink
Synonym:

Application no: 2015/209
Current status: ACCEPTED
Certificate no:
Received: 24/07/2015
Accepted: 3/08/2015
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: The Paradise Seed Company Pty. Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Hydrangea (Hydrangea macrophylla)
Variety: Kolmaru
Synonym: Rubyred

Application no: 2016/316
Current status: ACCEPTED
Certificate no:
Received: 16/11/2016
Accepted: 20/01/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Kolster Holdings B.V.
Agent: Plants Management Australia Pty Ltd

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Indian Mustard (Brassica juncea)
Variety: AGV1014
Synonym:

Application no: 2018/273
Current status: ACCEPTED
Certificate no:
Received: 3/09/2018
Accepted: 13/03/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Agriventis Technologies Pty. Ltd.
Agent: IP Solved (ANZ) Pty Ltd

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Italian Ryegrass (Lolium multiflorum)
Variety: Manta
Synonym:

Application no: 2020/160
Current status: ACCEPTED
Certificate no:
Received: 5/08/2020
Accepted: 8/10/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Grasslands Innovation Limited
Agent:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lettuce (Lactuca sativa)
Variety: ANDIRON
Synonym:

Application no: 2020/287
Current status: ACCEPTED
Certificate no:
Received: 19/11/2020
Accepted: 20/01/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Spruson & Ferguson

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lettuce (Lactuca sativa)
Variety: STRONEX
Synonym:

Application no: 2023/024
Current status: ACCEPTED
Certificate no:
Received: 2/02/2023
Accepted: 28/03/2023
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Spruson & Ferguson

View the detailed description of this variety.

'STRONEX'

Plant Varieties Journal - Search Result Details

Oats (Avena sativa)
Variety: Willo-1
Synonym:

Application no: 2023/161
Current status: ACCEPTED
Certificate no:
Received: 3/07/2023
Accepted: 20/09/2023
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Williams Group Australia Pty Ltd
Agent:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Paper Daisy (Rhodanthe anthemoides)
Variety: Paper Girl
Synonym:

Application no: 2020/135
Current status: ACCEPTED
Certificate no:
Received: 9/07/2020
Accepted: 23/07/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Plant Growers Australia
Agent:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

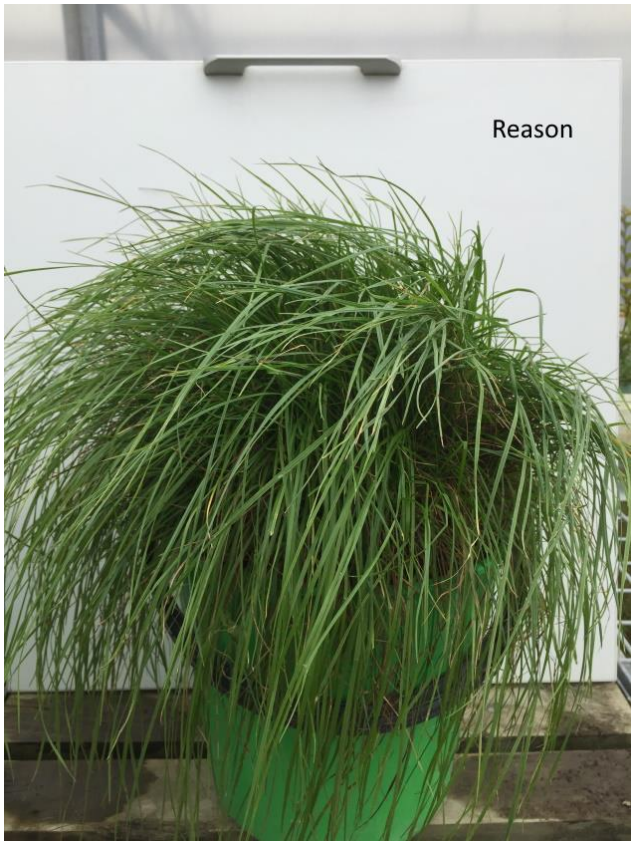
Perennial Ryegrass (Lolium perenne)
Variety: Reason
Synonym:

Application no: 2020/164
Current status: ACCEPTED
Certificate no:
Received: 13/08/2020
Accepted: 24/09/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Grasslands Innovation Limited
Agent:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Perennial Ryegrass (Lolium perenne)
Variety: Vast
Synonym:

Application no: 2020/161
Current status: ACCEPTED
Certificate no:
Received: 5/08/2020
Accepted: 21/09/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Grasslands Innovation Limited
Agent:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Raspberry (Rubus idaeus)
Variety: NN12026
Synonym:

Application no: 2022/156
Current status: ACCEPTED
Certificate no:
Received: 24/08/2022
Accepted: 12/09/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Pacific Berries LLC
Agent: The New Zealand Institute for Plant and Food Research Ltd

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)
Variety: Amante
Synonym:

Application no: 2020/299
Current status: ACCEPTED
Certificate no:
Received: 3/12/2020
Accepted: 21/01/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: New World Plants Limited
Agent: Plant Network Pty Ltd

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Spinach (Spinacia oleracea L.)
Variety: PMSP185232674
Synonym:

Application no: 2017/043
Current status: ACCEPTED
Certificate no:
Received: 28/02/2017
Accepted: 5/09/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Nunhems B.V.
Agent: Spruson & Ferguson

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Strawberry (Fragaria x ananassa)
Variety: DrisStrawFiftyEight
Synonym:

Application no: 2018/341
Current status: ACCEPTED
Certificate no:
Received: 22/11/2018
Accepted: 20/12/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Driscoll's, Inc.
Agent: AJ Park

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Strawberry (Fragaria x ananassa)
Variety: DrisStrawSixtyFive
Synonym:

Application no: 2018/300
Current status: ACCEPTED
Certificate no:
Received: 11/10/2018
Accepted: 15/11/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Driscoll's, Inc.
Agent: AJ Park

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Tomato (Solanum lycopersicum)
Variety: HN5003
Synonym:

Application no: 2019/002
Current status: ACCEPTED
Certificate no:
Received: 8/01/2019
Accepted: 1/04/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Syngenta Participations AG
Agent: Syngenta Australia Pty. Ltd.

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

White Clover (Trifolium repens)
Variety: Brace
Synonym: GWT 13039

Application no: 2019/130
Current status: ACCEPTED
Certificate no:
Received: 24/06/2019
Accepted: 9/08/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 3

Title Holder: Grasslands Innovation Limited
Agent:

View the detailed description of this variety.

Details of Application

Application Number	2020/264
Variety Name	'Moonbeam'
Genus Species	*Arthropodium cirrhatum*
Accepted Date	23 Dec 2020
Applicant	Chris Roebuck, Whenuapai, Auckland, New Zealand
Agent	Plants Management Australia Pty. Ltd., Dodges Ferry, TAS, Australia
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	PBR GEN DES
Period	March 2021 - December 2021
Conditions	Trial conducted in the open, plants propagated from division during March 2021, and transferred to 140mm pots in March 2021. 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

Open pollination: The breeder grows commercial quantities of *Arthropodium* plants for the wholesale trade in Auckland, New Zealand. This seedling selection was from seed borne on an *Arthropodium* 'Matapouri Bay' plant from which seed was harvested and sown for commercial propagation of this selection. The candidate was identified and selected in spring 2008 in the resulting seedling tray. The candidate exhibited the characteristic variegation that is absent from the maternal parent and the species generally. Breeder: Chris Roebuck, Whenuapai, 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
Plant	density of foliage	dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Te Puna'	
'Matapouri Bay'	

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

Organ/Plant Part: Context	'Moonbeam'	'Matapouri Bay'	'Te Puna'
☒ Plant: height	short	medium to tall	short

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Moonbeam'	'Matapouri Bay'	'Te Puna'
☒ Plant: vigor	weak to medium	strong	strong
☐ Plant: density of foliage	dense	dense	dense
☐ Leaf: length	medium	medium to long	medium
☒ Leaf: width	medium	medium	narrow
☐ Leaf: curvature	strongly recurved	moderately recurved	moderately recurved
☒ Leaf: variegation	present	absent	absent
☒ Leaf: distribution of variegation	irregular	absent	absent
☒ Leaf: colour of variegation of upper side	yellow white	absent	absent
☒ Leaf: predominant variegation colour (RHS Chart)	157 A	absent	absent

☒Leaf: green colour of upper side (excluding variegation)	grey green	yellow green	medium green
☒Leaf: predominant green colour (RHS Chart)	147 A+B	144 A+B	146 A
☒Leaf: undulation of blade	strong to medium	weak	absent to very weak

Prior Applications and Sales:

Country	Year	Status	Denomination
New Zealand	2018	Granted	Golden Fountain

First sold on 30 April 2019 in New Zealand

Description: Steve Eggleton, Wonga Park, VIC.

Details of Application

Application Number	2021/070
Variety Name	'SUNSPARK'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	18-Jan-2022
Applicant	Li Imke GbR, Augsburg 86167, Germany
Agent	Spruson & Ferguson, NSW 2000
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	APF 902
Location	Prüfstelle Wurzen
Descriptor	UPOV TG/14/9 2005-04-06
Period	2021 - 2022
Conditions	Unknown
Trial Design	In accordance with UPOV TG/14/9 2005-04-06
Measurements	In accordance with UPOV TG/14/9 2005-04-06
RHS Chart - edition	N/A

Origin and Breeding

Open pollination: 'SUNSPARK' was selected based on unique appearance following open pollination between parents 'Nicoter' and 'Honeycrisp' and propagated over several cycles to ensure stability and uniformity. Breeder: Gerhard Sundermeyer, Ottbergen 31174, Germany

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified

Tree	habit	spreading
Fruit	general shape	conic
Fruit	relative area of over colour	medium to large
Fruit	hue of over colour - with bloom removed	red
Fruit	pattern of over colour	flushed, striped and mottled
Flowering	time of beginning of flowering	medium to late
Eating maturity	time of eating maturity	late to very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Honeycrisp'	

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

Organ/Plant Part: Context	'SUNSPARK'	'Honeycrisp'
☐ Tree: vigour	weak to medium	
☐ *Tree: type	ramified	
☐ *Tree: habit (varieties with ramified tree type only)	spreading	
☐ Tree: type of bearing	on spurs only	
☐ One-year-old shoot: thickness	medium	
☐ *One-year-old shoot: length of internode	short to medium	
☐ One-year-old shoot: colour on sunny side	light brown	
☐ One-year-old shoot: pubescence	strong	
☒ *One-year-old shoot: number of lenticels	many	medium
☐ *Leaf blade: attitude in relation to shoot	outwards	
☐ *Leaf blade: length	medium	
☐ *Leaf blade: width	narrow to medium	

☐	*Leaf blade: ratio length/width	medium
☐	Leaf blade: intensity of green colour	medium
☐	Leaf blade: incisions of margin	crenate
☐	Leaf blade: pubescence on lower side	absent or weak
☐	*Petiole: length	medium
☐	Petiole: extent of anthocyanin colouration from base	small
☐	*Flower: predominant colour at balloon stage	yellowish pink
☐	*Flower: diameter with petals pressed into horizontal position	medium to large
☐	*Flower: arrangement of petals	intermediate
☐	Flower: position of stigmas relative to anthers	same level
☐	Young fruit: extent of anthocyanin overcolour	small
☐	*Fruit: size	medium to large
☐	*Fruit: height	tall
☐	*Fruit: diameter	medium to large
☐	*Fruit: ratio height/diameter	medium
☐	*Fruit: general shape	conic
☐	Fruit: ribbing	absent or weak
☐	Fruit: crowning at calyx end	absent or weak
☐	*Fruit: size of eye	large
☐	Fruit: length of sepal	long
☐	*Fruit: bloom of skin	moderate
☐	Fruit: greasiness of skin	absent or weak
☒	*Fruit: ground colour	whitish yellow yellow green
☐	*Fruit: relative area of over colour	medium to large

☐	*Fruit: hue of over colour – with bloom removed	red	
☐	*Fruit: intensity of over colour	medium to dark	
☐	*Fruit: pattern of over colour	flushed, striped and mottled	
☒	*Fruit: width of stripes	medium to broad	broad to very broad
☐	*Fruit: area of russet around stalk attachment	medium	
☐	Fruit: area of russet on cheeks	absent or small	
☐	*Fruit: area of russet around eye basin	absent or small	
☐	Fruit: number of lenticels	many	
☐	Fruit: size of lenticels	small	
☐	*Fruit: length of stalk	medium	
☐	*Fruit: thickness of stalk	medium	
☐	*Fruit: depth of stalk cavity	deep	
☐	*Fruit: width of stalk cavity	broad	
☐	*Fruit: depth of eye basin	medium to deep	
☐	*Fruit: width of eye basin	broad	
☐	*Fruit: firmness of flesh	firm to very firm	
☐	*Fruit: colour of flesh	cream	
☐	*Fruit: aperture of locules	closed or slightly open	
☐	*Time of: beginning of flowering	medium to late	
☐	Time for: harvest	medium to late	
☐	*Time of: eating maturity	late to very late	

Prior Applications and Sales:

Country	Year	Status	Name Applied
European Union	2018	granted	‘SUNSPARK’

Prior sales: Nil

Description: Michael Christie and Ean Blackwell, NSW 2000.

Details of Application

Application Number	2019/041
Variety Name	'DrisBlueSixteen'
Genus Species	*Vaccinium corymbosum*
Common Name	Blueberry
Accepted Date	28 Mar 2019
Applicant	Driscoll's Inc., 345 Westridge Drive, Watsonville, California 95076, USA
Agent	AJ Park, Wellington, New Zealand
Qualified Person	Jennifer Moisander

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	20200093044 P1
Location	Santa Cruz Country, CA, USA
Descriptor	Blueberry new (*Vaccinium corymbosum* L. hybrid) TG/137/5
Period	2021-2023
Conditions	Overseas data was verified under Australian conditions. "DrisBlueSixteen" was planted side by side with 'DrisBlueEighteen' in a test plot located in TAS, Australia. Trial was growing under tunnels in coir substrate. Good standard agronomic practices were employed though ourout the trial growing periods
Trial Design	Completely Randomised - with 10 plants of each variety
Measurements	Measurements taken randomly from 10 plants in the plot
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: Blueberry plant variety 'DrisBlueSixteen' was discovered in Santa Cruz County, California in 2009 and originated from a cross between the proprietary female parent Blueberry plant '127D 2' (unpatented) and the proprietary male parent Blueberry plant 'DrisBlueOne'. The original seedling of the new variety was first asexually propagated via cuttings at a nursery in Santa Cruz

County, California in 2010. 'DrisBlueSixteen' was subsequently asexually propagated via cuttings and underwent further testing at ranches in Santa Cruz County and Ventura County, California for nine years (2009 to 2017). The present variety has been found to be stable and reproduce true to type through successive asexual propagations via cuttings.

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	vigour	strong
Fruit	size	large
Plant	growth habit	upright to semi-upright
One Year old shoot	colour	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DrisBlueEighteen'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression Comments in Comparator Variety
'DrisBlueSeven'	Corolla	shape	globose	ellipsoid

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

Organ/Plant Part: Context	'DrisBlueSixteen'	'DrisBlueEighteen'
☐ Plant: vigour	strong	strong
☐ Plant: growth habit	upright	semi-upright
☐ One-year-old shoot: colour	green	green
☐ One-year-old shoot: length of internode	medium	short to medium

☐ Leaf: length	medium	medium to long
☐ Leaf: width	narrow	narrow
☐ Leaf: ratio length/width	medium	medium to high
☐ Leaf: shape	ovate	ovate
☐ Leaf: colour of upper side	dark green	dark green
☐ Leaf: margin	entire	entire
☐ Leaf: glaucosity on upper side	absent or weak	absent or weak
☒ Flower bud: anthocyanin colouration	absent or very weak	strong
☐ Inflorescence: length	medium	medium
☐ Flower: shape of corolla	globose	ovoid
☐ Flower: size of corolla tube	small to medium	medium
☐ Flower: colour of corolla tube	white	white
☐ Flower: anthocyanin colouration of corolla tube on outer side	absent or very weak	absent or very weak
☐ Flower: conspicuousness of ridges on corolla tube	medium	medium
☐ Flower: colour of receptacle	green	green
☐ Unripe fruit: intensity of green colour	light to medium	light
☐ Fruit: size	large	large
☐ Fruit: shape in longditudinal section	oblate	circular
☐ Fruit: attitude of sepals	straight	incurved
☐ Fruit: diameter of calyx basin	medium	medium
☐ Fruit: depth of calyx basin	deep	medium
☐ Fruit: intensity of bloom	strong to very strong	strong
☐ Fruit: colour of skin	dark blue	dark blue
☐ Fruit: firmness	firm	firm

☐ Fruit: sweetness	medium to high	medium
☐ Fruit: acidity	medium	low to medium
☐ Plant: fruiting type	on one-year-old and current shoots	on one-year-old shoots only
☐ Plant: time of beginning of vegetative growth	medium	medium
☐ One-year-old shoot: time of beginning of flowering	late	medium
☐ Current season's shoot: time of beginning of flowering	medium	-
☐ One-year-old shoot: time of beginning of fruit ripening	late	medium
☐ Current season's shoot: time of beginning of fruit ripening	medium	-

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2018	Granted	'DrisBlueSixteen'
Chile	2019	Granted	'DrisBlueSixteen'
EU	2018	Granted	'DrisBlueSixteen'
Mexico	2019	Granted	'DrisBlueSixteen'
New Zealand	2019	Granted	'DrisBlueSixteen'
Russia	2020	Granted	'DrisBlueSixteen'
Serbia	2019	Granted	'DrisBlueSixteen'
USA	2018	Granted	'DrisBlueSixteen'

Prior sales: Nil

Description: Jenny Moisander, Landershute Road, Palmwoods, QLD

Details of Application

Application Number	2015/205
Variety Name	'Parflorooh'
Genus Species	*Camellia* hybrid
Common Name	Camellia
Accepted Date	03-Aug-2015
Applicant	The Paradise Seed Company Pty. Limited, Kariong, NSW
Qualified Person	John Robb

Details of Comparative Trial

Location	Kulnura NSW
Descriptor	TG/275/1 Camellia
Period	2023
Conditions	plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base). All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required
Trial Design	randomised complete block
Measurements	taken from twelve plants
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in August 1997. emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 50 seed resulted from these crosses. these were harvested & sown in August 1998. 35 seedlings germinated and were raised to maturity. 'Parflorooh' first flowered in 2001 and was propagated via cuttings for further trialling. It was selected as a new variety in 2007 based on flower colour, flower timing and plant habit. Breeder: The Paradise Seed Company Pty Limited.

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	light pink
Flower	time of flowering start	early
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Contemplation'	same species used as parents, similar flower colour
'Parflorgor'	
'Pink Cameo'	same parents used as parents
'Parflorpret'	same species used as parents, similar flower colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety		State of Expression in Comparator Variety	Comments
'Parillumination'	Flower	colour	light pink	mid pink	

Guideline

Camellia (new) (DRAFT) (Camellia (excluding Camellia sinensis))

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

Organ/Plant Part: Context	'Parflorooh'	'Contemplation'	'Parflorgor'	'Parflorpret'	'Pink cameo'
☐ *Plant: growth habit	upright	upright	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent	absent	absent
☐ *Plant: density of foliage	dense	medium	dense	dense	medium
☐ *Terminal vegetative bud: number	one	one	one	one	one
☐ *Young shoot: colour	green	green	green	green	green

☒ *Leaf: attitude	outwards	upwards	upwards	upwards	outwards
☐ *Leaf: arrangement	alternate	alternate	alternate	alternate	alternate
☐ *Leaf blade: length	very long	very long	very long	very long	long to very long
☒ Leaf blade: width	very broad	very broad	very broad	broad to very broad	broad
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third	middle third	middle third
☐ *Leaf blade: shape of base	acute	acute	acute	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	short acuminate	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak	weak	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium	weak to medium	medium	medium
☐ *Leaf blade: variegation	absent	absent	absent	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green	medium green	medium green	medium green
☒ Leaf blade: shape in cross section	concave	concave	concave	concave	flat
☐ *Leaf blade: margin	serrulate	serrulate	serrulate	serrulate	serrulate
☒ *Sepal: shape	ovate	ovate	ovate	obovate	ovate
☒ *Sepal: colour of outer side	brown	yellowish green	yellowish green	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal only	terminal and axillary	terminal and axillary	terminal and axillary
☒ *Flower: diameter	very large	large to very large	large to very large	large	medium to large
☒ *Flower: form	peony form	semi-double	peony form	peony form	peony form

☐ *Flower: presence of petaloids	present	present	present	present	present
☒ *Flower: number of petaloids	few	very few	many	few	few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid	some stamens petaloid	some stamens petaloid	some stamens petaloid
☒ *Petal: shape of apex	rounded	retuse	retuse	rounded	retuse
☒ *Petal: curvature of longitudinal axis	flat	recurved	recurved	flat	recurved
☒ *Flower: shape of petals of first outer row	ovate	obcordate	obcordate	obovate	oblong
☒ *Petal: undulation of margin	strong	medium	medium	medium	medium
☐ Petal: venation	weak	weak	weak	weak	weak
☐ *Petal: main colour (RHS colour chart)	65B	75C	62B	65B	67D
☒ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	darkest in the marginal zone	evenly shaded	darkest in the marginal zone	evenly shaded
☒ *Stamens: arrangement	dispersed	tea whisk	dispersed	dispersed	dispersed
☐ *Stigma: position in relation to stamens	below	below	below	below	below
☒ *Time of: flowering	early to medium	early	early	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context		'Parflorooh'	'Contemplation'	'Parflorgor'	'Parflorpret'	'Pink Cameo'
☐ Filament :	Colour	yellowish	yellowish	yellowish	yellowish	yellowish

Prior Applications and Sales:

Nil

Description: John Robb, Kulnura, NSW

Details of Application

Application Number	2015/206
Variety Name	'Parpatpot'
Genus Species	*Camellia* hybrid
Common Name	Camellia
Accepted Date	03-Aug-2015
Applicant	The Paradise Seed Company Pty. Limited, Kariong, NSW
Qualified Person	John Robb

Details of Comparative Trial

Location	Kulnura NSW
Descriptor	TG/275/1 Camellia
Period	2023
Conditions	Plants propagated from cutting, rooted cuttings planted into 250mm pots in a soilless, commercial grade potting mix (pine bark base). All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required
Trial Design	randomised complete block
Measurements	taken from twelve plants
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination - Buds of the seed parent were emasculated in august 1997. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 45 seed resulted from these crosses. These seed were harvested & sown in august 1998. 28 seedlings germinated and were raised to maturity. 'Parpatpot' first flowered in 2001 and was propagated via cutings for further trialling. It was selected as a new variety in 2007 based on flower colour, flower form, number of flowers per plant and plant habit. Breeder: The Paradise Seed Company Pty Limited

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	form	semi double
Petal	curvature of longitudinal axis	flat to recurved
Flower	colour	light pink
Stamens	arrangement	tea whisk

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Contemplation'	same species used in parentage, most similar in flower form & flower colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Nicky Crisp'	Petal curvature of longitudinal access	recurved	incurved	
'Our Betty Variegated'	Petal variegation	absent	present	similar in flower shape, but darker in 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	'Parpatpot'	'Contemplation'
☐ *Plant: growth habit	upright	upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	dense to very dense	medium
☐ *Terminal vegetative bud: number	one	one
☐ *Young shoot: colour	green	green
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☐ *Leaf blade: length	very long	very long
☒ Leaf blade: width	medium	very broad
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium
☒ *Leaf blade: venation on upper side	medium	weak
☐ *Leaf blade: glossiness of upper side	medium to strong	medium
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ *Sepal: shape	ovate	ovate
☐ *Sepal: colour of outer side	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary

☒ *Flower: diameter	medium to large	large to very large
☐ *Flower: form	semi-double	semi-double
☒ *Flower: presence of petaloids	absent	present
☒ *Petal: shape of apex	retuse	rounded
☐ *Petal: curvature of longitudinal axis	recurved	recurved
☒ *Flower: shape of petals of first outer row	oblong	obcordate
☒ *Petal: undulation of margin	absent or weak	medium
☒ *Petal: main colour (RHS colour chart)	76C	75C
☒ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	darkest in the marginal zone
☐ *Stamens: arrangement	tea whisk	tea whisk
☐ *Stigma: position in relation to stamens	below	below
☐ *Time of: flowering	early to medium	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Parpatpot'	'Contemplation'
☐ Filament : colour	yellowish	yellowish

Prior Applications and Sales:

Nil

Description: John Robb, Kulnura, NSW

Details of Application

Application Number	2015/208
Variety Name	‘Parflorgor’
Genus Species	*Camellia* hybrid
Common Name	Camellia
Accepted Date	03-Aug-2015
Applicant	The Paradise Seed Company Pty. Limited, Kariong, NSW
Qualified Person	John Robb

Details of Comparative Trial

Location	Kulnura NSW
Descriptor	TG/275/1 Camellia
Period	2023
Conditions	Plants propagated from cutting, rooted cuttings planted into 250mm pots in a soilless, commercial grade potting mix (pine bark base). All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required
Trial Design	Randomised complete block
Measurements	taken from twelve plants
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination - Buds of the seed parent were emasculated in august 1997. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 50 seed resulted from these crosses. These were harvested & sown in august 1998. 35 seedlings germinated and were raised to maturity. 'Parflorgor' first flowered in 2001 and was propagated via cuttings for further trialling. It was selected as a new variety in 2007 based on flower colour, flower timing and plant habit. Breeder: The Paradise Seed Company Pty Limited.

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	light pink
Flower	time of flowering start	early
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Contemplation'	same species used as parents, similar flower colour
'Pink cameo'	same species used as parents, similar flower colour
'Parflorpret'	same species used as parents, similar flower colour
'Parflorooh'	same species used as parents, similar flower colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Contemplation'	Flower	form	peony	semi double	

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

Organ/Plant Part: Context	'Parflorgor'	'Parflorooh'	'Parflorpret'	'Pink Cameo'
☐ *Plant: growth habit	upright	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent	absent
☒ *Plant: density of foliage	dense	dense	dense	medium

☐ *Terminal vegetative bud: number	one	one	one	one
☐ *Young shoot: colour	green	green	green	green
☐ *Leaf: attitude	upwards	outwards	upwards	outwards
☐ *Leaf: arrangement	alternate	alternate	alternate	alternate
☐ *Leaf blade: length	very long	very long	very long	long to very long
☒ Leaf blade: width	very broad	very broad	broad to very broad	broad
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third	middle third
☐ *Leaf blade: shape of base	acute	acute	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak	weak	weak
☐ *Leaf blade: glossiness of upper side	weak to medium	medium	medium	medium
☐ *Leaf blade: variegation	absent	absent	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green	medium green	medium green
☐ Leaf blade: shape in cross section	concave	concave	concave	flat
☐ *Leaf blade: margin	serrulate	serrulate	serrulate	serrulate
☐ *Sepal: shape	ovate	ovate	obovate	ovate
☒ *Sepal: colour of outer side	yellowish green	brown	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary	terminal and axillary	terminal and axillary

☒ *Flower: diameter	large to very large	very large	large	medium to large
☐ *Flower: form	peony form	peony form	peony form	peony form
☐ *Flower: presence of petaloids	present	present	present	present
☒ *Flower: number of petaloids	many	few	few	few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid	some stamens petaloid	some stamens petaloid
☐ *Petal: shape of apex	retuse	rounded	rounded	retuse
☐ *Petal: curvature of longitudinal axis	recurved	flat	flat	recurved
☒ *Flower: shape of petals of first outer row	obcordate	ovate	obovate	oblong
☐ *Petal: undulation of margin	medium	strong	medium	medium
☐ Petal: venation	weak	weak	weak	weak
☒ *Petal: main colour (RHS colour chart)	62B	65B	65B	67D
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded	darkest in the marginal zone	evenly shaded
☐ *Stamens: arrangement	dispersed	dispersed	dispersed	dispersed
☐ *Stigma: position in relation to stamens	below	below	below	below
☒ *Time of: flowering	early	early to medium	early to medium	medium

Prior Applications and Sales:

Nil

Description: John Robb, Kulnura, NSW

Details of Application

Application Number	2015/207
Variety Name	'Parflorpret'
Genus Species	*Camellia* hybrid
Common Name	Camellia
Accepted Date	03-Aug-2015
Applicant	The Paradise Seed Company Pty. Limited, Kariong, NSW
Qualified Person	John Robb

Details of Comparative Trial

Location	Kulnura NSW
Descriptor	TG/275/1 Camellia
Period	2023
Conditions	Plants propagated from cutting, rooted cuttings planted into 250mm pots in a soilless, commercial grade potting mix (pine bark base). All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required
Trial Design	randomised complete block
Measurements	Measurements taken from 10 plants
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination - Buds of the seed parent were emasculated in august 1997. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 50 seed resulted from these crosses. These were harvested & sown in august 1998. 35 seedlings germinated and were raised to maturity. 'Parflorpret' first flowered in 2001 and was propagated via cuttings for further trialling. It was selected as a new variety in 2007 based on flower colour, flower timing and plant habit. Breeder: The Paradise Seed Company Pty Limited.

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	light pink
Flower	diameter	large
Stamens	arrangement	dispersed

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Parflorgor'	Sister seedling
'Parflorooh'	Sister seedling
'Pink Cameo'	Same parent species as candidate

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Contemplation'	Stamen	arrangement	dispersed	Tea whisk	Also different flower 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	'Parflorpret'	'Parflorgor'	'Parflorooh'	'Pink Cameo'
☐ *Plant: growth habit	upright	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent	absent
☒ *Plant: density of foliage	dense	dense	dense	medium
☐ *Terminal vegetative bud: number	one	one	one	one
☐ *Young shoot: colour	green	green	green	green
☒ *Leaf: attitude	upwards	upwards	outwards	outwards
☐ *Leaf: arrangement	alternate	alternate	alternate	alternate

☐ *Leaf blade: length	very long	very long	long to very long	long to very long
☒ Leaf blade: width	broad to very broad	very broad	broad to very broad	broad
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third	below the middle
☐ *Leaf blade: shape of base	acute	acute	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	weak to medium	medium	medium
☐ *Leaf blade: variegation	absent	absent	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green	medium green	medium green
☒ Leaf blade: shape in cross section	concave	concave	concave	flat
☐ *Leaf blade: margin	serrulate	serrulate	serrulate	serrulate
☒ *Sepal: shape	obovate	ovate	ovate	ovate
☐ *Sepal: colour of outer side	yellowish green	yellowish green	brown	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary	terminal and axillary	terminal and axillary
☒ *Flower: diameter	large	large to very large	very large	medium
☐ *Flower: form	peony form	peony form	peony form	peony form
☐ *Flower: presence of petaloids	present	present	present	present
☒ *Flower: number of petaloids	few	many	few	few

☐ Flower: petaloids	some stamens petaloid	some stamens petaloid	some stamens petaloid	some stamens petaloid
☒ *Petal: shape of apex	rounded	retuse	Rounded	retuse
☒ *Petal: curvature of longitudinal axis	flat	recurved	Flat	recurved
☒ *Flower: shape of petals of first outer row	obovate	obcordate	Ovate	oblong
☒ *Petal: undulation of margin	medium	medium	Strong	medium
☐ Petal: venation	weak	weak	Weak	weak
☒ *Petal: main colour (RHS colour chart)	65B	62B	65B	67D
☒ *Petal: intensity of shading of main colour (excluding variegation)	darkest in the marginal zone	evenly shaded	evenly shaded	evenly shaded
☒ *Petal: secondary colour (RHS colour chart)	65A	absent	absent	absent
☒ *Petal: pattern of secondary colour	striated	absent	absent	absent
☐ *Stamens: arrangement	dispersed	dispersed	dispersed	dispersed
☐ *Stigma: position in relation to stamens	below	below	below	below
☒ *Time of: flowering	early to medium	early	early to medium	medium

Prior Applications and Sales:

Nil

Description: John Robb, Kulnura, NSW

Details of Application

Application Number	2015/209
Variety Name	'Parflorpink'
Genus Species	*Camellia* hybrid
Common Name	Camellia
Accepted Date	03-Aug-2015
Applicant	The Paradise Seed Company Pty. Limited, Kariong, NSW
Qualified Person	John Robb

Details of Comparative Trial

Location	Kulnura NSW
Descriptor	TG/275/1 Camellia
Period	2023
Conditions	Plants propagated from cutting, rooted cuttings planted into 250mm pots in a soilless, commercial grade potting mix (pine bark base). All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required
Trial Design	randomised complete block
Measurements	taken from twelve plants
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in august 1997. emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 50 seed resulted from these crosses. these were harvested & sown in august 1998. 35 seedlings germinated and were raised to maturity. 'Parflorpink' first flowered in 2001 and was propagated via cutings for further trialling. it was selected as a new variety in 2007 based on flower colour, flower timing and plant habit. Breeder: The Paradise Seed Company Pty Limited.

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	pink
Flower	time of flowering start	early
Leaf	length of blade	long to very long
Flower	type	peony

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ParPink cameo'	same species used as parents in creating this hybrid
'Parillumination'	similar flower colour & growth habit
'Parflorknock'	SISTER SEEDLING, SIMILAR HABIT

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Coral delight'	Flower	time of flowering start	early to medium	very early to early	also different parent species used to create comparator
'Contemplation'	Flower	form	peony	semi double	also much paler flower 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	'Parflorpink'	'Parflorknock'	'Parillumination'	'Pink Cameo'
☐ *Plant: growth habit	upright	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent	absent
☐ *Plant: density of foliage	dense	dense	dense	medium
☐ *Terminal vegetative bud: number	one	one	one	one
☐ *Young shoot: colour	green	green	green	green
☐ *Leaf: attitude	upwards	upwards	upwards	outwards
☐ *Leaf: arrangement	alternate	alternate	alternate	alternate
☐ *Leaf blade: length	very long	very long	very long	long to very long
☐ Leaf blade: width	broad to very broad	broad to very broad	broad to very broad	broad
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third	middle third
☐ *Leaf blade: shape of base	acute	rounded	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	medium acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	medium	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	weak	weak to medium	medium
☐ *Leaf blade: variegation	absent	absent	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	dark green	medium green	medium green	medium green

☐ Leaf blade: shape in cross section	concave	concave	concave	flat
☐ *Leaf blade: margin	serrulate	serrulate	serrulate	serrulate
☐ *Sepal: shape	ovate	ovate	ovate	ovate
☐ *Sepal: colour of outer side	yellowish green	yellowish green	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary	terminal and axillary	terminal and axillary
☐ *Flower: diameter	large to very large	medium to large	large to very large	medium to large
☐ *Flower: form	peony form	peony form	peony form	peony form
☐ *Flower: presence of petaloids	present	present	present	present
☐ *Flower: number of petaloids	very few	very few	very few	few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid	some stamens petaloid	some stamens petaloid
☐ *Petal: shape of apex	retuse	rounded	rounded	retuse
☐ *Petal: curvature of longitudinal axis	recurved	recurved	flat	recurved
☐ *Flower: shape of petals of first outer row	oblong	oblong	oblong	oblong
☐ *Petal: undulation of margin	absent or weak	medium	medium	medium
☐ *Petal: main colour (RHS colour chart)	67C	58B	68A	65A
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded	evenly shaded	evenly shaded
☐ *Stamens: arrangement	dispersed	dispersed	dispersed	dispersed
☐ *Stigma: position in relation to stamens	below	below	above	below
☐ *Time of: flowering	early to medium	early to medium	early	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context		'Parflorpink'	'Parflorknock'	'Parillumination'	'Pink Cameo'
☐ Filament :	colour	pinky yellow	yellowy pink	pinky yellow	yellowish

Prior Applications and Sales:

Nil

Description: John Robb, Kulnura, NSW

Details of Application

Application Number	2016/316
Variety Name	'Kolmaru'
Genus Species	*Hydrangea macrophylla*
Common Name	Hydrangea
Synonym	Rubyred
Accepted Date	20 Jan 2017
Applicant	Kolster Holdings B.V., Boskoop, The Netherlands.
Agent	Plants Management Australia Pty Ltd, Doges Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	UPOV *Hydrangea* TG/133/5
Period	May 2020 - December 2021
Conditions	Trial conducted in the open with overhead irrigation, plants potted from tubes in May 2020, and transferred to 200mm pots. Repotting occurred in December 2020 into 250mm Pots. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: As part of a dedicated *Hydrangea* breeding program a controlled pollination was conducted in May 2006 in Boskoop, The Netherlands. Female parent 'Alpengluhen' (syn 'Glowing Alps') was crossed with breeders own non-commercial male parent code 06-099-01. From this cross the seed was raised and grown out over the following 2 years. Final selection occurred in May 2008 as a single plant selection. Selection criteria flowering habit free flowering, leaf colour dark green, flower head type flattened mop head and sterile flower colour red-purple. Breeders: Peter R Kolster - Kolster Holdings B.V., Boskoop, Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	non-climbing
Stem	colour	green
Leaf blade	variegation	absent
Inflorescence	shape	flattened to globular
Inflorescence	conspicuousness of fertile flowers	absent or weak
Sterile flower	main colour of inner side of sepals	dark pink
Plant	height	short to medium
Plant	height in relation to width	broader than tall

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LK49'	
'Kirsten'	
'Tea Time Red'	

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

Organ/Plant Part: Context	'Kolmaru'	'Kirsten'	'LK49'	'Tea Time Red'
☐ Plant: type	non-climbing	non-climbing	non-climbing	non-climbing
☐ Plant: growth habit	upright	upright	upright	upright
☐ Plant: height	short to medium	short to medium	short to medium	short to medium
☐ Plant: height in relation to width	broader than tall	broader than tall	broader than tall	broader than tall
☐ Stem: fasciation	absent	absent	absent	absent

☐ Stem: colour	green	green	green	green
☐ Stem: number of lenticels	few to medium	absent or few	absent or few	absent or few
☒ Stem: size of lenticels	large	small	medium	medium
☒ Stem: colour of lenticels	blackish	reddish	blackish	blackish
☐ Leaf blade: length	short to medium	short to medium	short to medium	short
☐ Leaf blade: width	medium	medium	medium	medium
☐ Leaf blade: lobing	absent	absent	absent	absent
☒ Leaf blade: shape	circular	ovate	circular	obovate
☐ Leaf blade: length of tip	absent or short	medium	absent or short	absent or short
☐ Leaf blade: shape of base	obtuse	obtuse	obtuse	acute
☐ Leaf blade: depth of incisions on margin	deep	deep	deep	deep
☐ Leaf blade: intensity of anthocyanin coloration	weak	absent or very weak	absent or very weak	absent or very weak
☐ Leaf blade: distribution of anthocyanin coloration	on margin	on margin	on margin	on margin
☐ Leaf blade: variegation	absent	absent	absent	absent
☒ Leaf blade: main colour	dark green	medium green	light green	medium green
☐ Leaf blade: secondary colour	none	none	none	none
☒ Leaf blade: glossiness	medium	medium	absent or weak	medium
☐ Leaf blade: shape in cross-section	concave	concave	concave	concave
☐ Petiole: colour	green	green	green	green
☐ Inflorescence: shape	flattened to globular	flattened to globular	flattened to globular	flattened to globular
☐ Inflorescence: height	medium	medium	medium	medium

☐ Inflorescence: width	medium	medium to broad	medium	medium
☐ Inflorescence: conspicuousness of fertile flowers	absent or weak	absent or weak	absent or weak	absent or weak
☐ Inflorescence: density of sterile flowers	medium	medium	medium	medium
☐ Sterile flower: diameter of calyx	medium	medium	medium	medium
☒ Sterile flower: number of sepals	3 and 4	4 and 5	4 and 5	4 and 5
☐ Sterile flower: attitude of sepals	semi-erect	horizontal	horizontal	semi-erect
☐ Sterile flower: shape of apex of sepals	pointed	pointed	pointed	pointed
☐ Sterile flower: shape of sepals in cross-section	weakly concave	flat	flat	weakly concave
☒ Sterile flower: overlapping of sepals	medium	weak	medium	medium
☐ Sterile flower: undulation of sepals	absent or weak	absent or weak	absent or weak	absent or weak
☐ Sterile flower: incisions of margin of sepals	present on some sepals	absent on all sepals	absent on all sepals	present on some sepals
☐ Sterile flower: depth of incisions of margin of sepals	shallow			shallow
☒ Sterile flower: secondary colour of inner side of sepals	brown	none	brown	none
☒ Sterile flower: distribution of secondary color of inner side of sepals	in upper half	absent	in upper half	absent
☒ Sterile flower: pattern of secondary colour of inner side of sepals	Irregular	absent	irregular	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Kolmaru'**	**'Kirsten'**	**'LK49'**	**'Tea Time Red'**

☒ Sterile Flower: main colour of inner side of sepals (RHS Colour Chart)	60 B+C	63 A	63 A+B	60 A+B
☒ Inflorescence: primary colour (RHS Chart)	60 B+C	63 A	63 A+B	60 A+B
☒ Flower: time of beginning	medium	medium		late

Prior Applications and Sales:

Country	Year	Status	Denomination
Netherlands	2012	Granted	'Kolmaru'
USA	2012	Granted	'Kolmaru'
Japan	2014	Granted	'Kolmaru'
Korea	2013	Granted	'Kolmaru'

First sold on 17 December 2012 in Netherlands.

Description: Steve Eggleton, Wonga Park, VIC.

Details of Application

Application Number	2018/273
Variety Name	'AGV1014'
Genus Species	*Brassica juncea*
Common Name	Indian Mustard
Accepted Date	13-Mar-2019
Applicant	Agriventis Technologies Pty. Ltd., North Sydney, NSW 2060
Agent	IP Solved (ANZ) Pty Ltd; Royal Exchange, NSW 1225
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD, Australia (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	TG/335/1 Brown Mustard (*Brassica juncea*)
Period	23 Jun – 19 Oct 2023
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown in crackpot tubes (23 Jun 2023) and transplanted into the field on 21 Jul 2023; weed control by pre-emergence S-metolachlor (Dual Gold®) pre-planting on 10 May 2023; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied after field planting on 24 Jul 2023 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare. Netted with a resident bee hive at early flowering (17 Aug 2023) to prevent the risk of cross-pollination to nearby canola trials. Sprayed with spirotetramat (Movento® 240 SC) to control aphids (6 Oct 2023). Supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Mini-sward rows of 2 cultivars ('AGV1014', 'AMO Common') plus second-generation plots of 'AGV1014' were arranged in 6 randomised blocks; 7 plants per 1.4 m mini-sward plot at 20 cm spacing along a single 35 m row; 0.55 m between mini-sward plots.
Measurements	Cotyledon length and width measured for 30 seedlings per variety treatment at the start of first leaf emergence (7-15 Jul 2023). Days to flowering determined progressively for each plot (14-24 Aug 2023). Measurements (five per plot) made for leaf attributes sampled from the bottom one-third of each plant (8-13 Sep 2023). Data from well-developed ripe siliques (five per plot) recorded on

	18-19 Oct 2023. Seed size determined from samples of 300 seeds per plot after sun drying. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2015 (6th edition)

Origin and Breeding

Controlled pollination and seedling selection: 'AGV1014' resulted from controlled pollination (by hand, emasculating and bagging) beginning in 2012 to develop breeding line A (60-9 x Kodak) and separately breeding line B ('PHS300' x unknown genotype). In 2014, progeny of line B (designated Perriman) were crossed with progeny of line A. Selection pressure for vigorous early growth, large plants with strong roots and no lodging, high seed yield without pod splitting, and high glucosinolate content was applied to three following generations of the final cross grown at Narrabri (NSW) with culling of reject plants (2014-16). The final selection of 'AGV1014' was made in 2016, found to be uniform and stable, and subsequently grown for seed increase. Breeder: Paul Stewart, Chatswood, NSW 2067.

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	width	medium - broad
Silique	length	medium - long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'AMO Common'	widely grown industry standard in eastern Australia

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Caza'	cotyledon width	broad	narrow to medium	PBR Application No. 2006/032; unable to source seed
'Caza'	silique length	long	short	

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

Organ/Plant Part: Context	'AGV1014'	'AMO Common'
☒ Seed: colour	blackish brown	yellow
☒ Hypocotyl: anthocyanin colouration	medium	strong
☐ Cotyledon: length	medium	medium
☒ Cotyledon: width	broad	medium
☐ Leaf: type	lobed	lobed
☐ Leaf: shape	spatulate	spatulate
☐ Leaf: attitude	horizontal	horizontal
☐ Leaf: length	medium	medium to long
☐ Leaf: width	narrow to medium	medium
☐ Leaf: length of petiole	short to medium	medium
☐ Leaf: width of petiole	medium	medium to broad
☐ Leaf blade: size of terminal lobe	large	large
☐ Leaf blade: number of lateral lobes	medium	medium to many
☐ Leaf blade: pubescence on lower side	absent or weak	absent or weak
☐ Leaf blade: anthocyanin colouration	absent or very weak	absent or very weak
☒ Leaf blade: intensity of green colour	medium to dark	light to medium
☐ Leaf blade: undulation of margin	absent or very weak	absent or very weak
☐ Leaf blade: density of incisions of margin	medium	medium
☐ Leaf blade: blistering	absent or weak	absent or weak
☐ Plant: head formation	absent	absent
☐ Plant: time of flowering	early to medium	medium

☐ Plant: height	tall	tall
☒ Silique: length	long	short to medium
☒ Silique: length of beak	long	medium
☐ Silique: width	medium	medium
☒ Silique: length of peduncle	medium	long

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AGV1014'	'AMO Common'
☒ Silique: Colour of mature green silique (RHS)	144B	141C

Statistical Table

Organ/Plant Part: Context	'AGV1014'	'AMO Common'
☐ Cotyledon: length (mm)		
Mean	7.38	7.12
Std. Deviation	0.68	1.08
Lsd/sig	0.61	ns
☒ Cotyledon: width (mm)		
Mean	13.85	11.45
Std. Deviation	1.40	1.70
Lsd/sig	1.16	$P \leq 0.01$
☒ Cotyledon: length: width ratio		
Mean	0.54	0.62
Std. Deviation	0.04	0.04
Lsd/sig	0.03	$P \leq 0.01$
☐ Plant: days from sowing to flowering		
Mean	53.17	57.00
Std. Deviation	2.56	3.58

Lsd/sig	5.34	ns
☐ Leaf: length of blade (mm)		
Mean	364.23	379.20
Std. Deviation	45.28	65.35
Lsd/sig	53.17	ns
☐ Leaf: width of blade (mm)		
Mean	208.27	227.63
Std. Deviation	26.39	28.04
Lsd/sig	30.87	ns
☐ Leaf: length: width ratio of leaf blade		
Mean	1.76	1.67
Std. Deviation	0.16	0.22
Lsd/sig	0.16	ns
☐ Leaf: length of petiole (mm)		
Mean	38.70	49.60
Std. Deviation	14.35	16.44
Lsd/sig	15.12	ns
☐ Leaf: width of petiole (mm)		
Mean	13.80	15.13
Std. Deviation	1.53	1.90
Lsd/sig	1.36	ns
☐ Leaf: number of lateral lobes		
Mean	11.63	12.60
Std. Deviation	2.58	2.51
Lsd/sig	1.84	ns
☒ Silique: length of silique (mm)		
Mean	51.20	38.43
Std. Deviation	2.20	2.33
Lsd/sig	2.98	$P \leq 0.01$

☐ Silique: width of silique (mm)		
Mean	5.10	5.04
Std. Deviation	0.21	0.23
Lsd/sig	0.20	ns
☒ Silique: length: width ratio		
Mean	10.04	7.64
Std. Deviation	0.52	0.53
Lsd/sig	0.56	P ≤ 0.01
☒ Silique: beak length (mm)		
Mean	11.35	8.38
Std. Deviation	1.02	0.98
Lsd/sig	1.15	P ≤ 0.01
☒ Silique: peduncle length (mm)		
Mean	11.22	13.70
Std. Deviation	1.10	1.41
Lsd/sig	1.11	P ≤ 0.01
☒ Seed: 1000-seed weight (g)		
Mean	4.27	3.96
Std. Deviation	0.10	0.12
Lsd/sig	0.22	P ≤ 0.01

Prior Applications and Sales: Nil

Description: Dr Donald Loch, Alexandra Hills, QLD 4161

Details of Application

Application Number	2020/160
Variety Name	'Manta'
Genus Species	*Lolium multiflorum*
Common Name	Italian Ryegrass
Accepted Date	08 Oct 2020
Applicant	Grasslands Innovation Limited, Private Bag 11008, Manawatu Mail Centre, Palmerston North 4442, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	RYG156 Grant No. 34912
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006
Period	2021 and 2022
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at Asure Quality Ltd. New Zealand.
Trial Design	as per NZ test report
Measurements	as per NZ test report
RHS Chart - edition	

Origin and Breeding

'GID15027' is a 16 plant synthetic, late heading Italian ryegrass originating from material collected from the cultivar Status crossed with plants collected from numerous old pastures in the north of New Zealand. Collections were carries out over 20 years ago and selection has progressed through many cycles for rapid establishment, winter production, disease resistance, presence and transmission of AR37 endophyte, flowering time and seed production.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties

Plant	ploidy	diploid
Plant	time of inflorescence emergence (without vernalisation)	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Avensyl'	
'Knight'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Tabu Plus'				
'Crusader'				

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

Organ/Plant Part: Context	'Manta'	'Avensyl'	'Knight'
☐ Plant: vegetative growth habit (without vernalisation)	medium		
☐ Leaf: length	medium to long		
☐ Leaf: width	broad		
☐ Leaf: intensity of green colour	medium		
☐ Plant: width	wide to very wide		
☐ Plant: vegetative growth habit (after vernalisation)	medium		
☐ Plant: height	medium to tall		
☐ *Plant: time of inflorescence emergence (after vernalisation)	medium		

☐ Plant: natural height at inflorescence emergence	medium		
☐ Plant: width at inflorescence emergence	medium		
☐ *Flag leaf: length	medium to long		
☒ *Flag leaf: width	broad	narrow to medium	medium
☐ Flag leaf: length/width ratio	low to medium		
☐ *Plant: length of longest stem, inflorescence included	medium		
☐ Plant: length of upper internode	medium		
☐ Inflorescence: length	medium		
☐ Inflorescence: number of spikelets	medium to many		
☐ Inflorescence: density	medium to dense		
☐ Inflorescence: length of outer glume on basal spikelet	short		
☐ Inflorescence: length of basal spikelet excluding awn	medium		

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Manta'	'Avensyl'	'Knight'
☐ Plant: Growth in winter	Strong		

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2020	Granted	'Manta'

Prior Sales: Nil

Description: Charlotte Tumilson, Grassland Technology Ltd., New Zealand.

Details of Application

Application Number	2020/287
Variety Name	'ANDIRON'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Accepted Date	20 Jan 2021
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., DE LIER, The Netherlands
Agent	Spruson & Ferguson, Sydney, NSW
Qualified Person	Ean Blackwell
Author of Description	Timothy March and Ean Blackwell

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA4305
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlans
Descriptor	TP/13/6 Rev
Period	2020
Conditions	In the open
Trial Design	In accordance with TP/13/6 The variety has been tested in 2020 in 2 independent trials.
Measurements	In accordance with TP/13/6
RHS Chart - edition	n/a

Origin and Breeding

A modified line and a pedigree selection method was used to select 'Andiron' out of a cross between POLYGON and Internal RZ Breeding Line 684733 with advanced resistance to *Bremia lactucae* and a stronger red colour.

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	Resistance to *Bremia lactucae*	present
Plant	type	multi-divided type
Plant	type of culture	In the open
Seed	colour	white
Leaf	anthocyanin coloration	present
Plant	time of beginning of bolting	very late
	Resistance to *Bremia lactucae* Isolate Bl:16EU	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Paddington'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Polygon'	Plant	Resistance to *Bremia lactucae* Isolate BL:34EU-36EU	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	'ANDIRON'	'Paddington'
☐ *Seed: colour	white	
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	
☐ *Plant: diameter	small to medium	small to medium
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	very weak	

☐	Leaf: thickness	very thin	
☐	Leaf: attitude at harvest maturity	semi-erect	
☐	*Leaf: anthocyanin colouration	present	present
☒	*Leaf: intensity of anthocyanin colouration	strong	strong to very strong
☐	Leaf: glossiness of upper side	medium to strong	
☐	*Leaf: blistering	absent or very weak	
☒	*Leaf blade: degree of undulation of margin	strong	strong to very strong
☐	Leaf blade: venation	flabellate	
☐	Axillary: sprouting	absent or very weak	
☐	*Time of: beginning of bolting under long day conditions	very late	
☐	*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	
☐	Resistance to: downy mildew (*Bremia* lactucae) Isolate Bl:17	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	
☐	Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	
☐	Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	
☐	Resistance to: *Nasonovia ribisnigri* biotype Nr:0	present	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'ANDIRON'	'Paddington'
☐ Resistance to: *Downy mildew* Isolate Bl:30	present	
☐ Resistance to: *Downy mildew* Isolate Bl:31	present	
☐ Resistance to: *Downy mildew* Isolate Bl:32	present	
☐ Resistance to: *Downy mildew* Isolate Bl:33	present	
☐ Resistance to: *Downy mildew* Isolate Bl:34	present	
☐ Resistance to: *Downy mildew* Isolate Bl:35	present	
☐ Resistance to: *Downy mildew* Isolate Bl:29	present	
☐ Resistance to: *Downy mildew* Isolate Bl:36	present	
☐ Resistance *to Bremia lactucae*: isolate Bl: 35EU	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'ANDIRON'
UK	2019	Applied	'ANDIRON'
The Netherlands	2019	Grante	'ANDIRON'

First sold in the UK in Sep 2020 and in Australia Nov 20219

Description: Timothy March, Rijk Zwaan Australia Pty. Ltd, VIC and Ean Blackwell, Sydney, NSW

Details of Application

Application Number	2023/024
Variety Name	'STRONEX'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Accepted Date	28-Mar-2023
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., Burgemeester Crezeelaan 40, 2678 KX De Lier, Netherlands
Agent	Spruson & Ferguson, NSW 2000
Qualified Person	Ean Blackwell

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, NL
Overseas Data Reference Number	SLA4541
Location	Naktuinbouw, Roelofarendsveen, Netherlands
Descriptor	TP/13/6 Rev d.d. 15-02-2019
Period	2021
Conditions	In the open
Trial Design	In accordance with TP/13/6 Rev d.d. 15-02-2019
Measurements	In accordance with TP/13/6 Rev d.d. 15-02-2019
RHS Chart - edition	Nil

Origin and Breeding

Controlled-pollination: Controlled pollination was used to develop the variety: 'Stronex' is a pure line variety, derived from a single cross between internal Rijk Zwaan proprietary breeding line 683212 and internal Rijk Zwaan proprietary breeding line 138342, followed by five subsequent cycles of selection and selfing. During the selection process, the best plants were selected due to the desired agronomic characteristics, which were resistance to *Bremia lactucae* and delayed wound induced discoloration of the leaves (KNOX-trait). Breeder: Rijk Zwaan Lettuce breeding department, Rijk Zwaan Zaadteelt en Zaadhandel B.V., Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	multi-divided type
Culture	type	in the open
Seed	colour	white
Leaf	anthocyanin coloration	strong to very strong
Bolting	time of beginning of bolting	very late
Resistance to *Bremia lactucae*	isolate Bl: 16EU	present
Resistance to *Bremia lactucae*	isolate Bl: 29EU	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Prodigio'	

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

Organ/Plant Part: Context	'STRONEX'	'Prodigio'
☐ Seed: colour	white	
☐ Plant: diameter	small to medium	
☐ Plant: degree of overlapping of upper part of leaves	absent or weak	
☐ Plant: number of leaves	medium	
☐ Leaf: attitude	semi-erect	
☐ Leaf: number of divisions	many to very many	
☐ Leaf: anthocyanin colouration	strong to very strong	
☒ Leaf: hue of anthocyanin colouration	brownish	reddish
☐ Leaf: area covered by anthocyanin colouration	large	

☐ Leaf: glossiness of upper side	medium to strong
☐ Leaf: thickness	very thin
☐ Leaf: blistering	absent or very weak
☐ Leaf: undulation of margin	weak to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'STRONEX'	'Prodigio'
☒ **Leaf: density of incisions of margin**	dense	medium to dense
☐ **Bolting: time of beginning of bolting**	very late	
☐ **Stem: axillary sprouting**	absent or weak	
☐ **Bolting stem: fasciation**	absent or very weak	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 16EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 17EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 20EU**	present	
☐ **Leaf: venation**	flabellate	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 21EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 22EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 23EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 24EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 25EU**	present	
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 26EU**	present	

☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 27EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 29EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 30EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 31EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 32EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 33EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 35EU**	present
☐ **Resistance: resistance to *Bremia lactucae* (Bl) isolate Bl: 36EU**	present
☐ **Resistance: resistance to *Lettuce mosaic virus* (LMV) *pathotype II***	present
☐ **Resistance: resistance to *Nasonovia ribisnigri (Nr) biotype Nr*: 0**	present

Prior Applications and Sales:

Country	Year	Status	Name Applied
Netherlands	**2020**	**granted**	'Stronex'
European Union	**2021**	**granted**	'Stronex'
United Kingdom	**2022**	**applied**	'Stronex'

First sold in Aug 2021 in Belgium.

Description: Ean Blackwell, NSW 2000

Details of Application

Application Number	2023/161
Variety Name	'Willo-1'
Genus Species	*Avena sativa*
Common Name	Oats
Accepted Date	20-Sep-2023
Applicant	Williams Group Australia Pty Ltd, Murwillumbah, NSW 2484
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD, Australia (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	TG/20/11 PBR Oats (NEW) (*Avena sativa*)
Period	15 Apr – 3 Oct 2023
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown in crack pot tubes (15 Apr 2023) and transplanted into their field positions on 9 May 2023; weed control by S-metolachlor (Dual Gold®) applied after field planting on 10 May 2023; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied after planting on 9 May 2023 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare. Supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Mini-sward rows of 3 cultivars ('Willo-1', 'Blackbutt', 'Taipan') plus second-generation plots of 'Willo-1' arranged in 6 randomised blocks; 7 positions per 1.4 m mini-sward plot planted 20 cm apart along a single 48 m row; 0.55 m between mini-sward plots.
Measurements	Days to flowering determined progressively for each plot (5 Sep - 3 Oct 2023) based on a minimum of 3 fully exserted inflorescences. Rust ratings (1=absent or very slight, 9=very severe) made on 13 Sep 2023. Mature sward leaf height recorded (2 per plot) on 26 Sep 2023. Measurements (five per plot) made on mature reproductive culms to record length to the base of the inflorescence, number of culm nodes, mean stem diameter (average of second basal internode and the top internode below the peduncle), peduncle length and diameter below the inflorescence, sheath length plus blade length and width for flag leaf and third leaf from the top, inflorescence length and number of panicle nodes, and mean length of 2 glumes (28 Sep – 3 Oct 2023). Field trial terminated on 3 October following destruction of the

	ripening seed crop by birds (corellas). Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2015 (6th edition)

Origin and Breeding

Recurrent Mass Selection: Seed of 'Blackbutt' (an F4 directed bulk type released from Glen Innes Research Station in 1975[1]) was supplied from the Research Station to the breeder shortly after its release. This was the exclusive source of oats grown by the breeder for >25 recurrent growing cycles (i.e. sow, harvest, resow, etc) and has remained the exclusive source of oats sown on the late breeder's family property "Brunswick" at Dundee (NSW). Recognition that the current genetic population (designated 'Willo-1') differed from the original 'Blackbutt' in terms of leafiness, disease resistance and local adaptation led to field trials in 2021 and 2022 at Lowood and Bundaberg (QLD) that confirmed morphological differences from current commercial oats varieties and demonstrated its superior agronomic performance relative to those comparators. Breeder: John Burridge WARD (deceased), “Brunswick”, Dundee, NSW.

[1] Guerin , P.M. (2005) ‘Development of High-Vigour Oat Varieties in Australia’, https://www.slideshare.net/Turloughg/development-of-high-vigour-oat-varieties-in-australia .

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	width	wide – very wide

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Blackbutt’	Parent variety; an F4 directed bulk type released from Glen Innes Research Station in 1975
‘Taipan’	Application no. 2000/299 (Expired); reputedly the currently grown cultivar with the widest leaves

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Wizard’	leaf width	wide to very wide	medium	PBR Application No. 2014/068
‘Brigalow’	leaf width	wide to very wide	medium	PBR Application No. 2017/139

'Outback'	leaf width	wide to very wide	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	'Willo-1'	'Blackbutt'	'Taipan'
☐ Seed: colour of lemma	yellow	yellow	yellow
☐ Plant: growth habit	erect to semi-erect	erect to semi-erect	erect
☐ Lowest leaves: hairiness of sheaths	absent or weak	absent or weak	absent or weak
☐ Leaf blade: hairiness of margins	absent or very weak	absent or very weak	absent or very weak
☐ Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low
☒ Panicle: time of emergence	medium	late	medium
☐ Stem: hairiness of uppermost node	absent or very weak	absent or very weak	absent or very weak
☐ Flag leaf: glaucosity of sheath	absent or weak	absent or weak	absent or weak
☐ Glume: glaucosity	absent or very weak	absent or very weak	absent or very weak
☐ Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
☒ Glume: length	medium to long	short to medium	short
☐ Primary grain: glaucosity of lemma	absent or very weak	absent or very weak	absent or very weak
☒ Plant: length	medium to long	short to medium	medium to long
☒ Panicle: length	medium	short	long to very long
☐ Grain: husk	present	present	present
☐ Primary grain: hairiness of base	absent or weak	absent or weak	absent or weak
☐ Primary grain: frequency of awns	absent or low	absent or low	high
☐ Primary grain: length of lemma	medium to long	medium	medium
☐ Primary grain: length of rachilla	short	short	short

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Willo-1'	'Blackbutt'	'Taipan'
☒ Plant: basal tillering (density)	strong to very strong	medium to strong	very weak to weak
☒ Plant: thickness (diameter) of culm	thick	thin to medium	thick
☒ Flag leaf blade: length	medium	short	medium
☐ Flag leaf blade: width	medium to wide	narrow to medium	wide to very wide
☐ Leaf blade: length	long	medium to long	long
☐ Leaf blade: width	wide to very wide	wide	wide to very wide
☒ Plant: intensity of leaf rust disease	slight to medium	severe	severe

Statistical Table

Organ/Plant Part: Context	'Willo-1'	'Blackbutt'	'Taipan'
☒ Plant: days from sowing to flowering			
Mean	147.50	165.33	149.83
Std. Deviation	2.51	6.47	5.64
Lsd/sig	6.86	P ≤ 0.01	ns
☒ Plant: rust rating (1-9)			
Mean	3.67	7.50	7.50
Std. Deviation	0.52	0.55	0.55
Lsd/sig	0.90	P ≤ 0.01	P ≤ 0.01
☒ Plant: height of mature leaf canopy (cm)			
Mean	129.58	109.25	136.25
Std. Deviation	8.24	4.55	8.89
Lsd/sig	13.74	P ≤ 0.01	ns
☒ Mature reproductive culm: no. of nodes			
Mean	7.03	9.83	8.07

Std. Deviation	1.03	1.80	0.79
Lsd/sig	1.60	P ≤ 0.01	ns
☒ Mature reproductive culm: length (cm)			
Mean	111.37	100.87	126.70
Std. Deviation	9.19	10.63	12.95
Lsd/sig	9.54	P ≤ 0.01	P ≤ 0.01
☒ Mature reproductive culm: mean stem diameter (mm)			
Mean	7.69	5.53	7.35
Std. Deviation	0.67	0.72	0.90
Lsd/sig	0.86	P ≤ 0.01	ns
☒ Peduncle: length (cm)			
Mean	32.34	23.89	29.38
Std. Deviation	6.09	6.16	7.18
Lsd/sig	5.70	P ≤ 0.01	ns
☒ Peduncle: diameter (mm)			
Mean	4.04	2.56	4.10
Std. Deviation	0.69	0.75	0.75
Lsd/sig	0.70	P ≤ 0.01	ns
☐ Flag leaf: sheath length (mm)			
Mean	268.50	272.87	268.73
Std. Deviation	23.36	43.40	33.17
Lsd/sig	29.64	ns	ns
☒ Flag leaf: length of blade (mm)			
Mean	271.30	177.50	279.40
Std. Deviation	66.91	38.00	59.52
Lsd/sig	50.33	P ≤ 0.01	ns
☒ Flag leaf: width of blade (mm)			
Mean	25.73	20.33	30.20
Std. Deviation	4.34	3.09	4.26

Lsd/sig	3.63	P ≤ 0.01	P ≤ 0.01
☐ Flag leaf: length: width ratio			
Mean	10.64	8.91	9.31
Std. Deviation	2.36	2.54	1.94
Lsd/sig	2.08	ns	ns
☒ Leaf 3: sheath length (mm)			
Mean	166.03	154.67	195.87
Std. Deviation	17.14	15.61	23.98
Lsd/sig	18.90	ns	P ≤ 0.01
☐ Leaf 3: length of blade (mm)			
Mean	432.77	367.13	446.57
Std. Deviation	86.30	43.48	83.37
Lsd/sig	67.25	ns	ns
☐ Leaf 3: width of blade (mm)			
Mean	19.00	17.13	19.13
Std. Deviation	3.88	3.61	2.52
Lsd/sig	4.15	ns	ns
☐ Leaf 3: length: width ratio			
Mean	23.69	22.69	23.85
Std. Deviation	6.60	7.06	5.85
Lsd/sig	6.50	ns	ns
☒ Inflorescence: length (mm)			
Mean	336.83	267.83	535.10
Std. Deviation	57.33	44.75	115.21
Lsd/sig	64.39	P ≤ 0.01	P ≤ 0.01
☐ Inflorescence: no. of panicle nodes			
Mean	9.17	9.67	9.37
Std. Deviation	0.70	1.06	0.56
Lsd/sig	0.60	ns	ns

☒Glume: length (mm)

Mean	25.89	23.08	22.29
Std. Deviation	2.22	6.47	1.11
Lsd/sig	3.07	ns	P ≤ 0.01

Prior Applications and Sales: Nil

Description: Dr Donald Loch, Alexandra Hills, QLD 4161

Details of Application

Application Number	2020/135
Variety Name	Paper Girl
Genus Species	*Rhodanthe anthemoides*
Common Name	Paper Daisy
Accepted Date	23 Jul 2020
Applicant	Plant Growers Australia, Wonga Park, VIC
Agent	Plants Management Australia Pty. Ltd., Dodge Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	PBR RHOD Rhodanthe (*Rhodanthe anthemoides*)
Period	February 2021 - September 2021
Conditions	Trial conducted in the open, plants propagated from cuttings during February 2021, transferred from plugs to 140mm pots in April 2021. 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 occurred with the maternal parent 'Paper Cascade' in September 2015 as part of a breeding program to produce a selection with a vigorous, mounding plant habit and a high flower volume. Seedlings were raised in February 2016 and grown to flowering maturity spring 2016. At this time several initial selections were made in a range of habits and subsequently grown on for a further 12 months. Two selections were identified in September 2017, propagated and further trilled until September 2018. In October 2018 a final selection was made (IB607-1) fulfilling the breeding program criteria. All subsequent generations have remained uniform and stable.

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

Organ/Plant Part	Context	
Stem	attitude	erect to semi-erect
Bud	ground colour	white
Bud	anthocyanin colouration	present
Involucre	number of bracts	medium to many
Involucral bract	shape of apex	acute
Plant	beginning of flower	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Paper Cascade'	
'Paper Star'	
'Southern Stars'	

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

Organ/Plant Part: Context	'Paper Girl'	'Paper Cascade'	'Paper Star'	'Southern Star'
☒ Plant: growth habit	bushy	spreading	bushy	bushy
☒ Plant: density	dense	dense	very dense	medium
☐ Stem: attitude	erect	erect to semi-erect	erect	erect
☐ Leaf: colour of upper side	medium green	dark green	light green	medium green
☐ Bud: ground colour (RHS colour chart)	NN155A	NN155A	NN155B	NN155B
☒ Flower head: diameter	Large (>20 mm)	large	medium (10-20 mm)	large
☒ Flower head: shape from above	rounded	star-shaped	star-shaped	rounded
☐ Involucre: number of bracts	many (31-40)	many	medium (10-20)	many

☐ Involucre bract: colour (RHS colour chart)	NN155C	NN155C	NN155C	NN155C
☐ Time off: beginning of flowering	medium	medium to late	early to medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Paper Girl'	'Paper Cascade'	'Paper Star'	'Southern Star'
☒ Bud: shape of tip	pointed	very pointed	very pointed	round
☐ Bud: anthocyanin colouration	present	present	present	present
☒ Bud: area of anthocyanin colouration (mature buds)	large	large to very large	small to very small	medium
☒ Bud: anthocyanin colour (RHS colour chart)	60B	61A	ca 59D	58A
☐ Flower head: shape in profile	cupped to flat	flat	flat	cupped
☒ Involucral bract: solidness of colour	solid	solid	solid	translucent
☐ Involucral bract: shape of apex	broadly acute	narrowly acute	narrowly acute	broadly acute
☐ Involucral bract: shape	elliptic	lanceolate	lanceolate	elliptic
☒ Involucral bract: degree of reflexing	strong to medium	weak	weak	very strong

Prior Applications: Nil

First sold on 24 July 2012 in Australia.

Description: Steve Eggleton, Wonga Park, VIC.

Details of Application

Application Number	2020/164
Variety Name	'Reason'
Genus Species	*Lolium perenne*
Common Name	Perennial Ryegrass
Accepted Date	24 Sep 2020
Applicant	Grasslands Innovation Limited, Lincoln, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	RYG159 Grant No. 34991
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006
Period	2021 and 2022
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at Asure Quality Ltd. New Zealand.
Trial Design	as per NZ test report
Measurements	as per NZ test report
RHS Chart - edition	n/a

Origin and Breeding

Open pollination: In 2015, three breeding lines were developed from elite New Zealand and world-wide sources, including 'Request' and 'Platform'. These pools had been subject to over 5 cycles of recurrent selection. Plants were selected for seasonal growth, disease resistance, flowering behaviour and endophyte presence. After selection and clonal evaluation 5 elite plants were selected from these breeding lines and polycrossed to form the synthetic line 'GPD15033'.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Excess'	
'XTM'	

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

Organ/Plant Part: Context	'Reason	'Excess	'XTM
☐ Plant: vegetative growth habit (without vernalisation)	semi-erect to medium		
☐ Leaf: length	short to medium		
☐ Leaf: width	narrow to medium		
☐ Leaf: intensity of green colour	light to medium		
☐ Plant: width	medium to wide		
☐ Plant: vegetative growth habit (after vernalisation)	semi-erect		
☐ Plant: height	medium to tall		
☒ *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	early to medium		early
☒ Plant: natural height at inflorescence emergence	short to medium	short	
☐ Plant: width at inflorescence emergence	medium to wide		

☐ *Flag leaf: length	medium to long
☐ *Flag leaf: width	narrow to medium
☐ Flag leaf: length/width ratio	medium to high
☐ *Plant: length of longest stem, inflorescence included	short to medium
☐ Plant: length of upper internode	medium
☐ Inflorescence: length	short to medium
☐ Inflorescence: number of spikelets	few
☐ Inflorescence: density	medium to dense
☐ Inflorescence: length of outer glume on basal spikelet	medium
☐ Inflorescence: length of basal spikelet excluding awn	medium to long

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Reason'**	**'Excess'**	**'XTM'**
☐ Plant: Growth in winter	medium to strong		

Prior Applications and Sales:

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

Prior Sales: Nil

Description: Charlotte Tumilson, Grassland Technology Ltd., New Zealand.

Details of Application

Application Number	2020/161
Variety Name	'Vast'
Genus Species	*Lolium perenne*
Common Name	Perennial Ryegrass
Accepted Date	21 Sep 2020
Applicant	Grasslands Innovation Limited, Private Bag 11008, Manawatu Mail Centre, Palmerston North 4442, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	RYG157 Grant No 34914
Location	Lincoln, New Zealand
Descriptor	TG/4/8 2006
Period	2021 and 2022
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at AsureQuality Ltd, Lincoln, New Zealand.
Trial Design	As per NZ test report
Measurements	Measurements from all available plants
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'BQTII' was subjected to 2 selection cycles, primarily delaying emergence by about 3 days in each cycle. 'Abercraigs' was subjected to 3 selection cycles, and the other 2 breeding lines to 1 cycle each, all primarily focused on disease, and performance under grazing. All the cycles were of about 18 months in duration, and subjected to hard sheep grazing. The late selection from 'BQTII' was crossed with the other 3 selected lines, seed multiplied to synII and then 4 further selection cycles were undertaken, under the same conditions described above. The pool was inoculated with AR37 between cycles 2 and3. At the end of cycle 3, and candidate variety (KLp1001) was formed and tested. A further selection cycle (cycle 4) was undertaken on KLp1001. 7 elite genotypes were cloned and sown in clonal rows. 2 were removed before flowering, and 2 further after flowering, leaving a 3 female, 5 male candidate variety, tested under breeders code GPT12001 AR37.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Magnif'	
'VA1941'	

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

Organ/Plant Part: Context	'Vast'	'Magnif'	'VA1941'
☐ Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate		
☐ Leaf: length	short to medium		
☐ Leaf: width	narrow to medium		
☐ Leaf: intensity of green colour	dark		
☐ Plant: width	medium to wide		
☐ Plant: vegetative growth habit (after vernalisation)	semi-prostrate		
☐ Plant: height	short		
☐ *Plant: time of inflorescence emergence (after vernalisation)	late to very late		
☐ Plant: natural height at inflorescence emergence	short		
☐ Plant: width at inflorescence emergence	medium to wide		

☒ *Flag leaf: length	medium	medium to long	
☐ *Flag leaf: width	narrow to medium		
☐ Flag leaf: length/width ratio	medium		
☐ *Plant: length of longest stem, inflorescence included	short to medium		
☐ Plant: length of upper internode	medium		
☐ Inflorescence: length	medium		
☐ Inflorescence: number of spikelets	few		
☐ Inflorescence: density	lax to medium		
☐ Inflorescence: length of outer glume on basal spikelet	long to very long		
☒ Inflorescence: length of basal spikelet excluding awn	medium to long	long	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Vast'**	**'Magnif'**	**'VA1941'**
☐ Plant: Growth in winter	Medium		

Prior Applications and Sales:

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

Prior Sales: Nil

Description: Charlotte Tumilson, Grassland Technology Ltd., New Zealand.

Details of Application

Application Number	2022/156
Variety Name	'NN12026'
Genus Species	*Rubus idaeus*
Common Name	Raspberry
Accepted Date	12 Sep 2022
Applicant	Pacific Berries LLC, 1064 Birch Bay, Lynden Road, Linden, WA, USA
Agent	The New Zealand Institute for Plant and Food Research Ltd, Mount Albert Road, Auckland, New Zealand
Qualified Person	Elizabeth Kitson

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	20163072
Location	Bundessortenamt
Descriptor	UPOV TG/43/7 09/04/2003
Period	2018 - 2019
Conditions	grown under outdoor conditions
Trial Design	plants of the candidate were observed along side comparator plants and reference variety plants
Measurements	Observations taken from a minimum of 10 plants or plant parts taken off each of the ten plants.
RHS Chart - edition	NA

Origin and Breeding

'NN12026' was selected from a population of seedlings derived from a controlled cross carried out in 2009 between NR19 (seed parent) and ZN06017 (pollen parent). The original plant of the new variety was selected in 2012, based on its dwarf character, spineless cane and fruit quality. In 2014 'NN12026' was asexually propagated in Lynden, Washington, USA by root division and the original seedling plant was divided to form a 2-plant observation plot. Further propagation was carried out by tissue culture and replicated trials were established in 2016. The plant is not suited to commercial fruit production but is well suited to ornamental uses such as in the home garden and containers.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Very young shoot	anthocyanin coloration of apex during rapid growth	present
Spines	presence	absent
Fruit:	colour	medium red
Fruit:	main bearing type	only on previous seasons´s cane in summer
Varieties which fruit on previous season's cane in summer:	Time of beginning of fruit ripening on previous season's cane	late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'NR7'	

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

Organ/Plant Part: Context	NN12026	NR7
☐ Plant: habit	upright	
☐ *Plant: number of current season's canes	many	
☐ *Very young shoot: anthocyanin colouration of apex during rapid growth	present	
☐ *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	strong	
☐ Current season's cane: bloom	strong	
☐ Current season's cane: anthocyanin colouration	absent or very weak	
☐ Current season's cane: length of internode	very short to short	
☐ Current season's cane: length of vegetative bud	short to medium	

☒ *Dormant cane: length (varieties which fruit on previous season's cane in summer)	short to medium	very short to short
☒ *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	purplish brown	greyish brown
☐ *Spines: presence	absent	
☐ *Leaf: green colour of upper side	medium to dark	
☒ *Leaf: predominant number of leaflets	five	three
☐ Leaf: profile of leaflets in cross section	concave	
☐ *Leaf: rugosity	medium	
☐ Leaf: relative position of lateral leaflets	overlapping	
☐ Terminal leaflet: length	short to medium	
☐ Terminal leaflet: width	medium	
☐ Pedicel: number of spines	absent or very few	
☐ *Peduncle: presence of anthocyanin colouration	present	
☐ *Peduncle: intensity of anthocyanin colouration	medium to strong	
☐ Flower: size	medium to large	
☐ Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	
☐ *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long	
☐ *Fruit: length	long	
☐ *Fruit: width	broad	
☐ *Fruit: ratio length/width	medium to large	
☐ *Fruit: general shape in lateral view	broad conical	
☐ Fruit: size of single drupe	large to very large	
☐ *Fruit: colour	medium red	
☐ Fruit: glossiness	weak to medium	

☐ *Fruit: firmness	medium to firm
☐ Fruit: adherence to plug	medium
☐ *Fruit: main bearing type	only on previous year's cane in summer
☐ *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	medium
☐ *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium
☐ *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	late
☐ Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	medium to long

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2018	Granted	'NN12026'
EU	2016	Granted	'NN12026'
Switzerland	2022	Granted	'NN12026'
USA	2017	Granted	'NN12026'

First sold in Germany in September 2018

Description: Elizabeth Kitson, New Zealand Institute for Plant and Food Research**, Motueka**, New Zealand

Details of Application

Application Number	2020/299
Variety Name	'Amante'
Genus Species	*Salvia* hybrid
Common Name	Sage
Accepted Date	21 Jan 2021
Applicant	New World Plants Limited, Court Farm. Mansell Gamage, Hereford, UK
Agent	Australian Perennial Growers Pty Ltd., Arcadia, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Arcadia, NSW
Descriptor	PBR SALV 2
Period	summer 2020-2021
Conditions	Trial conducted open beds, rooted cuttings planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen plants of each variety arranged in a completely randomised design.
Measurements	From ten plants at random
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: seed parent *Salvia* x *westerae* `Petra` x pollen parent *S*. *guaranitica* `Black & Blue` in 2015. The seed parent is characterised by an absence of dark calyx coloration, medium leaf width and medium flower number. The pollen parent is characterised by a purple flower colour. Selection took place at Mar del Plata, Argentina, in 2017. Selection criteria: attractive flower, red pink flower colour combined with dark calyces, early and long flowering. Propagation: vegetatively reproduced plants from cuttings are found to be uniform and stable. Breeders: Rodney Richards, Great Britain and Rolando Uria, Argentina.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to bushy
Leaf	shape	ovate
Leaf	presence of variegation	absent
Calyx	anthocyanin colouration	present
Corolla	predominant colour	red purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Wendy's Wish	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Amistad'	Corolla colour red purple		purple	
'Black & Bloom'	Corolla colour red purple		purple	
'Fashion Burgundy'	Corolla colour red purple		burgundy red	
'Roman Red'	Corolla colour red purple		red	

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

Organ/Plant Part: Context	'Amante'	'Wendy's Wish'
☐ *Plant: growth habit	upright to bushy	upright to bushy
☐ *Plant: density	medium	sparse to medium

☒ Stem: anthocyanin colouration	weak	strong
☐ Leaf: shape	ovate	ovate
☐ Leaf: shape of apex	acuminate	acuminate
☒ Leaf: shape of base	cordate	cuneate
☐ Leaf: incision of margin	present	present
☐ Leaf: depth of incision	shallow	shallow
☐ Leaf: type of incision	toothed	toothed
☐ Leaf: undulation of the margin	absent to very weak	absent to very weak
☒ Leaf: prominance of venation	strong	medium
☐ Leaf: glossiness of upper side	weak	weak
☐ Leaf: presence of variegation	absent	absent
☐ Leaf: predominant colour of upper side (RHS colour chart)	137B	NN137C
☐ Inflorescence: number of flowers per node	1, 2 or more	1, 2 or more
☒ Calyx: anthocyanin colouration	very strong	strong
☒ Corolla: predominant colour of lower lip (RHS colour chart)	67A	67B

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Amante'	'Wendy's Wish'
☒ Corolla: predominant colour of upper lip (RHS)	67A	64B
☒ Corolla: predominant colour of tube (RHS)	64A	64B
☒ Mature stem: colour towards base (RHS)	146C	166A
☒ Petiole: intensity of anthocyanin colouration	absent or very weak	strong
☒ Leaf blade: anthocyanin colouration of lower side venation	absent or very weak	medium

Statistical Table

Organ/Plant Part: Context	'Amante'	'Wendy's Wish'
☒Leaf: length (mm)		
Mean	82.60	70.90
Std. Deviation	6.30	4.80
Lsd/sig	7.2	P≤0.01
☒Leaf: width (mm)		
Mean	49.60	42.40
Std. Deviation	3.30	4.90
Lsd/sig	5.37	P≤0.01
☒Petiole: length(mm)		
Mean	18.70	38.60
Std. Deviation	3.20	5.70
Lsd/sig	5.98	P≤0.01

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2019	Granted	'Amante'
USA	2018	Granted	'Amante'

First sold in UK in March 2013 and in Australia in December 2019

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

Details of Application

Application Number	2017/043
Variety Name	'PMSP185232674'
Genus Species	*Spinacia oleracea* L.
Common Name	Spinach
Accepted Date	05 Sep 2017
Applicant	Nunhems B.V., Nunhem, The Netherlads
Agent	Spruson & Ferguson, Sydney, NSW
Qualified Person	Ean Blackwell

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SPN723
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	TP/55/5 Rev
Period	2017 - 2019
Trial Design	In accordance with TP/55/5 Rev
Measurements	In accordance with TP/55/5 Rev
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: This variety was developed by the inbreeding of a line derived from an existing commercial variety ('Crocodille')

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	red coloration of stem, petioles and veins	absent
Leaf blade	intensity of green colour	medium to dark

Leaf blade	blistering	medium
Plant	proportion monoecious plants	absent or very low
Plant	proportion female plants	very high
Plant	proportion male plants	absent or very low
Bolting	time of start of bolting (for spring sown crops, 15% of plants)	medium to late
Plant	resistance to Peronospora farinose f.sp spinacae Race Pfs: 10	absent
Plant	resistance to Peronospora farinose f.sp spinacae Race Pfs: 12	absent
Plant	resistance to Peronospora farinose f.sp spinacae Race Pfs: 13	present
Plant	resistance to Peronospora farinose f.sp .spinacae Race Pfs: 14	absent
Plant	resistance to Peronospora farinose f.sp .spinacae Race Pfs: 15	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SSB661022M'	

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

Organ/Plant Part: Context	'PMSP185232674'	'SSB661022M'
☐ Seedling: length of cotyledon	medium	
☐ Leaf: anthocyanin colouration of petioles and veins	absent	
☐ Leaf blade: intensity of green colour	medium to dark	
☒ Leaf blade: blistering	medium	medium
☐ Leaf blade: lobing	weak	
☒ Petiole: attitude	semi-erect	semi-erect to horizontal

☐	Petiole: length	medium	
☐	Leaf blade: attitude	horizontal	
☐	Leaf blade: shape (excluding basal lobes)	broad ovate	
☐	Leaf blade: curving of margin	incurved	
☒	Leaf blade: shape of apex	rounded	acute
☐	Leaf blade: shape in longitudinal section	concave	
☐	Proportion of: monoecious plants	absent or very low	
☐	Proportion of: female plants	very high	
☐	Proportion of: male plants	absent or very low	
☐	Time of: start of bolting (for spring sown crops, 15% of plants)	medium to late	
☐	Seed: spines (harvested seed)	absent	
☐	Resistance to: Race Pe (ex Pfs):1	present	
☐	Resistance to: Race Pe (ex Pfs):2	present	
☐	Resistance to: Race Pe (ex Pfs):3	present	
☐	Resistance to: Race Pe (ex Pfs):4	present	
☐	Resistance to: Race Pe (ex Pfs):5	present	
☐	Resistance to: Race Pe (ex Pfs):6	present	
☐	Resistance to: Race Pe (ex Pfs):7	present	
☐	Resistance to: Race Pe (ex Pfs):8	absent	
☐	Resistance to: Race Pe (ex Pfs):11	present	
☐	Resistance to: Race Pe (ex Pfs):10	absent	
☐	Resistance to: Race Pe (ex Pfs):12	absent	
☐	Resistance to: Race Pe (ex Pfs):13	present	
☐	Resistance to: Race Pe (ex Pfs):14	absent	

☐ Resistance to: Race Pe (ex Pfs):15	present
☐ Resistance to: Race Pe (ex Pfs):16	present

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'5232674'
New Zealand	2017	Granted	'5232674'
Norway	2018	Granted	'5232674'
Switzerland	2018	Granted	'5232674'
Turkey	2017	Applied	'5232674'
UK	2020	Granted	'5232674'

Prior Sales: Nil

Description: Ean Blackwell, Sydney, NSW

Details of Application

Application Number	2018/341
Variety Name	'DrisStrawFiftyEight'
Genus Species	*Fragaria* × *ananassa*
Common Name	Strawberry
Accepted Date	20 Dec 2018
Applicant	Driscoll's Inc., 345 Westridge Drive, Watsonville, California 95076, USA
Agent	AJ Park, Wellington, New Zealand
Qualified Person	Jenny Moisander

Details of Comparative Trial

Overseas Testing Authority	US PTO
Overseas Data Reference Number	PP30,851 P2
Location	East Malling Research Centre, Kent , United Kingdom
Descriptor	Strawberry Fragaria L. TG/22/10 Rev.
Period	2011-2016
Conditions	Plants of this variety were grown in a verification trial with 'DrisStrawTwo' at the Australian test plot at 520 Evandale Road, Evandale, Tasmania, 7212.Plants were grown in gutters in coir bags under tunnels.
Trial Design	Completely Randomised Trial
Measurements	Measures and observations were taken from randomly selected plants.
RHS Chart - edition	5th Edition

Origin and Breeding

The new and distinct variety 'DrisStrawFiftyEight' was discovered in Kent County, United Kingdom in July of 2011. It originated from a controlled cross between the proprietary female parent TUKE 278-050(unpatented) and the proprietary male parent SUKE 103-064 (unpatented). A single plant was selected and it underwent asexual propagation via stolon's in the Netherlands and then underwent

further testing to confirm retention of traits and distinctive characteristics. Breeders : Carlos D. Fear, Katalin Monika Pakozdi and Alessandra Lillo, Driscoll's Inc, CA, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to semi-upright
Petiole	attitude of hairs	horizontal
Flower	size of calyx	larger
Fruit	colour	medium red
Fruit	shape	conicle
Fruit	evenness of colour	even

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DrisStrawTwo'	Widely grow in Australia

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'DrisStrawThirtyEight'	Inflorescence: number of flowers	many	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	'DrisStrawFiftyEight'	'DrisStrawTwo'
☐ *Plant: growth habit	upright	semi-upright
☐ Plant: density of foliage	medium	medium to dense
☐ Plant: vigour	strong	medium

☒ *Plant: number of stolons	many	medium
☒ Stolon: anthocyanin colouration	medium	strong
☐ Stolon: density of pubescence	sparse	sparse
☐ Leaf: size	medium	
☐ Leaf: colour of upper side	medium green	dark green
☒ *Leaf: blistering	medium	strong
☐ *Leaf: glossiness	medium	medium
☐ Leaf: variegation	absent	
☐ *Terminal leaflet:: length in relation to width	equal	equal
☐ *Terminal leaflet: shape of base	acute	rounded
☐ Terminal leaflet: margin	serrate to crenate	serrate
☒ Terminal leaflet: shape in cross section	concave	straight
☐ Petiole: length	medium	
☐ Petiole: attitude of hairs	horizontal	horizontal
☐ Stipule: anthocyanin colouration	absent or very weak	
☐ Inflorescence: number of flowers	many	
☐ Pedicel: attitude of hairs	upwards	
☐ Flower: diameter	medium	medium
☐ *Flower: arrangement of petals	overlapping	overlapping
☐ *Flower: size of calyx in relation to corolla	larger	larger
☐ *Flower: stamen	present	present
☐ Petal: length in relation to width	equal	equal
☐ *Petal: colour of upper side	white	
☐ *Fruit: length in relation to width	moderately longer	much longer
☐ *Fruit: size	medium to large	large

☐ *Fruit: shape	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	moderate
☐ *Fruit: colour	medium red	medium red
☐ Fruit: evenness of colour	even or very slightly uneven	even or very slightly uneven
☐ Fruit: glossiness	medium	strong
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
☒ Fruit: width of band without achenes	absent or very narrow	medium
☒ *Fruit: position of achenes	below surface	level with surface
☐ Fruit: position of calyx attachment	level with fruit	
☐ Fruit: attitude of sepals	outwards	
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	slightly larger
☐ Fruit: adherence of calyx	medium	strong
☒ Fruit: firmness	medium	firm
☐ Fruit: colour of flesh (excluding core)	medium red	orange red
☐ Fruit: colour of core	light red	
☒ Fruit: cavity	medium	absent or small
☐ *Time of: beginning of flowering	medium	
☐ Time of: beginning of fruit ripening	medium	medium
☒ *Type of: bearing	fully remontant	day neutral

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2019	Granted	'DrisStrawFiftyEight'
EU	2018	Granted	'DrisStrawFiftyEight'

Kenya	2018	Granted	‘DrisStrawFiftyEight’
Mexico	2018	Granted	‘DrisStrawFiftyEight’
New Zealand	2018	Applied	‘DrisStrawFiftyEight’
Ukraine	2018	Granted	‘DrisStrawFiftyEight’
USA	2018	Granted	‘DrisStrawFiftyEight’

First sold in the UK in July 2017

Description: Jenny Moisander Landershute Road, Palmwoods, QLD.

Details of Application

Application Number	2018/300
Variety Name	'DrisStrawSixtyFive'
Genus Species	*Fragaria* × *ananassa*
Common Name	Strawberry
Accepted Date	15 Nov 2018
Applicant	Driscoll's, Inc., 345 Westridge Drive, Watsonville, California 95076, USA
Agent	AJ Park, Wellington, New Zealand
Qualified Person	Jennifer Moisander

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	PP30,818 P2
Location	Huelva (Spain)
Descriptor	Strawberry Fragaria L. TG/22/10 Rev.
Period	2012-2017
Conditions	Plants of this variety were grown in a verification trial with DrisStrawTwo at the Driscoll's Australian test plot at 520 Evandale Road Evandale, Tasmania 7212 Plants were grown in gutters in coir bags under tunnels.
Trial Design	Completely randomised Trial
Measurements	Measurements and observations were taken from randomly selected plants
RHS Chart - edition	n/a

Origin and Breeding

Strawberry plants variety 'DrisStrawSixtyFive' was discovered in Huela, Spain in 2012 and originated form a cross between the proprietary female parent 'Drisstrawthirty'(U.S. plant Pat. No. 24096) and the proprietary male parent '88R380' (unpatented). A single plant was selected and asexually propagated via stolons and underwent further testing at a farm in Huelva, Spain for 6 years(2012 to 2017) The present variety has been found to be stable and reproduce true to type through successive asexual propagation cycles.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to semi-upright
Fruit	colour	medium red
Fruit	shape	conical
Petal	colour of upper side	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DrisStrawTwentySeven'	
'DrisStrawEight'	
'DrisStrawFiftyEight'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'DrisStrawEight'	Fruit: width of band without achenes	narrow	broad	
'DrisStrawTwentySeven'	Plant: number of stolons	medium	many	

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

Organ/Plant Part: Context	'DrisStrawSixtyFive'	'DrisStrawFiftyEight'
☐ *Plant: growth habit	semi-upright	upright
☐ Plant: density of foliage	medium	medium
☒ Plant: vigour	medium	strong

☐	*Plant: position of inflorescence in relation to foliage	same level	
☒	*Plant: number of stolons	medium	many
☒	Stolon: anthocyanin colouration	weak	medium
☒	Stolon: density of pubescence	dense	sparse
☐	Leaf: size	medium	medium
☐	Leaf: colour of upper side	medium green	medium green
☐	*Leaf: blistering	absent or weak	medium
☐	*Leaf: glossiness	medium	medium
☐	Leaf: variegation	absent	absent
☐	*Terminal leaflet:: length in relation to width	equal	equal
☒	*Terminal leaflet: shape of base	obtuse	acute
☐	Terminal leaflet: margin	serrate to crenate	serrate to crenate
☐	Terminal leaflet: shape in cross section	concave	concave
☐	Petiole: length	medium to long	medium
☐	Petiole: attitude of hairs	slightly outwards	horizontal
☐	Stipule: anthocyanin colouration	absent or very weak	absent or very weak
☐	Inflorescence: number of flowers	medium	many
☒	Pedicel: attitude of hairs	horizontal	upwards
☐	Flower: diameter	medium	medium
☐	*Flower: arrangement of petals	overlapping	overlapping
☐	*Flower: size of calyx in relation to corolla	larger	larger
☐	*Flower: stamen	present	present
☐	Petal: length in relation to width	moderately longer	equal
☐	*Petal: colour of upper side	white	white
☐	*Fruit: length in relation to width	moderately longer	moderately longer

☐ *Fruit: size	large	medium to large
☐ *Fruit: shape	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
☐ *Fruit: colour	medium red	medium red
☐ Fruit: evenness of colour	even or very slightly uneven	even or very slightly uneven
☐ Fruit: glossiness	medium	medium
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
☐ Fruit: width of band without achenes	narrow	absent or very narrow
☐ *Fruit: position of achenes	below surface	below surface
☐ Fruit: position of calyx attachment	level with fruit	level with fruit
☒ Fruit: attitude of sepals	upwards	outwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	slightly larger
☐ Fruit: adherence of calyx	medium to strong	medium
☐ Fruit: firmness	medium	medium
☒ Fruit: colour of flesh (excluding core)	orange red	medium red
☐ Fruit: colour of core	light red	light red
☐ Fruit: cavity	medium	medium
☒ *Time of: beginning of flowering	early	medium
☒ Time of: beginning of fruit ripening	early	medium
☒ *Type of: bearing	not remontant	fully remontant

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2019	Granted	‘DrisStrawSixtyFive’

EU	2018	Granted	‘DrisStrawSixtyFive’
Kenya	2018	Granted	‘DrisStrawSixtyFive’
Mexico	2018	Granted	‘DrisStrawSixtyFive’
New Zealand	2018	Applied	‘DrisStrawSixtyFive’
Ukraine	2018	Granted	‘DrisStrawSixtyFive’
USA	2018	Granted	‘DrisStrawSixtyFive’

First sold in Spain in October 2017

Description: Jenny Moisander Landershute Road, Palmwoods, QLD.

Details of Application

Application Number	2019/002
Variety Name	'HN5003'
Genus Species	*Solanum lycopersicum*
Common Name	Tomato
Synonym	Nil
Accepted Date	01 Apr 2020
Applicant	Syngenta Participations AG, Basel Switzerland.
Agent	Syngenta Australia Pty. Ltd. Macquarie Park NSW.
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, NL
Overseas Data Reference Number	TMT3341
Location	Naktuinbouw, Roelofarendsveen, NL
Descriptor	Tomato (*Solanum lycopersicum*)
Period	2018-2019
Conditions	
Trial Design	
Measurements	As per UPOV Technical Guidelines
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Each parent has been crossed with other line material source of taste. A backcross was done and by auto-pollination new generations were created and selected for fruit colour and taste till arrive to stable and uniform lines. Those lines were used as parents and crossed between them to create the F1 HN5003. This Hybrid were tested during 3 years in different areas and phenotype for agronomical values and fruit taste. Breeder: Luis Ortega, Syngenta Participations AG Basel Switzerland.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	indeterminate
Peduncle	abscission layer	present
Fruit	green shoulder (before maturity)	absent
Fruit	green stripes (before maturity)	absent
Fruit	size	small
Fruit	shape in longitudinal section	circular
Fruit	number of locules	two and three
Fruit	colour at maturity	brown
Resistance	Meloidogyne incognita	highly resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Olmeca'	

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

Organ/Plant Part: Context	'HN5003'	'Olmeca'
☐ Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only)	present	
☐ *Plant: growth type	indeterminate	
☐ Stem: anthocyanin colouration	weak to medium	
☐ Stem: length of internode (varieties with plant growth type indeterminate only)	medium	
☐ Plant: height (varieties with plant growth type indeterminate only)	medium to long	
☐ *Leaf: attitude	horizontal	
☐ Leaf: length	medium to long	

☐ Leaf: width	medium to broad	
☐ *Leaf: type of blade	bipinnate	
☐ Leaf: size of leaflets	medium	
☐ Leaf: intensity of green colour	dark to very dark	
☐ Leaf: glossiness	very weak to weak	
☐ Leaf: blistering	very weak to weak	
☐ Leaf: attitude of petiole of leaflet in relation to main axis	semi-erect to horizontal	
☐ Inflorescence: type	mainly uniparous	
☐ *Flower: colour	yellow	
☐ Flower: pubescence of style	present	
☐ *Peduncle: abscission layer	present	
☐ *Pedicel: length (varieties with peduncle abscission layer present only)	medium	
☐ *Fruit: green shoulder (before maturity)	absent	
☒ *Fruit: intensity of green colour excluding shoulder (before maturity)	light to medium	medium to dark
☐ Fruit: green stripes (before maturity)	absent	
☐ *Fruit: size	small	
☐ *Fruit: ratio length/diameter	medium	
☐ *Fruit: shape in longitudinal section	circular	
☐ *Fruit: ribbing at peduncle end	absent or very weak	
☐ Fruit: depression at peduncle end	absent or very weak	
☐ Fruit: size of peduncle scar	small	
☐ Fruit: size of blossom scar	very small	
☐ Fruit: shape at blossom end	flat	

☐ Fruit: diameter of core in cross section in relation to total diameter	medium to large	
☐ Fruit: thickness of pericarp	thin	
☐ *Fruit: number of locules	two and three	
☐ *Fruit: colour (at maturity)	brown	brown
☐ *Fruit: colour of flesh (at maturity)	red	
☐ Fruit: glossiness of skin	medium	
☐ *Fruit: firmness	very firm	
☐ Time of: flowering	medium to late	
☐ *Time of: maturity	late to very late	
☐ *Resistance to: Meloidogyne incognita (Mi)	highly resistant	
☐ *Resistance to: Verticillium sp. (Va and Vd) – Race 0	present	
☐ Resistance to: Fusarium oxysporum f. sp. lycopersici (Fol) – Race 0 (ex 1)	present	
☒ Resistance to: Fusarium oxysporum f. sp. lycopersici (Fol) – Race 1 (ex 2)	absent	present
☐ Resistance to: Fusarium oxysporum f. sp. radicis lycopersici (Forl)	present	
☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Race 0	absent	
☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group A	absent	
☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group B	absent	
☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group C	absent	
☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group D	absent	

☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group E	absent
☐ Resistance to: Tomato Mosaic Tobamovirus (ToMV) – Strain 0	present
☐ Resistance to: Tomato Mosaic Tobamovirus (ToMV) – Strain 1	present
☐ Resistance to: Tomato Mosaic Tobamovirus (ToMV) – Strain 2	present
☐ Resistance to: Tomato Yellow Leaf Curl Begomovirus (TYLCV)	absent
☐ Resistance to: Tomato Spotted Wilt Tospovirus (TSWV) - Race 0	absent

Prior Applications and Sales:

Country	Year	Status	Name Applied
Netherland	2018	Granted	'HN5003'

Nil

Description: J**ohn Oates**, VF Solutions, Merimbula, NSW, 2548.

Details of Application

Application Number	2019/130
Variety Name	'Brace'
Genus Species	*Trifolium repens*
Common Name	White Clover
Synonym	GWT 13039
Accepted Date	09 Aug 2019
Applicant	Grasslands Innovation Limited, Private Bag 11008, Manawatu Mail Centre, Palmerston North 4442.
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	CLO066 Grant No. 34548
Location	Lincoln, New Zealand
Descriptor	UPOV/TG/28/7
Period	2020, 2021, 2022
Conditions	Centralised trials conducted on contract under the new directorship of the New Zealand Plant Variety Rights Office at Asure Quality Ltd. New Zealand
Trial Design	As per NZ test report
Measurements	As per NZ test report
RHS Chart - edition	

Origin and Breeding

In 2009 a trial of elite breeding lines and control cultivars were established in the Wakaito. Grazing management was with dairy cows. At the completion of the trial in 2012 selections of the best performing lines were completed. Ruakura Autumn (GWT13039) had 12 parent lines, Tribute, Sustain and 10 unreleased breeding lines. Four genotypes per line (48 total plants) were polycrossed summer 2012/13. A balanced bulk of the maternal & parental parents were combined to produce the synthetic GWT13039. This was increased further 2013/14 to produce Syn II seed. Further evaluation of this synthetic compared with control cultivars were trialled in 2014-2017. In summer 2016/17, parental screening of GWT13039 were completed and Elite genotypes were selected for plant uniformity including leaf size and plant habit, seed yield characteristics and disease resistance. The selected

genotypes were controlled crossed in isolation to produce a Pre-nucleus harvest. Nucleus production was completed summer 2018/19.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Quest'	
'Weka'	
'Barblanca'	

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

Organ/Plant Part: Context	'Brace'	'Barblanca'	'Quest'	'Weka'
☒ Plant: intensity of green colour	medium to dark		light to medium	
☐ Plant: density of foliage	medium			
☐ Plant: proportion of plants with cyanid glucoside	very high			
☐ *Plant: prominence of white leaf marks	medium to strong			
☐ *Plant: time of flowering	medium			
☐ Plant: height	tall			
☐ Plant: width	broad			
☐ Plant: growth habit	intermediate			
☒ Stem: internode length of stolon	short to medium	medium to long		medium to long

☐ Stem: thickness of stolon	medium to thick
☐ Leaf: length of petiole	medium to long
☐ Leaf: thickness of petiole	medium to thick
☐ *Leaf: length of median leaflet	medium
☐ *Leaf: width of median leaflet	medium
☐ *Leaf: size of median leaflet	medium
☐ *Leaf: ratio of length to width of median leaflet	medium
☐ Inflorescence: length of peduncle	medium to long
☐ Inflorescence: thickness of peduncle	medium
☐ Plant: number of inflorescences	medium to many
☐ Inflorescence: diameter	medium

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2019	GRANTED	'Brace'

Prior Sales: Nil

Description: Charlotte Tumilson, Grasslands Innovation Limited, New Zealand.

Grants

Coastal Myall

'Sterling Silver'
Application No: 2018/111
Applicant: Phillip Vaughan
Certificate No: 7012 Expiry Date:22/11/2043
Agent: David Burt

Brassica napus
Canola
'Bandit TT'
Application No: 2022/074
Applicant: Australian Grain Technologies Pty Ltd
Certificate No: 7028 Expiry Date:1/12/2043

Brassica napus
Canola
'Outlaw'
Application No: 2022/075
Applicant: Australian Grain Technologies Pty Ltd
Certificate No: 7029 Expiry Date:1/12/2043

Brassica napus
Canola
'Renegade TT'
Application No: 2022/073
Applicant: Australian Grain Technologies Pty Ltd
Certificate No: 7027 Expiry Date:1/12/2043

Carex oshimensis
Japanese Sedge
'CarFit01'
Application No: 2012/043
Applicant: Patrick Fitzgerald
Certificate No: 7014 Expiry Date:22/11/2043
Agent: Natura Creative

Carex oshimensis
Japanese Sedge
'EVERORO'
Application No: 2012/042
Applicant: Patrick Fitzgerald
Certificate No: 7013 Expiry Date:22/11/2043
Agent: Natura Creative

Citrus glauca
Desert Lime
'Desert Ice'
Application No: 2019/063
Applicant: Wild Desert Ice Pty Ltd
Certificate No: 7032 Expiry Date:4/12/2048
Agent: Russell Glover

Cordyline banksii
Forest Cabbage Tree
'Sprilecflash'
Application No: 2013/122
Applicant: Sprint Horticulture Pty Ltd
Certificate No: 7019 Expiry Date:29/11/2043

Fragaria xananassa Duch.
Strawberry
'A13 26'
Application No: 2021/263
Applicant: Masia Ciscar S.A.
Certificate No: 7020 Expiry Date:29/11/2043
Agent: Adrian M. Trioli Patent and Trade Mark Attorney

Fragaria xananassa Duch.
Strawberry
'A13 29'
Application No: 2021/264
Applicant: Masia Ciscar S.A.
Certificate No: 7021 Expiry Date:29/11/2043
Agent: Adrian M. Trioli Patent and Trade Mark Attorney

Grevillea hybrid
Grevillea
'GR150'
Application No: 2018/129
Applicant: Botanic Gardens and Parks Authority
Certificate No: 7022 Expiry Date:30/11/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR34'
Application No: 2015/144
Applicant: Botanic Gardens and Parks Authority
Certificate No: 7026 Expiry Date:30/11/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR35'
Application No: 2018/130
Applicant: Botanic Gardens and Parks Authority
Certificate No: 7023 Expiry Date:30/11/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR52'
Application No: 2018/132
Applicant: Botanic Gardens and Parks Authority
Certificate No: 7025 Expiry Date:30/11/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR58'
Application No: 2018/131
Applicant: Botanic Gardens and Parks Authority
Certificate No: 7024 Expiry Date:30/11/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Lactuca sativa
Lettuce
'BELENDRA'
Application No: 2021/034
Applicant: Syngenta Participations AG
Certificate No: 7016 Expiry Date:28/11/2048
Agent: Syngenta Australia Pty. Ltd.

Malus domestica
Apple
'Herald'
Application No: 2021/269
Applicant: VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o.
Certificate No: 7031 Expiry Date:4/12/2048
Agent: Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd

Morella rubra
Red Bayberry
'N2MR020'
Application No: 2018/377
Applicant: University of Queensland
Certificate No: 7017 Expiry Date:29/11/2048
Agent: Plant Varieties Australia

Morella rubra
Red Bayberry
'N2MR076'
Application No: 2018/376
Applicant: University of Queensland
Certificate No: 7018 Expiry Date:29/11/2048
Agent: Plant Varieties Australia

Prunus avium
Sweet Cherry
'Royal Tioga'
Application No: 2015/168
Applicant: Zaiger's Inc. Genetics
Certificate No: 7015 Expiry Date:28/11/2048
Agent: Graham's Factree Pty Ltd

Prunus avium
Sweet Cherry
'SPC342'
Application No: 2021/289
Applicant: Her Majesty the Queen in the Right of Canada, as represented by the Minister of Agriculture and Agri-Food
Certificate No: 7030 Expiry Date:4/12/2048
Agent: Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd

Solanum lycopersicum
Tomato
'DUELLE'
Application No: 2019/208
Applicant: SYNGENTA PARTICIPATIONS A.G.
Certificate No: 7033 Expiry Date:6/12/2043
Agent: Syngenta Australia Pty. Ltd.

Change of Applicant's Name

App. No.	Genus	species	Variety	Common Name	Changed From	Changed To

Applications Rejected

The following applications have been rejected under Section 44 of the Plant Breeder's Rights Act 1994, and are no longer protected by PBR:

Application No.	Genus	species	Variety	Synonym	Common Name

Applications Withdrawn

The following varieties are withdrawn under Section 34(2) of the PBR Act 1994 and are no longer under provisional protection:

App. No.	Genus	species	Common Name	Variety
2019/178	Saccharum	hybrid	Sugarcane	QN08-2274
2016/236	Malus	domestica	Apple	ANABP 07
2016/240	Malus	domestica	Apple	ANABP 08
2017/231	Malus	domestica	Apple	ANABP 09
2018/202	Malus	domestica	Apple	ANABP 10
2019/161	Malus	domestica	Apple	ANABP 13
2019/162	Malus	domestica	Apple	ANABP 12
2019/163	Malus	domestica	Apple	ANABP 14
2020/187	Malus	domestica	Apple	ANABP 17
2013/113	Prunus	persica	Peach	Riverrich
2020/229	Saccharum	hybrid	Sugarcane	QS08-8662
2020/092	Acmena	smithii	Lilly Pilly	Purplerain
2015/052	Rubus	idaeus	Raspberry	Advabereen
2022/272	Solanum	lycopersicum	Tomato	SORCERY

Assignment of Rights

App. No.	Genus	species	Variety	Common Name	Change From	Change To
2022/076	Triticum	aestivum	BASF. Reilly	Wheat	BASF SE	RAGT 2n S.A.S.
2022/077	Triticum	aestivum	BASF. Kingston	Wheat	BASF SE	RAGT 2n S.A.S.
2020/072	Triticum	aestivum	BASFAscot	Wheat	BASF SE	RAGT 2n S.A.S.
2023/167	Triticum	aestivum	BH130130S-B3	Wheat	BASF SE	RAGT 2n S.A.S.
2023/168	Triticum	aestivum	16Q2H0055	Wheat	BASF SE	RAGT 2n S.A.S.
2008/250	Mangifera	indica	NMBP1201	Mango	Department of Agriculture and Fisheries (DAF); CSIRO; The NT of Australia through its Department of Regional Development, Primary Industry Fisheries and resources; WA Agriculture Authority	The State of Queensland acting through the Department of Agriculture and Fisheries (DAF)
2005/275	Mangifera	indica	NMBP1243	Mango	Department of Agriculture and Fisheries (DAF); CSIRO; The NT of Australia through its Department of Regional Development, Primary Industry Fisheries and resources; WA Agriculture Authority	The State of Queensland acting through the Department of Agriculture and Fisheries (DAF)
2005/276	Mangifera	indica	NMBP4069	Mango	Department of Agriculture and Fisheries (DAF); CSIRO; The NT of Australia through its Department of Regional Development, Primary Industry Fisheries and resources; WA Agriculture Authority	The State of Queensland acting through the Department of Agriculture and Fisheries (DAF)

Change/Nomination of Agent

App. No.	Genus	species	Variety	Change From	Change To

Denomination Changed

App. No.	Genus	species	Common name	Change From	Change To
2023/205	Passiflora	edulis		PHS Flamenco	PHS-F

Synonyms Changed/Added

App. No.	Genus	Species	Variety	Common name	Synonym Change From	Synonym Change To
2023/062	Dichondra	repens	Parvulus	Kidney Weed		Tiny Delight

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

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

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
2013/174	Lactuca	sativa	Bataflash		Lettuce
2011/235	Allium	porrum	NUNTON		Leek
2016/034	Lactuca	sativa	Thatcher		Lettuce
2017/082	Lagerstroemia	indica	CAP12		Crepe Myrtle
2015/124	Mangifera	indica	NOA		Mango
2013/051	Cucurbita	moschata	OrangeGlow		Pumpkin
2015/304	Rubus	idaeus	Pearl		Raspberry
2005/254	Leptospermum	hybrid	Alicia Rose		Tea Tree
2017/083	Solanum	tuberosum	Lorimer		Potato
2005/005	Lactuca	sativa	Bughatti		Lettuce
2015/303	Rubus	idaeus	Autumn Glory		Raspberry
2018/308	Rosa	hybrid	Climbing Imp		Rose

Corrigenda

Appendices

The appendices to *Plant Varieties Journal* **(Vol. 36 Issue 3)** are listed below:

APPENDIX 1 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSON'

The following link https://www.ipaustralia.gov.au/plant-breeders-rights/role-of-a-qualified-person/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	Fawad
Ali	Asjad
An	Chih-Hao
Ansari	Omid
Arkinstall	Sean
Austin	Darren
Berryman	Pamela
Bolton	Clair
Boorman	Des
Box	Amanda
Brunt	Charlotte
Bunker	John
Cameron	Nick
Campbell	David
Cecil	Andrew
Chang	Yi-Lung
Chang	Sheng-Chih
Chesher	Wayne
Chu	Yu-Ying
Clayton-Greene	Kevin
Clifton	Hannah
Clingeleffer	Peter
Clothier	Damien
Cogan	Noel
Collins	David
Connolly	Karen

Coventry	Stewart
Cutri	Gaethan
De Barro	James
Dewar	Matthew
Dilag	Calixto
Downe	Graeme
Fidgeon	Jesse
Fitzgibbon	John
Fleming	Rebecca
Gillies	Leanne
Gororo	Nelson
Graetz	Darren
Gunther	Tom
Harmer	Martin
Harrison	Robert
Hobson	Kristy
Hoppo	Suzanne
Huang	Che-Lun
Jupp	Noel
Kaehne	Ian
Katz	Mark
Kenel	Fernand
Kitson	Elizabeth
Ko	Yu-Cheng
Kretzschmar	Tobias
Lacey	Kevin
Lee	Jou-Yi
Lee	Jodie
Lee Chang	Kim
Lewis	Hartley

Liu	Ming-Chi
Liu	Ming-Chung
Madsen	Dean
Manson	Daniel
March	Timothy
Materne	Michael
Matthews	Michael
Moisander	Jennifer
Myors	Philip
Nagel	Stuart
Neal	Jodi
Newman	Allen
Nichols	Phillip
O’Connor	Daniel
O'Connor	Katie
O'Leary	Finbarr
Pandey	Babu
Paull	Jeffrey
Peck	Gavin
Peck	David
Pegg	Amelia
Peng	Fei
Pidgeon	Mark
Pike	Elise
Porter	Gavin
Pressler	Craig
Rayner	Kenneth
Real	Daniel
Roche	Matthew
Russell	Dougal

Sabampillai	Mahendraraj
Sayle	Riley
Senior	Michael
Sewell	James
Shunmugam	Arun
Smark	Jordan
Smith	Leigh
Smith	Malcolm
Smith	Chris
Snell	Peter
Snelling	Cath
Stiller	Warwick
Syrus	Kim
Tabah	David
Tancred	Stephen
Todd	Peter
Topp	Bruce
Tsai	Yu-Ching
Turner	Janice
Turpin	Susanna
Ullah	Smi
van den Berg	Louisa
Watson	David
Wei	Xianming
Wells	Jenny
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.

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

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

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

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

REQUESTS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

Conditions and Selection Criteria

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

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

Experienced staff

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

Industry support

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

Long-term storage of genetic material

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

Contract testing for 3rd Parties

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

Relationship between CTC and 3rd Parties

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

One CTC per genus

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

Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of Accreditation	Next review date
Bureau of Sugar Experiment Stations/Sugar Research Australia	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane Qld	Saccharum	Field, glasshouse, tissue culture, pathology	Clair Bolton	3/06/2020	1/01/2024
Paradise Plants	Kulnura NSW	Camellia, Lavandula, Osmanthus, Ceratopetalum	Field, glasshouse, shade house, irrigation	J. Robb	31/12/1998	1/01/2024
Prescott Roses	Berwick VIC	Rosa	Field, controlled environment	C. Prescott	31/12/1998	1/01/2024
Ramm Botanicals	Kangy Angy NSW	Anigozanthos	Tissue culture, environment controlled greenhouse; extensive outdoor and shade house areas	Hannah Clifton	10/02/2012	1/01/2024
Solan Pty Ltd	Waikerie SA	Solanum tuberosum	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	1/01/2024
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	1/01/2024

Agronico Technology Pty Ltd	Leith, TAS	Solanum tuberosum	Access to tissue culture storage and mini tuber production facilities (VICSPA accredited),f or storing and multiplying varieties in preparation for testing	Stewart McKay, James Hills	7/04/2016	1/01/2024
G. Crumpton & Sons & Co Pty Ltd	Crawford, QLD	Duboisia	Comprehensive growing facilities	D.Loch	13/12/2016	1/01/2024
Driscolls Australia Pty Ltd	Palmwoods QLD	Fragaria spp., Vaccinium spp., Rubus spp.	Irrigated field trial areas, laboratory facilities, glasshouse	Jennifer Moisander	13/12/2016	1/01/2024
GrapeCo Pty Ltd	South Merbein VIC	Vitis vinifera (Table grape only)	Drip irrigation. Cool rooms are being installed	Alison MacGregor	24/03/2022	1/01/2024
Australian Horticultural Services	Wonga Park VIC	Lavandula	Indoor and out growing areas	M Lunghusen	19/12/2018	1/01/2024
	Wonga Park VIC	Lagerstroemia	Indoor and out growing areas	M Lunghusen	13/08/2021	1/01/2024
Haar's Nursery	Somerville VIC	Erysimum, Impatiens Nemesia	Propagation greenhouses; indoor and outdoor growing areas	M Lunghusen	19/12/2018	1/01/2024

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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