

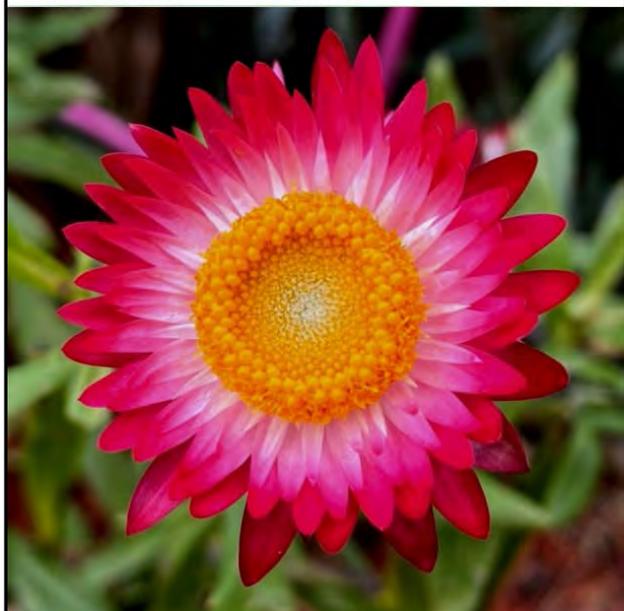


Plant Varieties Journal

Quarter One

Volume 33

Number 1



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This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 33 Issue 1) are listed below:

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ACCEPTANCE

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

Solanum lycopersicum

TOMATO

‘COMPLICE’

Application No: 2019/134 Accepted: 06 Jan 2020

Applicant: **Seminis Vegetable Seeds, Inc.**

Agent: **Monsanto Australia Pty Ltd**, Hawthorn East, VIC.

Citrus limon

LEMON

‘BA-001’

Application No: 2019/256 Accepted: 07 Jan 2020

Applicant: **Bark Orchards.**

Agent: **Arthur Edwards**, Mildura, VIC.

Radermachera yunnanensis

‘SummerscentSister’

Application No: 2019/262 Accepted: 08 Jan 2020

Applicant: **Darwin Plant Wholesalers**, Winnellie, NT.

Murraya paniculata var ovatifoliata

MOCK ORANGE

‘Tom Thumb’

Application No: 2019/263 Accepted: 08 Jan 2020

Applicant: **Darwin Plant Wholesalers**, Winnellie, NT.

Glycine max

SOYBEAN

‘SCH63411Y’

Application No: 2019/271 Accepted: 09 Jan 2020

Applicant: **SCI Genetics, Inc.**

Agent: **P Brodie Holdings Pty Ltd t/a PB Agrifood**, Wilsonton, QLD.

Glycine max

SOYBEAN

‘SCH67908’

Application No: 2019/273 Accepted: 09 Jan 2020

Applicant: **SCI Genetics, Inc.**

Agent: **P Brodie Holdings Pty Ltd t/a PB Agrifood**, Wilsonton, QLD.

Glycine max

SOYBEAN

‘UA 5213C’

Application No: 2019/274 Accepted: 09 Jan 2020

Applicant: **University of Arkansas, Division of Agriculture.**

Agent: **P Brodie Holdings Pty Ltd t/a PB Agrifood**, Wilsonton, QLD.

Glycine max

SOYBEAN

‘SCH65793’

Application No: 2019/272 Accepted: 09 Jan 2020

Applicant: **SCI Genetics, Inc.**

Agent: **P Brodie Holdings Pty Ltd t/a PB Agrifood**, Wilsonton, QLD.

Lactuca sativa

LETTUCE

‘Bushmaster’

Application No: 2020/007 Accepted: 13 Jan 2020

Applicant: **Enza Zaden Beheer B.V.**

Agent: **Spruson & Ferguson**, Brisbane, QLD.

Chamelaucium hybrid

WAXFLOWER

‘Blizzard’

Application No: 2019/255 Accepted: 13 Jan 2020

Applicant: **Helix Australia (Goldsash Corporation Pty Ltd)**, West Swan, WA.

Peperomia caperata

'Mendoza'

Application No: 2020/001 Accepted: 13 Jan 2020

Applicant: **Garteneriet Tingdal ApS.**

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

Lactuca sativa

LETTUCE

'Loki'

Application No: 2020/009 Accepted: 13 Jan 2020

Applicant: **Enza Zaden Beheer B.V.**

Agent: **Spruson & Ferguson**, Brisbane, QLD.

Mucuna pruriens

'12A-004'

Application No: 2019/282 Accepted: 20 Jan 2020

Applicant: **Paragon Seeds Australia**, Mareeba, QLD.

Gossypium hirsutum

COTTON

'Sicot 606B3F'

Application No: 2019/259 Accepted: 22 Jan 2020

Applicant: **Commonwealth Scientific and Industrial Research Organisation; Cotton Seed Distributors Ltd**, Black Mountain, ACT.

Grevillea hybrid

GREVILLEA

'GR161' syn Raspberry Dream

Application No: 2019/265 Accepted: 22 Jan 2020

Applicant: **Botanic Gardens and Parks Authority.**

Agent: **Quito Pty Ltd trading as Benara Nurseries**, Carabooda, WA.

Lomandra

MAT RUSH

‘LCP1020’

Application No: 2017/051 Accepted: 24 Jan 2020

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

Trifolium subterraneum ssp brachycalycinum

SUBTERRANEAN CLOVER

‘Benson’

Application No: 2019/269 Accepted: 24 Jan 2020

Applicant: **Minister for Primary Industries and Regional Development (acting through SARDI)**, Urrbrae, SA.

Punica granatum

POMEGRANATE

‘Kingdom’

Application No: 2019/275 Accepted: 28 Jan 2020

Applicant: **CALIPLANT AGRO, S.L.**

Agent: **Nu Leaf I.P. Pty Ltd**, Gol Gol, NSW.

Prunus salicina x armeniaca

INTERSPECIFIC PLUM

‘Plumscrumptious’

Application No: 2019/268 Accepted: 28 Jan 2020

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

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

Mangifera indica

MANGO

‘ATtwentysix’

Application No: 2019/270 Accepted: 28 Jan 2020

Applicant: **Sando Tosoni; Franco Tosoni**, Dimbulah, QLD.

Solanum tuberosum

POTATO

‘LARISSA’

Application No: 2019/280 Accepted: 30 Jan 2020

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

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

Argyranthemum frutescens

MARGUERITE DAISY

‘SUPAPOM’

Application No: 2019/257 Accepted: 04 Feb 2020

Applicant: **NuFlora International Pty Ltd.**

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

Cannabis sativa

‘Eve207’

Application No: 2019/283 Accepted: 05 Feb 2020

Applicant: **Australian Natural Therapeutic Group**, Pitt Town, NSW.

Malus domestica

APPLE

‘Inolov’

Application No: 2019/258 Accepted: 05 Feb 2020

Applicant: **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA).**

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

Fragaria x ananassa

STRAWBERRY

‘SweetEve 2’

Application No: 2020/003 Accepted: 13 Feb 2020

Applicant: **Edward Vinson Ltd.**

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

Chamelaucium uncinatum

WAXFLOWER

'Local Hero'

Application No: 2020/013 Accepted: 14 Feb 2020

Applicant: **Botanic Gardens and Parks Authority.**

Agent: **Helix Australia (Goldsash Corporation Pty Ltd)**, West Swan, WA.

Lactuca sativa

LETTUCE

'Molokai'

Application No: 2020/008 Accepted: 17 Feb 2020

Applicant: **Enza Zaden Beheer B.V..**

Agent: **Spruson & Ferguson**, Brisbane, QLD.

Peperomia caperata

'Quito'

Application No: 2020/011 Accepted: 17 Feb 2020

Applicant: **Garteneriet Tingdal ApS.**

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

Peperomia caperata

'Brasilia'

Application No: 2020/012 Accepted: 17 Feb 2020

Applicant: **Garteneriet Tingdal ApS.**

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

Syzygium australe

LILLY PILLY

'Green Machine'

Application No: 2020/015 Accepted: 24 Feb 2020

Applicant: **Reline Management Pty Ltd ATF The Cole Unit Trust**, Banjup, WA.

Vaccinium corymbosum

BLUEBERRY

‘DrisBlueNineteen’

Application No: 2020/020 Accepted: 26 Feb 2020

Applicant: **Driscoll's, Inc.**

Agent: **AJ Park**, Sydney, NSW.

Dactylis glomerata

COCKSFOOT

‘GK281’ syn Summadorm

Application No: 2019/281 Accepted: 28 Feb 2020

Applicant: **Grasslanz Technology Limited.**

Agent: **Barenbrug Australia Pty Ltd**, Dandenong South, VIC.

Lactuca sativa

LETTUCE

‘KINTELMO’

Application No: 2020/002 Accepted: 28 Feb 2020

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

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

Vigna radiata var. radiata

MUNG BEAN

‘Opal-AU’

Application No: 2019/156 Accepted: 03 Mar 2020

Applicant: **Grains Research and Development Corporation, The State of Queensland through the Department of Agriculture & Fisheries**, Barton, ACT.

Clusia rosea

‘LICLUS02’

Application No: 2020/019 Accepted: 03 Mar 2020

Applicant: **Licro B.V.**

Agent: **Davies Collison Cave Pty Ltd**, Wellington, NZ.

Lactuca sativa

LETTUCE

‘TRALEX’

Application No: 2020/021 Accepted: 04 Mar 2020

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

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

Camellia sinensis

JAPANESE TEA, BLACK TEA

‘Kiyoka’

Application No: 2019/260 Accepted: 04 Mar 2020

Applicant: **National Agriculture and Food Research Organization.**

Agent: **IP Solved (ANZ) Pty Ltd**, Sydney, NSW.

Lactuca sativa

LETTUCE

‘HIGGS’

Application No: 2020/022 Accepted: 04 Mar 2020

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

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

Lactuca sativa

LETTUCE

‘BEHN’

Application No: 2020/023 Accepted: 05 Mar 2020

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

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

Diospyros kaki

‘MAXIM’

Application No: 2020/016 Accepted: 10 Mar 2020

Applicant: **Francisco Garcia Cuenca.**

Agent: **Nu Leaf I.P. Pty Ltd**, Gol Gol, NSW.

Nyssa sylvatica

‘JFS-Red’ syn Firestarter

Application No: 2020/025 Accepted: 23 Mar 2020

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

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

Lablab purpureus

LABLAB BEAN

‘PGY-026’

Application No: 2020/031 Accepted: 25 Mar 2020

Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Lablab purpureus

LABLAB BEAN

‘LLW-024’

Application No: 2020/032 Accepted: 26 Mar 2020

Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Lablab purpureus

LABLAB BEAN

‘LLW-025’

Application No: 2020/033 Accepted: 26 Mar 2020

Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Cucumis sativus

‘Tiberias’

Application No: 2020/030 Accepted: 30 Mar 2020

Applicant: **Nunhems B.V.**

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

Lactuca sativa

LETTUCE

‘POPLAR’

Application No: 2020/036 Accepted: 30 Mar 2020

Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

Hebe x speciosa

HEBE

‘HebAnn05’

Application No: 2020/038 Accepted: 31 Mar 2020
Applicant: **Annton Nursery Ltd.**
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Trifolium michelianum

BALANSA CLOVER

‘Mamba’

Application No: 2020/035 Accepted: 31 Mar 2020
Applicant: **Pristine Forage Technologies Pty Ltd**, Edwardstown, SA.

Hebe x speciosa

HEBE

‘HebAnn03’

Application No: 2020/037 Accepted: 31 Mar 2020
Applicant: **Annton Nursery Ltd.**
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Variety Descriptions

| Common (Genus Species) | Variety | Title Holder |
|---|-------------------------|---|
| Kiwifruit (<i>Actinidia chinensis</i>) | Jinyan | Wuhan Botanical Garden, Chinese Academy of Sciences |
| Kiwifruit (<i>Actinidia chinensis</i>) | Dong Hong | Wuhan Botanical Garden, Chinese Academy of Sciences |
| Leek (<i>Allium porrum</i>) | SHAFTON | Nunhems B.V. |
| Thrift (<i>Armeria pseudarmeria</i>) | Big Dreams | Plant Growers Australia |
| Thrift (<i>Armeria pseudarmeria</i>) | Daydream | Plant Growers Australia |
| Thrift (<i>Armeria pseudarmeria</i>) | Dreamland | Plant Growers Australia |
| Thrift (<i>Armeria pseudarmeria</i>) | Sweet Dreams | Plant Growers Australia |
| Bidens (<i>Bidens ferulifolia</i>) | SUNBIDEVB 2 | Suntory Flowers Limited |
| Calibrachoa (<i>Calibrachoa hybrid</i>) | Sunbel 871 | Suntory Flowers |
| Calibrachoa (<i>Calibrachoa hybrid</i>) | Sunbel 789 | Suntory Flowers Limited |
| Industrial Hemp (<i>Cannabis sativa</i>) | ECO-Excalibur | Ecofibre Limited |
| Mandarin (<i>Citrus reticulata</i>) | Carlosed | Allison Geraldine Robinson |
| Sweet Orange (<i>Citrus sinensis</i>) | DV | Carol Davidson |
| (<i>Escallonia hybrid</i>) | IB411-6 | Plant Growers Australia Pty Ltd |
| Poinsettia (<i>Euphorbia pulcherrima</i>) | Bonpri 635 | Bonza Botanicals Pty Limited |
| Grevillea (<i>Grevillea hybrid</i>) | GR01 | Changers Green Nursery |
| Lablab Bean (<i>Lablab purpureus</i>) | LLW-025 | GeneGro Pty Ltd |
| Lablab Bean (<i>Lablab purpureus</i>) | LLW-024 | GeneGro Pty Ltd |
| Spanish Lavender | | The Paradise Seed Company |

| | | |
|--|--------------|---|
| <i>(Lavandula pedunculata)</i> | Senblu | Pty. Ltd. |
| Spanish Lavender <i>(Lavandula pedunculata)</i> | Senpur | The Paradise Seed Company Pty. Ltd. |
| Spiny Headed Mat Rush <i>(Lomandra longifolia x Lomandra confertifolia subsp. Pallida)</i> | Roma 13 | Robert Harrison |
| Narrow-Leafed Lupin <i>(Lupinus angustifolius)</i> | Coyote | Western Australian Agriculture Authority; Grains Research and Development Corporation |
| Mandevilla <i>(Mandevilla hybrid)</i> | Sunparaosiro | Suntory Flowers |
| Phalaris <i>(Phalaris aquatica)</i> | Horizon | CSIRO Agriculture and Food |
| Japanese Plum <i>(Prunus salicina)</i> | GW1 | Vitaplum Technology Pty Ltd |
| Rose <i>(Rosa hybrid)</i> | Meidrason | Meilland International S.A. |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA16 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA20 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | QS00-256 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | QN08-2274 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | WSRA24 | Sugar Research Australia; Wilmar Sugar Pty Ltd |
| Sugarcane <i>(Saccharum hybrid)</i> | WSRA17 | Sugar Research Australia; Wilmar Sugar Pty Ltd |
| Sugarcane <i>(Saccharum hybrid)</i> | SRAW18 | Sugar Research Australia; Wilmar Sugar Pty Ltd |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA26 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA21 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | QN08-1161 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA25 | Sugar Research Australia |
| Sugarcane <i>(Saccharum hybrid)</i> | SRA22 | Sugar Research Australia |

| | | |
|--|-----------------|--|
| Sugarcane (<i>Saccharum hybrid</i>) | SRA19 | Sugar Research Australia |
| Fanflower (<i>Scaevola aemula</i>) | Bonsca 1160 | Bonza Botanicals Pty Limited |
| Potato (<i>Solanum tuberosum</i>) | Colomba | IPR B.V. |
| Potato (<i>Solanum tuberosum</i>) | Ivetta | EUROPLANT Pflanzenzucht GmbH |
| Potato (<i>Solanum tuberosum</i>) | Captiva | EUROPLANT Pflanzenzucht GmbH |
| Potato (<i>Solanum tuberosum</i>) | Cardinia | EUROPLANT Pflanzenzucht GmbH |
| Potato (<i>Solanum tuberosum</i>) | Montana | EUROPLANT Pflanzenzucht GmbH |
| Potato (<i>Solanum tuberosum</i>) | Gioconda | IPR B.V., PJ and FP van der Zee |
| Potato (<i>Solanum tuberosum</i>) | Cimega | Danespo A/S |
| Potato (<i>Solanum tuberosum</i>) | Linata | Danespo A/S |
| Potato (<i>Solanum tuberosum</i>) | Crop60 | The New Zealand Institute for Plant and Food Research Limited |
| Potato (<i>Solanum tuberosum</i>) | Safiyah | M. Higgins Ltd |
| Potato (<i>Solanum tuberosum</i>) | Lorimer | M. Higgins Ltd |
| Potato (<i>Solanum tuberosum</i>) | CAMMEO | Caithness Potatoes Holding BV |
| Potato (<i>Solanum tuberosum</i>) | KINGSMAN | Cygnnet PB Ltd |
| Buffalo Grass (<i>Stenotaphrum secundatum</i>) | DALSA0605 | The Texas A&M University System |
| Grape vine (<i>Vitis vinifera</i>) | Sheegene 3 | Sheehan Genetics LLC |
| Grape vine (<i>Vitis vinifera</i>) | Arrathirteen | ARD LLC (Agricultural Research & Development) |
| Grape vine (<i>Vitis vinifera</i>) | Arrafifteen | ARD LLC (Agricultural Research & Development) |
| Grape vine (<i>Vitis vinifera</i>) | Arranineteen | ARD LLC (Agricultural Research & Development) |
| Grape vine (<i>Vitis vinifera</i>) | ARRATWENTYEIGHT | ARD LLC (Agricultural Research & Development Limited Liability |

| | | Company) |
|---|----------------|---|
| Grape vine (<i>Vitis vinifera</i>) | ARRATWENTYNINE | ARD LLC (Agricultural Research & Development Limited Liability Company) |
| Everlasting Daisy (<i>Xerochrysum bracteatum</i>) | Bondre 1051 | Bonza Botanicals Pty Limited |

Plant Varieties Journal - Search Result Details

(*Escallonia hybrid*)

Variety: 'IB411-6'
Synonym: N/A

Application no: 2018/304
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Oct-2018
Accepted: 28-Nov-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



Plant Varieties Journal - Search Result Details

Bidens (*Bidens ferulifolia*)**Variety:** 'SUNBIDEVB 2'**Synonym:** N/A**Application no:** 2017/319**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Nov-2017**Accepted:** 20-Dec-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0247548500**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Buffalo Grass (*Stenotaphrum secundatum*)**Variety:** 'DALSA0605'**Synonym:** N/A**Application no:** 2016/386**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2016**Accepted:** 10-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: The Texas A&M University System**Agent:** Lawn Solutions Australia Group Pty Ltd**Telephone:** 1300883711**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)

Variety: 'Sunbel 871'
Synonym: N/A

Application no: 2017/131

Current status: ACCEPTED

Certificate no: N/A

Received: 02-May-2017

Accepted: 16-Jun-2017

Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Suntory Flowers

Agent: Oasis Horticulture Pty Limited

Telephone: 0247548500

Fax: N/A

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



Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)

Variety: 'Sunbel 789'
Synonym: N/A

Application no: 2017/133

Current status: ACCEPTED

Certificate no: N/A

Received: 02-May-2017

Accepted: 16-Jun-2017

Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Suntory Flowers Limited
Agent: Oasis Horticulture Pty Limited
Telephone: 0246548500
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Everlasting Daisy (*Xerochrysum bracteatum*)**Variety:** 'Bondre 1051'**Synonym:** N/A**Application no:** 2017/320**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Nov-2017**Accepted:** 11-May-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Bonza Botanicals Pty Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0247548500**Fax:** N/A

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



'Bondre 1051'

Plant Varieties Journal - Search Result Details

Fanflower (*Scaevola aemula*)**Variety:** 'Bonsca 1160'**Synonym:** N/A**Application no:** 2017/130**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-May-2017**Accepted:** 27-Jun-2017**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** Bonza Botanicals Pty Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0246548500**Fax:** N/A

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



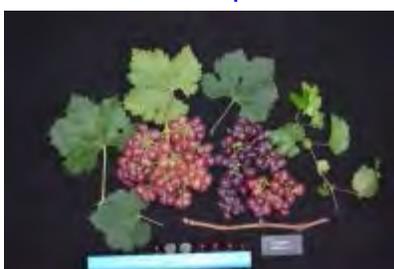
Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Sheegene 3'**Synonym:** N/A**Application no:** 2010/036**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Feb-2010**Accepted:** 05-Oct-2010**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sheehan Genetics LLC**Agent:** Joseph Ralli**Telephone:** N/A**Fax:** 0350247978

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Arrathirteen'**Synonym:** N/A**Application no:** 2014/222**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Sep-2014**Accepted:** 05-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: ARD LLC (Agricultural Research & Development)**Agent:** Romeos Best Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Arrafifteen'**Synonym:** N/A**Application no:** 2014/223**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Sep-2014**Accepted:** 05-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: ARD LLC (Agricultural Research & Development)**Agent:** Romeos Best Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Arranineteen'**Synonym:** N/A**Application no:** 2014/225**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Sep-2014**Accepted:** 05-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: ARD LLC (Agricultural Research & Development)**Agent:** Romeos Best Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'ARRATWENTYEIGHT'**Synonym:** N/A**Application no:** 2017/190**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Jun-2017**Accepted:** 17-Jul-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: ARD LLC (Agricultural Research & Development Limited Liability Company)**Agent:** Romeos Best Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'ARRATWENTYNINE'**Synonym:** N/A**Application no:** 2017/189**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Jun-2017**Accepted:** 17-Jul-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: ARD LLC (Agricultural Research & Development Limited Liability Company)**Agent:** Romeos Best Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Grevillea (*Grevillea hybrid*)**Variety:** 'GR01'**Synonym:** N/A**Application no:** 2016/191**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Jul-2016**Accepted:** 22-Sep-2016**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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





Plant Varieties Journal - Search Result Details

Industrial Hemp (*Cannabis sativa*)**Variety:** 'ECO-Excalibur'**Synonym:** N/A**Application no:** 2019/196**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Sep-2019**Accepted:** 03-Oct-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Ecofibre Limited**Agent:** N/A**Telephone:** 0732657630**Fax:** N/A

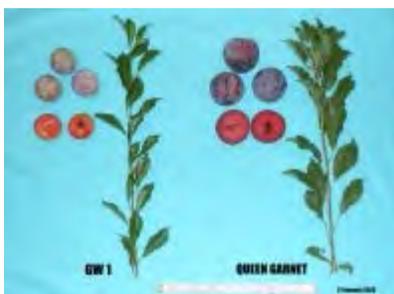
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)**Variety:** 'GW1'**Synonym:** N/A**Application no:** 2017/233**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Aug-2017**Accepted:** 14-Sep-2017**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** Vitaplum Technology Pty Ltd**Agent:** Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd**Telephone:** 0734919905**Fax:** 0734919929

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



Plant Varieties Journal - Search Result Details

Kiwifruit (*Actinidia chinensis*)**Variety:** 'Jinyan'**Synonym:** N/A**Application no:** 2017/015**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Feb-2017**Accepted:** 09-Nov-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Wuhan Botanical Garden, Chinese Academy of Sciences**Agent:** Griffith Hack**Telephone:** 0392438300**Fax:** 0392438333

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



Plant Varieties Journal - Search Result Details

Kiwifruit (*Actinidia chinensis*)**Variety:** 'Dong Hong'**Synonym:** N/A**Application no:** 2017/014**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Feb-2017**Accepted:** 14-Mar-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Wuhan Botanical Garden, Chinese Academy of Sciences**Agent:** Griffith Hack**Telephone:** 0392438300**Fax:** 0392438333

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



Plant Varieties Journal - Search Result Details

Lablab Bean (*Lablab purpureus*)**Variety:** 'LLW-025'**Synonym:** N/A**Application no:** 2020/033**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Mar-2020**Accepted:** 26-Mar-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



Plant Varieties Journal - Search Result Details

Lablab Bean (*Lablab purpureus*)**Variety:** 'LLW-024'**Synonym:** N/A**Application no:** 2020/032**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Mar-2020**Accepted:** 26-Mar-2020**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



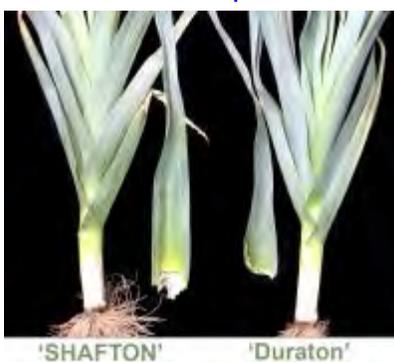
Plant Varieties Journal - Search Result Details

Leek (*Allium porrum*)**Variety:** 'SHAFTON'**Synonym:** N/A**Application no:** 2017/325**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Nov-2017**Accepted:** 05-Dec-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)

Variety: 'Carlosed'
Synonym: Carlos Apollo

Application no: 2011/253

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Nov-2011

Accepted: 10-Jan-2014

Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Allison Geraldine Robinson

Agent: N/A

Telephone: 0741611955

Fax: 0741611103

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



Plant Varieties Journal - Search Result Details

Mandevilla (*Mandevilla hybrid*)**Variety:** 'Sunparaosiro'**Synonym:** N/A**Application no:** 2017/126**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-May-2017**Accepted:** 10-May-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Suntory Flowers**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0247548500**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Narrow-Leafed Lupin (*Lupinus angustifolius*)**Variety:** 'Coyote'**Synonym:** N/A**Application no:** 2019/144**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Aug-2019**Accepted:** 24-Oct-2019**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** Western Australian Agriculture Authority; Grains Research and

Development Corporation

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

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



Plant Varieties Journal - Search Result Details

Phalaris (*Phalaris aquatica*)**Variety:** 'Horizon'**Synonym:** N/A**Application no:** 2018/028**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Feb-2018**Accepted:** 02-Mar-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: CSIRO Agriculture and Food**Agent:** N/A**Telephone:** 0262465092**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Poinsettia (*Euphorbia pulcherrima*)**Variety:** 'Bonpri 635'**Synonym:** N/A**Application no:** 2017/117**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Apr-2017**Accepted:** 27-Jun-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Bonza Botanicals Pty Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0246548500**Fax:** N/A

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



'Bonpri 635'

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Colomba'**Synonym:** N/A**Application no:** 2014/143**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Jul-2014**Accepted:** 25-Sep-2014**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: IPR B.V.**Agent:** Forth Farm Investments Pty Ltd**Telephone:** 0364282502**Fax:** 0364282952

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Ivetta'**Synonym:** N/A**Application no:** 2014/335**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2014**Accepted:** 28-Aug-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: EUROPLANT Pflanzenzucht GmbH**Agent:** Australian Seed Partners Pty Ltd**Telephone:** 0884077219**Fax:** 0884077400

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Captiva'**Synonym:** N/A**Application no:** 2014/336**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2014**Accepted:** 28-Aug-2015**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** EUROPLANT Pflanzenzucht GmbH**Agent:** Australian Seed Partners Pty Ltd**Telephone:** 0884077219**Fax:** 0884077400

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Cardinia'**Synonym:** N/A**Application no:** 2014/337**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2014**Accepted:** 28-Aug-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: EUROPLANT Pflanzenzucht GmbH**Agent:** Australian Seed Partners Pty Ltd**Telephone:** 0884077219**Fax:** 0884077400

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Montana'**Synonym:** N/A**Application no:** 2014/338**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2014**Accepted:** 28-Aug-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: EUROPLANT Pflanzenzucht GmbH**Agent:** Australian Seed Partners Pty Ltd**Telephone:** 0884077219**Fax:** 0884077400

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Gioconda'**Synonym:** N/A**Application no:** 2015/191**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Jul-2015**Accepted:** 24-Jul-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: IPR B.V., PJ and FP van der Zee**Agent:** Forth Farm Investments Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Cimega'**Synonym:** N/A**Application no:** 2015/074**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Apr-2015**Accepted:** 23-Apr-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Danespo A/S**Agent:** Mitolo Group Pty Ltd**Telephone:** 0882829000**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Linata'**Synonym:** N/A**Application no:** 2015/073**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Apr-2015**Accepted:** 23-Apr-2015**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Danespo A/S**Agent:** Mitolo Group Pty Ltd**Telephone:** 0882829000**Fax:** N/A

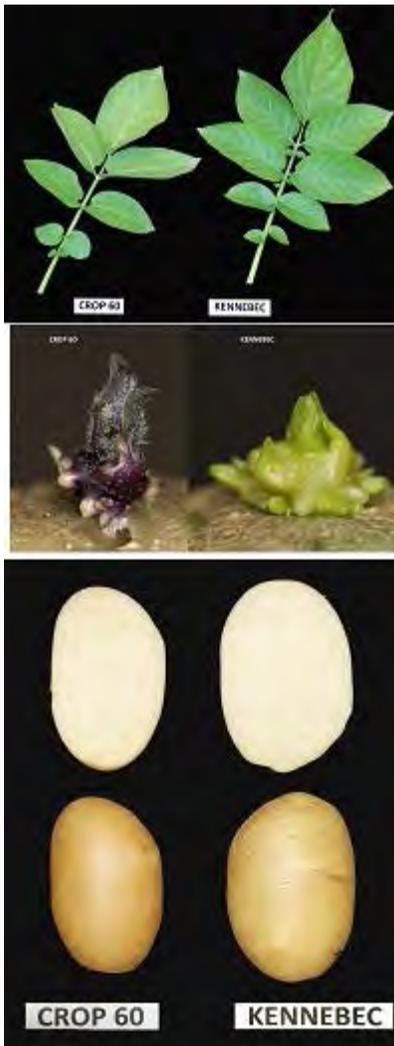
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Crop60'**Synonym:** N/A**Application no:** 2019/042**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Mar-2019**Accepted:** 29-Mar-2019**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** The New Zealand Institute for Plant and Food Research Limited
Agent: AJ Park
Telephone: 644470893
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Safiyah'**Synonym:** N/A**Application no:** 2017/084**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2017**Accepted:** 08-Dec-2017**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** M. Higgins Ltd**Agent:** Dowling Agritech**Telephone:** 0887230411**Fax:** 0887230433

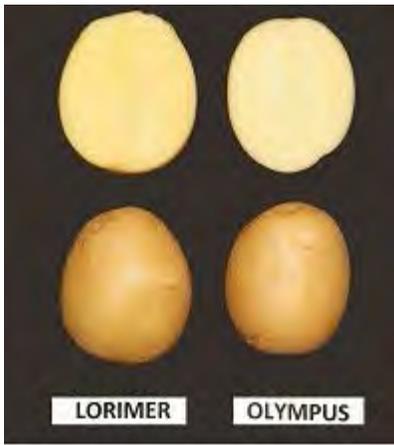
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Lorimer'**Synonym:** N/A**Application no:** 2017/083**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2017**Accepted:** 05-May-2017**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 33, Issue 1**Title Holder:** M. Higgins Ltd**Agent:** Dowling Agritech**Telephone:** 0887230411**Fax:** 0887230433

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



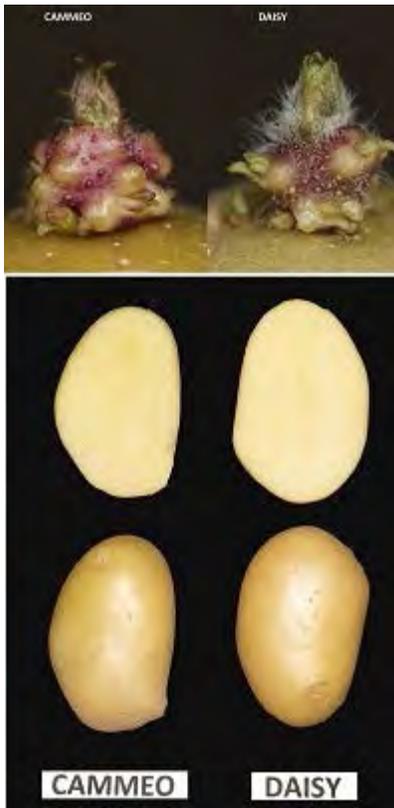
Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'CAMMEO'**Synonym:** N/A**Application no:** 2017/306**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Oct-2017**Accepted:** 13-Dec-2017**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Caithness Potatoes Holding BV**Agent:** South Australian Potato Company Pty Ltd**Telephone:** 0883910966**Fax:** 0883982325

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'KINGSMAN'
Synonym: N/A

Application no: 2018/277

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Sep-2018

Accepted: 20-Sep-2018

Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Cygnet PB Ltd
Agent: Elders Limited
Telephone: 0396096222
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Meidrason'**Synonym:** N/A**Application no:** 2005/126**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-May-2005**Accepted:** 05-Aug-2005**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Meilland International S.A.**Agent:** Kim Syrus**Telephone:** 0885586055**Fax:** 0885586095

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



Plant Varieties Journal - Search Result Details

Spanish Lavender (*Lavandula pedunculata*)

Variety: 'Senblu'
Synonym: N/A

Application no: 2013/226
Current status: ACCEPTED
Certificate no: N/A
Received: 06-Sep-2013
Accepted: 11-Oct-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: The Paradise Seed Company Pty. Ltd.
Agent: N/A
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Spanish Lavender (*Lavandula pedunculata*)

Variety: 'Senpur'
Synonym: N/A

Application no: 2013/229
Current status: ACCEPTED
Certificate no: N/A
Received: 06-Sep-2013
Accepted: 14-Oct-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: The Paradise Seed Company Pty. Ltd.

Agent: N/A
Telephone: N/A
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Spiny Headed Mat Rush (*Lomandra longifolia* x *Lomandra confertifolia* subsp. *Pallida*)**Variety:** 'Roma 13'**Synonym:** N/A**Application no:** 2013/084**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Apr-2013**Accepted:** 10-May-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Robert Harrison**Agent:** N/A**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA16'
Synonym: N/A

Application no: 2018/248
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2018
Accepted: 11-Sep-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA20'
Synonym: N/A

Application no: 2019/180
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 03-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'QS00-256'
Synonym: N/A

Application no: 2019/204
Current status: ACCEPTED
Certificate no: N/A
Received: 18-Sep-2019
Accepted: 04-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'QN08-2274'**Synonym:** N/A**Application no:** 2019/178**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Aug-2019**Accepted:** 03-Oct-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'WSRA24'
Synonym: N/A

Application no: 2019/193
Current status: ACCEPTED
Certificate no: N/A
Received: 05-Sep-2019
Accepted: 04-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia; Wilmar Sugar Pty Ltd
Agent: N/A
Telephone: 0749636805
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'WSRA17'
Synonym: N/A

Application no: 2019/194
Current status: ACCEPTED
Certificate no: N/A
Received: 05-Sep-2019
Accepted: 08-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia; Wilmar Sugar Pty Ltd
Agent: N/A
Telephone: 0749636805
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRAW18'
Synonym: N/A

Application no: 2019/195
Current status: ACCEPTED
Certificate no: N/A
Received: 05-Sep-2019
Accepted: 04-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia; Wilmar Sugar Pty Ltd
Agent: N/A
Telephone: 0749636805
Fax: N/A

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA26'
Synonym: N/A

Application no: 2019/185
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 04-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA21'
Synonym: N/A

Application no: 2019/184
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 04-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'QN08-1161'**Synonym:** N/A**Application no:** 2019/179**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Aug-2019**Accepted:** 03-Oct-2019**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA25'
Synonym: N/A

Application no: 2019/183
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 03-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA22'
Synonym: N/A

Application no: 2019/182
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 03-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'SRA19'
Synonym: N/A

Application no: 2019/181
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2019
Accepted: 03-Oct-2019
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Sugar Research Australia
Agent: N/A
Telephone: 0749636805
Fax: 0738710383

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



Plant Varieties Journal - Search Result Details

Sweet Orange (*Citrus sinensis*)**Variety:** 'DV'**Synonym:** N/A**Application no:** 2015/247**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Sep-2015**Accepted:** 29-Mar-2016**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Carol Davidson**Agent:** Variety Access Pty Ltd**Telephone:** 0741294147**Fax:** 0741294463

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



Plant Varieties Journal - Search Result Details

Thrift (*Armeria pseudarmeria*)**Variety:** 'Big Dreams'**Synonym:** N/A**Application no:** 2018/166**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Jun-2018**Accepted:** 04-Jul-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



'Big Dreams' 'Sweet dreams' 'Daydream' 'Bees Ruby'



Plant Varieties Journal - Search Result Details

Thrift (*Armeria pseudarmeria*)

Variety: 'Daydream'
Synonym: N/A

Application no: 2018/205
Current status: ACCEPTED
Certificate no: N/A
Received: 12-Jul-2018
Accepted: 25-Sep-2018
Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



Plant Varieties Journal - Search Result Details

Thrift (*Armeria pseudarmeria*)

Variety: 'Dreamland'
Synonym: N/A

Application no: 2018/204

Current status: ACCEPTED

Certificate no: N/A

Received: 12-Jul-2018

Accepted: 14-Aug-2018

Granted: N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

Title Holder: Plant Growers Australia

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362659050

Fax: 0362659919

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



Plant Varieties Journal - Search Result Details

Thrift (*Armeria pseudarmeria*)**Variety:** 'Sweet Dreams'**Synonym:** N/A**Application no:** 2018/206**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Jul-2018**Accepted:** 25-Sep-2018**Granted:** N/A

Description published in Plant Varieties Journal: Volume 33, Issue 1

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

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



| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2018/304 | |
| Variety Name | 'IB411-6' | |
| Genus Species | <i>Escallonia hybrid</i> | |
| Common Name | Escallonia | |
| Synonym | Nil | |
| Accepted Date | 28 Nov 2018 | |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC | |
| Agent | Plants Management Australia Pty Ltd, Dodges Ferry, TAS | |
| Qualified Person | Steve Eggleton | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | PBR <i>Escallonia</i> | |
| Period | April 2019 to Jan 2020 | |
| Conditions | Trial conducted in the open with overhead irrigation, plants propagated via cuttings in April 2019 and transferred to 140mm pots in August 2019. Pots 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 | | |
| A controlled breeding program was undertaken to produce a range of <i>Escallonia</i> hybrids that exhibited small foliage size, varying flower colours and dense plant habits. As part of the program controlled pollination took place in Summer 2010-2011 with the maternal parent <i>E. exoniensis fradesii</i> nana and the paternal parent 'Iveyi' white flowered form. Seed was collected and sown in June 2011 and grown to flowering maturity in Summer 2012. At this point fourteen selections were made and further grown on in field for evaluation. Cuttings were also taken from each selection for container production trials. In Feb 2015 this final selection was made on the basis of plant density dense, plant height short to medium, leaf length short and flower colour white. 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 | State of Expression in Group of Varieties |
| Plant | growth habit | upright to spreading |
| Plant | height | short to medium |
| Leaf | variegation | absent |
| Inflorescence | length | short |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| <i>E. exoniensis fradesii</i> nana | parental variety | |
| 'IB411-1' | | |
| 'IB411-7' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|--------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Peach Blossom' | Plant | height | short to medium | medium to tall | |
| 'Iveyi' | Plant | height | short to medium | tall | |

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

| Organ/Plant Part: Context | 'IB411-6' | <i>E. exoniensis fradesii nana</i> | 'IB411-1' | 'IB411-7' |
|--|----------------------|---|----------------------|----------------------|
| <input type="checkbox"/> Plant: growth habit | upright to spreading | upright to spreading | upright to spreading | upright to spreading |
| <input checked="" type="checkbox"/> plant: density of branches | dense | dense | medium to dense | medium |
| <input type="checkbox"/> Leaf: length | short | short | short | short |
| <input type="checkbox"/> Leaf: width | narrow to medium | narrow to medium | narrow to medium | narrow |
| <input type="checkbox"/> Young leaf: main colour of upper side | RHS chart | RHS chart | RHS chart | RHS chart |
| <input type="checkbox"/> Leaf: variegation | absent | absent | absent | absent |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute | acute | acute |
| <input type="checkbox"/> Leaf: incision on the margin | present | present | present | present |
| <input type="checkbox"/> Leaf: type of incision on the margin | serrate | serrate | serrate | serrate |
| <input type="checkbox"/> Inflorescence: type | panicle | panicle | panicle | panicle |
| <input type="checkbox"/> Inflorescence: length | short | short | short | short |
| <input type="checkbox"/> Inflorescence: width | medium | medium | medium | medium |

| Characteristics Additional to the Descriptor/TG | | | | |
|--|---------------------|---|---------------------|---------------------|
| Organ/Plant Part: Context | 'IB411-6' | <i>E. exoniensis fradesii nana</i> | 'IB411-1' | 'IB411-7' |
| <input type="checkbox"/> Leaf: colour of young leaf upper surface (RHS colour chart) | yellow-green ca144A | yellow-green ca144A | yellow-green ca144A | yellow-green ca144A |
| <input type="checkbox"/> Plant: height | short to medium | short | medium | - |
| <input type="checkbox"/> Stem: degree of rigidity | weak to medium | weak to medium | weak to medium | - |
| <input type="checkbox"/> New Stem: anthocyanin coloration | absent or very weak | weak | absent or very weak | - |
| <input type="checkbox"/> New Stem: pubescence | absent | absent | absent | absent |
| <input type="checkbox"/> Corolla tube: colour of outer side (RHS chart) | white NN155B | red-purple N57A and Red-purple 69D | red-purple 62D | red-purple 73B |
| <input checked="" type="checkbox"/> New Stem: colour (RHS colour | yellow-green | yellow-green | yellow- | orange-red |

| | | | | |
|--|--------------------|---------------------------------------|---------------------------------------|--------------------------------------|
| chart) | 145C | 145C | green 145A | N34A |
| <input type="checkbox"/> Leaf: number of incision | moderate | few | many | - |
| <input type="checkbox"/> Inflorescence: flower density | dense | dense | medium to dense | - |
| <input type="checkbox"/> Mature Leaf: main colour of upper side (RHS colour chart) | green N137A | green N137A | green N137A | green N137A |
| <input checked="" type="checkbox"/> Flower: bud colour (RHS colour chart) | white NN155B | red-purple 60A | red-purple N57A and red-purple 62C | red-purple 58B and 62C |
| <input checked="" type="checkbox"/> Corolla Lobe: reflex | weak to medium | very weak | very strong | - |
| <input type="checkbox"/> Flower: calyx colour (RHS colour chart) | yellow-green 144AB | yellow-green 144AB and red-purple 71A | yellow-green 144BC and red-purple 71A | yellow-green 144C and red-purple 71A |
| <input checked="" type="checkbox"/> Corolla lobe: colour of upper side (RHS chart) | white NN155B | red-purple N57A and red-purple 62A | red-purple 62A | red-purple 73B |

Prior Applications:Nil

First sold in Australia in Nov 2017.

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

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2017/319 | |
| Variety Name | 'Sunbidevb 2' | |
| Genus Species | <i>Bidens ferulifolia</i> | |
| Common Name | Bidens | |
| Accepted Date | 20 Dec 2017 | |
| Applicant | Suntory Flowers Limited, Minato-ku, Tokyo, JAPAN | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Plant Breeders' Rights Office Canadian Food Inspection Agency | |
| Overseas Data Reference Number | 15-8546 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | PBR Gen Des | |
| Period | July 2018 -October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate blocks side by side | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The new variety 'SUNBIDEVB 2' developed from a controlled pollination between two unnamed proprietary <i>Bidens</i> selections (the male parent was a seedling from the variety 'Yellow Charm') carried out in December 2008 in Fukaya, Saitama, Japan. The variety was first observed and selected in July 2011, the first propagation (cuttings) also occurred in July 2011; all in Fukaya, Saitama, Japan. Selection was based on growth habit, flower size and flower colour. Since July 2011, many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. Breeder: Kazunori Sato | | |
| 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 | type | single |
| Flower | colour | patterned red, yellow and brown tones |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Sunbidevb3' | | |
| 'Danyel9' | | |
| 'Sunbidevb2' | | |
| 'KOIBID1346' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|-------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Danyel9' | Stem | anthocyanin colouration | strong | weak to absent | |
| 'Danyel9' | Leaf | margin | serrated | entire | |

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

| Organ/Plant Part: Context | 'Sunbidevb 2' | 'Sunbidevb 2' (Canadian data) | 'KOIBID1346' (Canadian data) | 'Sunbidevb3' (Canadian data) |
|--|---------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> Plant: height | short to medium | short to medium | tall | very short to short |
| <input type="checkbox"/> Stem: degree of hairiness | absent or low | absent or low | absent or low | absent or low |
| <input type="checkbox"/> Stem: presence of anthocyanin in new growth | present | present | present | Present |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | very strong | very strong | very strong | very strong |
| <input type="checkbox"/> Leaf: leaf type | compound | compound | compound | Compound |
| <input type="checkbox"/> Leaf: arrangement | opposite and decussate | opposite | opposite | Opposite |
| <input checked="" type="checkbox"/> Leaf: length of blade | medium | medium | short | short |
| <input type="checkbox"/> Leaf: shape of apex | mucronate | mucronate | mucronate | Mucronate |
| <input type="checkbox"/> Leaf: shape of base | attenuate | attenuate | attenuate | Attenuate |
| <input type="checkbox"/> Leaf: incision of margin | present | present | present | Present |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium | medium | medium | Medium |
| <input type="checkbox"/> Leaf: green colour | medium to dark | dark | dark | dark |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent | absent |
| <input type="checkbox"/> Bract: shape | linear | linear | linear | linear |
| <input type="checkbox"/> Bract: degree of reflex | medium | medium | medium | medium |
| <input type="checkbox"/> Bract: shape of apex | acute | acute | acute | acute |
| <input type="checkbox"/> Bract: primary colour (RHS colour chart) | 137A | 137A | 137A | 137A |
| <input type="checkbox"/> Bract: secondary colour (RHS colour chart) | tip closest to 165A margin 164A | | | |
| <input type="checkbox"/> Flower: type | single | single | single | single |

| Characteristics Additional to the Descriptor/TG | | | | |
|---|----------------------|--|---|---|
| Organ/Plant Part: Context | ‘Sunbidevb 2’ | ‘Sunbidevb 2’ (Canadian data) | ‘KOIBID1346’ (Canadian data) | ‘Sunbidevb3’ (Canadian data) |
| <input type="checkbox"/> Growth : habit | bushy and spreading | bushy and spreading | bushy and spreading | bushy and spreading |
| <input type="checkbox"/> Leaf: shape | trifoliolate | | | |
| <input type="checkbox"/> Leaf: depth of incision | deep | weak to deep | weak to deep | weak to deep |
| <input checked="" type="checkbox"/> Ray floret colour: Upper side newly opened main colour of base (florets in outer whorl opened) | brighter than 9A | brighter than 9A | brighter than 9A | ca N34A |
| <input checked="" type="checkbox"/> Ray floret colour: Upper side newly opened main colour (florets in outer whorl opened) | red 44A with 45A | closest to 42A | Red 45A | brighter than 14A |
| <input checked="" type="checkbox"/> Ray floret : lower side newly opened main colour of base (florets in outer whorl opened) | 9A with N172A/B | 9A | 9A with N172A/B | N34A |
| <input checked="" type="checkbox"/> Ray floret: lower side newly opened main colour (florets in outer whorl opened) | N172A/B | closest to 42A/B | N172A/B | N172A |
| <input checked="" type="checkbox"/> Ray floret: Upper side fully opened main colour of base (most florets opened) | 9A | brighter than 9A | brighter than 9A | N34A |
| <input checked="" type="checkbox"/> Ray floret: Upper side fully opened main colour (most florets opened) | 44A/B | closest to 42A/B | 44A/B | brighter than 14A/B |
| <input checked="" type="checkbox"/> Ray floret: lower side fully opened main colour of base (most florets opened) | 9A | 9A | 9A | 178B/C |
| <input checked="" type="checkbox"/> Ray floret: lower side fully opened main colour (most florets opened) | N172C | closest to 169A/B | N172C | 14A/B |
| <input type="checkbox"/> Ray floret: Main colour of base Upper side newly opened (florets in outer whorl opened) | brighter than 9A | | | |
| <input type="checkbox"/> Ray floret: Upper side newly opened (florets in outer whorl opened) | 44A with 45A | | | |
| <input type="checkbox"/> Ray floret: Main colour of base Lower side newly opened (florets in outer | 9A with N172A- B | | | |

| | | | | |
|--|---------|--|--|--|
| whorl opened) | | | | |
| <input type="checkbox"/> Ray floret: Main colour Lower side newly opened (florets in outer whorl opened) | N172A-B | | | |
| <input type="checkbox"/> Ray floret: Main colour of base Upper side fully opened | 9A | | | |
| <input type="checkbox"/> Ray floret: Main colour of base Lower side newly opened | 9A | | | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2015 | Granted | 'Sunbidevb 2' |
| Canada | 2015 | Pending | 'Sunbidevb 2' |
| Japan | 2016 | Pending | 'Sunbidevb 2' |
| EU | 2015 | Granted | 'Sunbidevb 2' |

First sold in the USA, October 2015

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2016/386 | |
| Variety Name | 'DALSA0605' | |
| Genus Species | <i>Stenotaphrum secundatum</i> | |
| Coon Name | Buffalo Grass | |
| Accepted Date | 10 May 2017 | |
| Applicant | The Texas A&M University System, College Station, Texas, USA | |
| Agent | Lawn Solutions Australia Group Pty Ltd, Berry, NSW | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Location | Jaspers Brush, NSW | |
| Descriptor | PBR BUFF | |
| Period | September 2017 to March 2018 | |
| Conditions | Trial planted into 200 pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required. | |
| Trial Design | Twelve pots of each variety arranged in a completely randomised design. | |
| Measurements | From 10 plants at random. | |
| RHS Chart - edition | 2015 | |
| Origin and Breeding | | |
| Controlled pollination: seed parent TAES 5382 x pollen parent 'SS100' syn 'Palmetto' in 2004 at Dallas, Texas, USA. The seed parent is characterised by fertile flowers. The pollen parent is characterised by fertile flowers, white stigma colour, short leaf length and short-medium stolon internode length. Embryos recovered and grown in vitro. Plantlets, including individual selection DALSA 0605, were transplanted to greenhouse and grown on. 2005: Tissue samples sent to lab for DNA analysis (including parent varieties) 2007-2013: field trials to establish traits and DUS. Selection criteria: tolerance to gray leaf spot disease, sterility, good drought tolerance, deep rooting potential. Propagation: vegetative cuttings and divisions were found to be uniform and stable. Breeders: A. Chandra, M. Engelke, A. Genovesi, The Texas A & M University System, Texas, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Coon Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Plant | vigour | medium strong to strong |
| Plant | height | medium-long |
| Most Similar Varieties of Coon Knowledge identified (VCK) | | |
| Name | Coents | |
| 'Sir Walter' | | |
| 'B12' | | |
| 'Kings Pride' | | |
| 'Ned Kelly' | | |

| Varieties of Coon Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|---------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'SS100' | Leaf blade | length | medium-long | short | |
| 'SS100' | Flower | stigma colour | purple | white | |
| 'SS100' | Inflorescence | fertility | sterile | fertile | pollen parent |
| 'Shademaster' | Inflorescence | fertility | sterile | fertile | |
| 'Marine' | Inflorescence | fertility | sterile | fertile | |
| 'Matilda' | Inflorescence | fertility | sterile | fertile | |

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

| Organ/Plant Part: Context | 'DALSA0605' | 'B12' | 'Kings Pride' | 'Ned Kelly' | 'Sir Walter' |
|--|---------------------|--------------------------|----------------------|--------------------------|---------------------|
| <input type="checkbox"/> Plant: vigour | strong | medium to strong | strong | strong | strong |
| <input type="checkbox"/> Plant: height | medium to long | medium | medium to long | medium | medium |
| <input checked="" type="checkbox"/> Internode: length | medium to long | medium | long to very long | very long | medium |
| <input checked="" type="checkbox"/> Internode: width | broad | medium to broad | medium | medium | medium |
| <input checked="" type="checkbox"/> Internode: colour (exposed) (RHS colour chart) | N199A | N199B | 200B | 177A | 200C |
| <input checked="" type="checkbox"/> Internode: colour (unexposed) (RHS colour chart) | N199A | N199A | N199A | N199A | N199C |
| <input checked="" type="checkbox"/> Leaf blade: length | long to very long | medium | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf blade: width | broad to very broad | narrow to medium | medium to broad | medium | broad |
| <input type="checkbox"/> Leaf blade: surface | glabrous | glabrous | glabrous | glabrous | glabrous |
| <input type="checkbox"/> Leaf blade: shape of apex | acute | acute | broad-acute | obtuse | obtuse |
| <input checked="" type="checkbox"/> Leaf blade: attitude | erect | horizontal to semi-erect | semi-erect to erect | horizontal to semi-erect | semi-erect to erect |
| <input type="checkbox"/> Leaf blade: hairiness | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> Stolon: degree of branching | strong | strong | medium to strong | low to medium | medium to strong |
| <input type="checkbox"/> Leaf: length of sheath | medium | medium | medium | medium to long | short to medium |
| <input checked="" type="checkbox"/> Stolon: length of longest runner | short to medium | medium to long | long | long to very long | medium |

| Statistical Table | | | | | |
|--|--------------------|--------------|----------------------|--------------------|---------------------|
| Organ/Plant Part: Context | 'DALSA0605' | 'B12' | 'Kings Pride' | 'Ned Kelly' | 'Sir Walter' |
| <input checked="" type="checkbox"/> Internode: length (mm) | | | | | |
| Mean | 46.40 | 42.60 | 60.60 | 65.30 | 41.90 |
| Std. Deviation | 8.40 | 9.40 | 12.00 | 9.70 | 5.20 |
| LSD/sig | 7.84 | ns | P≤0.01 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Internode: width (mm) | | | | | |
| Mean | 4.10 | 3.50 | 3.30 | 3.20 | 3.00 |
| Std. Deviation | 0.70 | 0.40 | 0.30 | 0.30 | 0.20 |
| LSD/sig | 0.3 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Stolon: Leaf blade width 4th internode (mm) | | | | | |
| Mean | 5.90 | 5.80 | 6.10 | 6.00 | 6.40 |
| Std. Deviation | 0.80 | 0.30 | 0.50 | 0.80 | 0.80 |
| LSD/sig | 0.57 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Leaf: length of sheath (mm) | | | | | |
| Mean | 22.10 | 25.00 | 21.40 | 27.10 | 16.70 |
| Std. Deviation | 2.90 | 3.10 | 2.40 | 5.80 | 2.50 |
| LSD/sig | 3.03 | ns | ns | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: length (mm) | | | | | |
| Mean | 29.90 | 36.60 | 41.30 | 43.60 | 32.60 |
| Std. Deviation | 9.10 | 9.60 | 5.50 | 15.50 | 6.60 |
| LSD/sig | 8.4 | ns | P≤0.01 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Leaf: length of longest leaf (mm) | | | | | |
| Mean | 97.80 | 68.50 | 74.90 | 70.10 | 68.40 |
| Std. Deviation | 11.00 | 11.30 | 14.20 | 10.40 | 14.80 |
| LSD/sig | 10.61 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: width of longest leaf (mm) | | | | | |
| Mean | 8.40 | 5.90 | 6.40 | 6.30 | 5.70 |
| Std. Deviation | 1.00 | 0.60 | 0.70 | 0.70 | 0.60 |
| LSD/sig | 0.63 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: Leaf blade length 4th internode (mm) | | | | | |
| Mean | 35.40 | 20.80 | 19.50 | 29.30 | 21.80 |
| Std. Deviation | 4.90 | 1.40 | 2.00 | 4.10 | 3.70 |
| LSD/sig | 2.96 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2015 | Accepted | 'Dalsa0605' |

Description: Ian Paananen, Macmasters Beach, NSW

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2017/131 | |
| Variety Name | 'Sunbel 871' | |
| Genus Species | <i>Calibrachoa</i> hybrid | |
| Common Name | Calibrachoa | |
| Accepted Date | 16 Jun 2017 | |
| Applicant | Suntory Flowers, Minato-ku, Tokyo, JAPAN | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW, | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Plant Breeders' Rights Office Canadian Food Inspection Agency | |
| Overseas Data Reference Number | 13-8151 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | TG/207/1 | |
| Period | July 2018 -October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate blocks side by side | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The new variety 'Sunbel 871' developed from a controlled pollination between <i>Calibrachoa</i> proprietary selection '10C204' (female parent) and <i>Calibrachoa</i> proprietary selection '8739-1' (pollen parent) carried out in June 2010 in Higashiomi, Shiga, Japan. The variety was first observed and selected in August 2011, the first propagation (cuttings) also occurred in August 2011; all in Higashiomi, Shiga, Japan. Selection was based on plant habit, abundance of branching and flowering, and flower colour. Since August 2011, many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Corolla lobe | main colour of upper side | red |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Sunbel 871' | | |
| 'Suncalred' | | |
| 'Kleca07145' | | |
| 'Kakegawa S62' | | |
| 'Balcalred' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|---------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Balcalred' | Plant | habit | upright to semi upright | creeping | |
| 'Balcalred' | Corolla lobe | main colour of upper side | darker than 53A | 45A | |
| 'Kakegawa S62' | Plant | habit | upright to semi upright | creeping | |
| 'Kakegawa S62' | Corolla lobe | main colour of upper side | darker than 53A | 46B | |

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

| Organ/Plant Part: Context | 'Sunbel 871' | 'Kleca07145' (Canadian data) | 'Sunbel 871' (Canadian data) | 'Suncalred' (Canadian data) |
|---|----------------------------------|---|---|--|
| <input checked="" type="checkbox"/> *Plant: height | medium to tall | short to medium | medium to tall | medium to tall |
| <input checked="" type="checkbox"/> *Leaf blade: length | short to medium | medium to long | short to medium | medium |
| <input type="checkbox"/> Leaf blade: shape of apex | broad acute | broad acute | broad acute | broad acute |
| <input type="checkbox"/> *Leaf blade: variegation | absent | Absent | absent | absent |
| <input checked="" type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only) | dark | light to medium | dark | medium |
| <input type="checkbox"/> Sepal: anthocyanin colouration | present | | | |
| <input type="checkbox"/> *Flower: type | single | single | single | single |
| <input type="checkbox"/> *Flower: diameter | medium to large | small to medium | large to very large | medium |
| <input type="checkbox"/> Flower: degree of lobing | medium | medium | medium | medium |
| <input type="checkbox"/> *Corolla lobe: number of colours of upper side | one | one | one | one |
| <input checked="" type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart) | darker than 53A | 53A-B | darker than 53A | 53B-C |
| <input type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side | weak to medium | weak to medium | weak to medium | very weak to weak |
| <input type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart) | base 12A, distal closest to 166A | base 12A, distal closest to 166A | base 12A, distal closest to 166A | base 12A, distal closest to 166A |

| Characteristics Additional to the Descriptor/TG | | | | |
|--|--------------------------------|--|--|--------------------------------------|
| Organ/Plant Part: Context | 'Sunbel 871' | 'Kleca07145' (Canadian data) | 'Sunbel 871' (Canadian data) | 'Suncaled' (Canadian data) |
| <input type="checkbox"/> Plant: growth habit | semi-upright | upright to semi-upright | upright to semi-upright | upright to semi-upright |
| <input checked="" type="checkbox"/> corolla lobe: colour at transition to corolla tube | darker than 53A (no change) | 53A and N186C | darker than 53A (no change) | darker than 53A (no change) |
| <input type="checkbox"/> corolla lobe: shape of apex | rounded to truncate | rounded to truncate | rounded to truncate | rounded to truncate |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2013 | Granted | 'Sunbel 871' |
| Canada | 2013 | Granted | 'Sunbel 871' |
| Japan | 2015 | Pending | 'Sunbel 871' |

First sold in the USA, October 2014

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2017/133 | |
| Variety Name | 'Sunbel 789' | |
| Genus Species | <i>Calibrachoa</i> hybrid | |
| Common Name | Calibrachoa | |
| Accepted Date | 16 Jun 2017 | |
| Applicant | Suntory Flowers Limited, Minato-ku, Tokyo, JAPAN | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Plant Breeders' Rights Office Canadian Food Inspection Agency | |
| Overseas Data Reference Number | 13-8152 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | TG 207/1 | |
| Period | July 2018 - October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate blocks side by side | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The new variety 'Sunbel 789' developed from a controlled pollination between <i>Calibrachoa</i> proprietary selection '10C244' (female parent) and <i>Calibrachoa</i> proprietary selection '8711-1' (pollen parent) carried out in June 2010 in Higashiomi, Shiga, Japan. The variety was first observed and selected in August 2011, the first propagation (cuttings) also occurred in August 2011; all in Higashiomi, Shiga, Japan. Selection was based on plant habit, abundance of branching and flowering, and flower colour. Since August 2011, many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. Breeders: Takeshi Kanaya, Kiyoshi Miyazaki, and Yasuyuki Murakami. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Corolla lobe | main colour | white |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Balcabwite' | | |
| 'Sunbelkuho' | | |
| 'Sunbelho' | | |
| 'Kakegawa S65' | | |
| 'SAKCAL 108' | | |
| 'Sunbel 789' | | |

| 'Suncalho' | | | | | |
|---|--------------------------------|------------------------|--|---|----------|
| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Sunbelkuho' | Flower | diameter | medium | large | |
| 'Sunbelho' | Flower | diameter | medium | small | |
| 'Kakegawa S65' | Corolla tube | main colour inner side | 7A | 153C | |
| 'Kakegawa S65' | Plant | height | shorter | taller | |
| 'Balcabwite' | Plant | height | shorter | taller | |
| 'Balcabwite' | Leaf blade | shape of apex | obtuse | broad acute | |

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

| Organ/Plant Part: Context | 'Sunbel 789' | 'SAKCAL 108' (Canadian data) | 'Sunbel 789' (Canadian data) | 'Suncalho' (Canadian data) |
|--|-----------------|------------------------------|------------------------------|----------------------------------|
| <input type="checkbox"/> Plant: growth habit | creeping | upright | semi-upright | semi-upright |
| <input checked="" type="checkbox"/> *Plant: height | short | very short to short | short to medium | short to medium |
| <input checked="" type="checkbox"/> *Shoot: length | medium | short | medium | medium to long |
| <input checked="" type="checkbox"/> *Leaf blade: length | short to medium | short to medium | short to medium | medium to long |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent | absent | absent |
| <input type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only) | medium | medium | medium | medium |
| <input type="checkbox"/> *Flower: type | single | single | single | single |
| <input checked="" type="checkbox"/> *Flower: diameter | medium | small | medium | large |
| <input type="checkbox"/> Flower: degree of lobing | medium | medium | medium | medium |
| <input type="checkbox"/> *Corolla lobe: number of colours of upper side | one | one | one | one |
| <input type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart) | RHS NN155D | RHS NN155D | RHS NN155D | RHS NN155D |
| <input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart) | RHS 7A | RHS 12A | RHS 7A | lighter than 155C with 5A-B area |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Sunbel 789' | 'SAKCAL 108' (Canadian data) | 'Sunbel 789' (Canadian data) | 'Suncalho' (Canadian data) |
|---|--------------|------------------------------|------------------------------|----------------------------|
| <input checked="" type="checkbox"/> corolla lobe: shape of apex | rounded | truncate | rounded | rounded and |

| | | | | |
|---|--------|-------------|--------|-----------------------|
| | | | | truncate |
| <input checked="" type="checkbox"/> Leaf blade: shape of apex | obtuse | broad acute | obtuse | broad acute to obtuse |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2013 | Granted | 'Sunbel 789' |
| Canada | 2013 | Granted | 'Sunbel 789' |

First sold in the USA, October 2014

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2017/320 | |
| Variety Name | 'Bondre 1051' | |
| Genus Species | <i>Xerochrysum bracteatum</i> | |
| Common Name | Everlasting Daisy | |
| Accepted Date | 11 May 2018 | |
| Applicant | Bonza Botanicals Pty Limited, Yellow Rock, NSW | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Plant Breeders' Rights Office Canadian Food Inspection Agency | |
| Overseas Data Reference Number | 14-8476 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | TG/205/1 | |
| Period | July 2018 - October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate block | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: 'Bondre 1051' was first selected in March 2010 from a population of seedlings from the August 2009 crossing of female proprietary <i>Xerochrysum</i> selection '09-20' with male proprietary <i>Xerochrysum</i> selection '09-72'. All work was done at Yellow Rock. Selection criteria included compact vigorous growth habit, double flower type, and rose pink bract colour. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Breeder: Shaun Rebello | | |
| 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 |
| Involucre | main colour | pink |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Bondre1051' | | |
| 'KLEBB05351' | | |
| 'colourburst pink' | | |
| 'NN-99131A' | | |
| 'Bondrelaipei' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|---|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Colourburst pink' | Leaf | length | shorter | longer | |
| 'Colourburst pink' | flower bud | colour | 187B-C | 60A to 62C | |
| 'NN-99131A' | Flower head | predominant position in relation to foliage | far above | level | |
| 'KLEBB05351' | Flower | fully open inner bract tip colour | RHS red purple group, lighter (67A) | RHS red purple group, darker (59A-B) | |

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

| Organ/Plant Part: Context | 'Bondre 1051' | 'Bondre1051' (Canadian data) | 'Bondrelaipei' (Canadian data) |
|--|----------------------|--|--|
| <input type="checkbox"/> Plant: growth habit (bushy types only) | upright | upright | upright |
| <input checked="" type="checkbox"/> Stem: hairiness | medium | medium | strong |
| <input type="checkbox"/> Leaf: position of broadest part | middle third | middle third | middle third |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute | acute |
| <input type="checkbox"/> *Leaf: variegation | absent | absent | absent |
| <input type="checkbox"/> Leaf: main colour of upper side | medium green | medium green | medium green |
| <input type="checkbox"/> Leaf: hairiness of upper side | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: hairiness of lower side | absent or weak | absent or weak | medium |
| <input type="checkbox"/> Leaf: undulation of margin | absent or weak | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> Flower bud: main colour (RHS colour chart) | 187B-C | 187B-C with 185C towards apex | 155D and 158A with 186A-B at tip |
| <input checked="" type="checkbox"/> Flower head: predominant position in relation to foliage | far above | far above | slightly below to slightly above |
| <input type="checkbox"/> Flower head: side view of lower part | concave | concave | concave |
| <input type="checkbox"/> Flower head: side view of upper part | concave | concave | concave |
| <input type="checkbox"/> *Involucre: number of colours | only one | only one | only one |
| <input type="checkbox"/> *Involucre: main colour | pink | pink | pink |
| <input type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart) | 155D | 155D | NN155D |
| <input checked="" type="checkbox"/> Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart) | 60C-D | 60C-D | 65A |
| <input checked="" type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart) | 60B-C | 60B | 68A |

| | | | |
|--|--------|--------------|-----------------------------|
| colour chart) | | | |
| <input checked="" type="checkbox"/> Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart) | 59C | 59C and 185C | 65B with white undertones |
| <input checked="" type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart) | 187C-D | 187B-C | 65A-B with white undertones |
| <input type="checkbox"/> Pappus: colour | yellow | yellow | yellow |

| Characteristics Additional to the Descriptor/TG | | | |
|---|----------------------|--|--|
| Organ/Plant Part: Context | 'Bondre 1051' | 'Bondre1051' (Canadian data) | 'Bondrelaipei' (Canadian data) |
| <input checked="" type="checkbox"/> Flower bud: profile of apex | pointed to rounded | pointed to rounded | rounded |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2015 | Granted | 'Bondre 1051' |
| Japan | 2016 | Pending | 'Bondre 1051' |
| Canada | 2014 | Granted | 'Bondre 1051' |

First sold in the USA, Nov 2014

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2017/130 | |
| Variety Name | 'Bonsca 1160' | |
| Genus Species | <i>Scaevola aemula</i> | |
| Common Name | Fanflower | |
| Accepted Date | 27 Jun 2017 | |
| Applicant | Bonza Botanicals Pty Limited, Yellow Rock, NSW | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Plant Breeders' Rights Office Canadian Food Inspection Agency | |
| Overseas Data Reference Number | 14-8195 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | PBR SCAE | |
| Period | July 2018 - October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate blocks side by side | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Open pollination: 'Bonsca 1160' was first selected from seedlings from open pollinated seed generated from a mix of <i>Scaevola aemula</i> proprietary selections between October 2009 to April 2010 at Yellow Rock, NSW. It was propagated for the first time, vegetatively, on 15th March 2011. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Breeders: Dr. Andrew Bernuetz and Mirza Mohammed Shoaib. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Flower | main colour of upper side | white |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Bomy Whit' | | |
| 'Scawihatis' | | |
| 'White Champion' | | |
| 'Scahawit' | | |
| 'Bonscawi' | | |
| 'Whirlwind White' | | |
| 'Bonsca 1160' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|-------------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Bomy White' | throat | pattern of yellow colouration | slightly spreading into base petal area | within throat | |
| 'Scawihatis' | throat | pattern of yellow colouration | slightly spreading into base petal area | strongly spreading into base petal area | |
| 'White Champion' | Leaf | apex | obtuse | broadly acute | |
| 'White Champion' | Leaf | colour mature upper side | 137A | 147B | |
| 'Scahawit' | Leaf | apex | obtuse | acute | |
| 'Scahawit' | Leaf | shape | narrowly spathulate | elliptic to obovate | |
| 'Bonscawi' | Leaf | shape | narrowly spathulate | obovate | |
| 'Bonscawi' | Flower | diameter | larger | smaller | |

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

| Organ/Plant Part: Context | 'Bonsca 1160' | 'Bonsca1160' (Canadian test report data) | 'Whirlwind White' (Canadian test report data) |
|--|-------------------------|--|--|
| <input type="checkbox"/> Plant: type | groundcover | | |
| <input checked="" type="checkbox"/> Plant: height | very short | very short | short |
| <input checked="" type="checkbox"/> Plant: width | very narrow to narrow | very narrow to narrow | medium to broad |
| <input type="checkbox"/> Plant: density | medium to dense | | |
| <input type="checkbox"/> Stem: attitude | semi-erect | | |
| <input type="checkbox"/> Stem: anthocyanin colouration | absent or very weak | | |
| <input type="checkbox"/> Stem: colour | greenish | greenish | greenish |
| <input type="checkbox"/> Leaf: texture | medium | | |
| <input type="checkbox"/> Leaf: shape | spathulate | spathulate | spathulate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | attenuate | attenuate | attenuate |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium to strong | | |
| <input type="checkbox"/> Leaf: glossiness of lower side | slight | | |
| <input type="checkbox"/> Leaf: degree of hairiness of lower side | very weak to weak | absent or very weak | very weak to weak |
| <input type="checkbox"/> Leaf: incision of margin | present | | |
| <input type="checkbox"/> Leaf: depth of incision of margin | very shallow to shallow | | |
| <input type="checkbox"/> Leaf: undulation of margin | very weak to weak | | |

| | | | |
|--|-----------------------|--------------|-----------------------------|
| <input type="checkbox"/> Leaf: colour of lower side (RHS colour chart) | 137B | medium green | medium green |
| <input type="checkbox"/> Leaf: colour of upper side (RHS colour chart) | 137B | | |
| <input type="checkbox"/> Corolla: main colour | white | white | white |
| <input type="checkbox"/> Corolla: stripes on petals (upper side) | absent | | |
| <input type="checkbox"/> Corolla: stripes on petals (lower side) | absent | | |
| <input type="checkbox"/> Petal: width | narrow to medium | | |
| <input type="checkbox"/> Petal: overlapping of bases | absent or very slight | | |
| <input type="checkbox"/> Petal: main colour of middle zone (upper side) (RHS colour chart) | NN155D | NN155D | NN155D with 155B centre rib |
| <input type="checkbox"/> Petal: main colour of margin (upper side) (RHS colour chart) | 155C | | |
| <input type="checkbox"/> Petal: main colour of middle zone (lower side) (RHS colour chart) | 155D | | |
| <input type="checkbox"/> Petal: main colour of margin (lower side) (RHS colour chart) | 155C | | |
| <input type="checkbox"/> Petal: throat colour | yellow | yellow | yellow |
| <input type="checkbox"/> Petal: size of eye on upper side | medium | | |
| <input type="checkbox"/> Petal: colour of eye on upper side | yellow-green | | |
| <input type="checkbox"/> Indusium: colour | white | | |
| <input type="checkbox"/> Indusium: degree of hairiness | strong | | |

| Characteristics Additional to the Descriptor/TG | | | |
|---|-------------------------|--|---|
| Organ/Plant Part: Context | 'Bonsca 1160' | 'Bonsca1160' (Canadian test report data) | 'Whirlwind White' (Canadian test report data) |
| <input checked="" type="checkbox"/> Inflorescence: length of flowering stem | short | short | very long |
| <input type="checkbox"/> Plant: growth habit | semi erect to spreading | | |
| <input type="checkbox"/> Stem : attitude | erect to semi erect | | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2014 | Granted | 'Bonsca 1160' |
| Canada | 2014 | Granted | 'Bonsca 1160' |
| Japan | 2016 | Pending | 'Bonsca 1160' |

First sold in the USA, October 2014

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|---|---|---|
| Details of Application | | |
| Application Number | 2010/036 | |
| Variety Name | 'Sheegene 3' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 05 Oct 2010 | |
| Applicant | Sheehan Genetics LLC, Porterville, California, USA | |
| Agent | Joseph Ralli, Irymple, VIC | |
| Qualified Person | Alison MacGregor | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Department of Agriculture, Republic of South Africa | |
| Overseas Data Reference Number | ZA20114890 | |
| Location | Clovelly, Hex River, South Africa. Overseas data was verified in Cardross, VIC | |
| Descriptor | TG/50/9 | |
| Period | 2010-2015 | |
| Conditions | Vines of the candidate variety were planted in a commercial vineyard in North West Victoria. Approximately 0.1 hectares of the candidate was planted in three adjacent rows. The rest of the patch was planted to Ralli Seedless grapes. | |
| Trial Design | Planting of the candidate variety was not replicated. Observations made of the Australian vines were compared against a) overseas descriptions: test report ZA20114890 submitted for PBR in South Africa, and US patent USPP21316 b) Ralli Seedless grapes grown adjacent to the candidate in the same patch; c) similar varieties of common knowledge grown in nearby vineyards; and d) published descriptions of those varieties. | |
| Measurements | Measurements were taken randomly from selected shoots, leaves, bunch and berries. | |
| RHS Chart - edition | 1985 | |
| Origin and Breeding | | |
| Controlled pollination: The new variety is a result of hybridization of Princess, the pollen parent, and Red Globe, the seed parent. The variety was first hybridized by Timothy Sheehan of Porterville, California. The hybridization produced a large, red, seedless grape, comparable to Flame Seedless but ready for harvest 3 weeks after Flame Seedless. Six vines were asexually propagated in the dormant season of 2003-04 by Timothy Sheehan, grafted onto Harmony virus-free rootstock, and planted in a variety block in the San Joaquin Valley of California, north of Thompson Road and east of Adams Road. Further propagation has been made from top working dormant buds. Breeder's: Timothy P. Sheehan, Sheehan Genetics LLC, Porterville, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Berry | seededness | seedless |
| Berry | colour | red and crimson group of varieties |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Berry | anthocyanin colouration | absent or very weak |

| Most Similar Varieties of Common Knowledge identified (VCK) | | | | | |
|---|---------------------------------------|--|---|--|---|
| Name | | Comments | | | |
| 'Ralli Seedless' | | early maturing, seedless, broad ellipsoid or globose, crimson grape variety | | | |
| 'Sheegene 10' | | early maturing, seedless, ellipsoid, crimson grape | | | |
| 'Sheegene 1' | | mid season, seedless, naturally large, crimson grape | | | |
| 'Sheegene 12' | | mid season, seedless ellipsoid crimson variety | | | |
| 'Sheegene 3' (USA) | | description published in US patent USPP21316 | | | |
| 'Sheegene-3' (South Africa) | | UPOV description filed in South Africa document ZA20114890 issued 2012-12-05 | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Sugra Six' | Fruit: berries | size | medium | small | the candidate is naturally much larger than 'Sugra Six' variety |
| 'Flame Seedless' | Fruit: berries | maturity | early to mid season | early season | the candidate matures for harvest three weeks later than Flame Seedless |
| 'Sheegene 20' ('Allison') | Fruit: berries | maturity | early to mid season | mid-late | the candidate matures two or three weeks earlier than Sheegene 20 |
| 'Ruby Seedless' | fruit | berry size, berry skin colour | medium size, rose to red colour | small size, dark red colour | The candidate matures earlier than Ruby Seedless, and is naturally much larger, and ripe for harvest while still rose in colour |
| 'Crimson' | Fruit: berries | shape and maturity | early to mid season, globose or broad ellipsoid berry | mid to late season, narrow ellipsoid berry | the candidate is earlier maturing with a more globose shaped berry than Crimson Seedless |
| 'Red Rob' | Young shoots | prostrate hairs on shoot tip | absent | medium to dense | |
| 'Red Rob' | Fruit | time of maturing | early to mid season | late season maturing | the candidate is much earlier maturing than Red Rob variety. |

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

| Organ/Plant Part: Context | 'Sheegene 3' | 'Sheegene 3' (US data) | 'Sheegene-3' ('SA data') | 'Ralli Seedless' | 'Sheegene 1' | 'Sheegene 10' | 'Sheegene 12' |
|--|-----------------------|------------------------|--------------------------|------------------------------|-----------------------------|---------------|------------------------------|
| <input checked="" type="checkbox"/> *Time of: bud burst | medium | | medium | early | medium | | late |
| <input type="checkbox"/> *Young shoot: openness of tip | wide open | | wide open | half open | half open | | wide open |
| <input checked="" type="checkbox"/> *Young shoot: prostrate hairs on tip | very sparse to sparse | | very sparse to sparse | absent or very sparse | medium to dense | | dense |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | | absent or very weak | weak to medium | absent or very weak | | absent or very weak |
| <input type="checkbox"/> Young shoot: erect hairs on tip | absent or very sparse | | absent or very sparse | absent or very sparse | sparse | | medium |
| <input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade | light copper red | | light copper red | green with anthocyanin spots | green | | green with anthocyanin spots |
| <input checked="" type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade | very sparse to sparse | | very sparse to sparse | dense | very sparse to sparse | | absent or very sparse |
| <input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade | sparse to medium | | absent or very sparse | absent or very sparse | medium | | sparse |
| <input type="checkbox"/> Shoot: attitude (before tying) | drooping | drooping | | semi-erect | horizontal to semi-drooping | drooping | semi-drooping |
| <input type="checkbox"/> Shoot: colour of dorsal side of internodes | green and red | | green and red | green and red | green and red | | green |
| <input type="checkbox"/> Shoot: colour of ventral side of internodes | green and red | | green and red | green | green | | green |
| <input type="checkbox"/> Shoot: colour of dorsal side of nodes | red | | green and red | | green and red | | green |
| <input type="checkbox"/> Shoot: colour of ventral side of nodes | green and red | | green and red | | green and red | | green |

| | | | | | | | |
|--|---|--------------------|---|---|---|---|---|
| <input type="checkbox"/> Shoot: length of tendrils | medium | very short | short to medium | long | medium | short to medium | medium |
| <input type="checkbox"/> *Flower: sexual organs | fully developed stamens and fully developed gynoecium | | fully developed stamens and fully developed gynoecium |
| <input type="checkbox"/> *Mature leaf: size of blade | small to medium | medium to large | small | medium | medium | medium to large | medium |
| <input type="checkbox"/> *Mature leaf: shape of blade | wedge-shaped | pentagonal | wedge-shaped | circular | pentagonal | pentagonal | pentagonal |
| <input type="checkbox"/> Mature leaf: blistering of upper side of blade | very weak to weak | | very weak to weak | absent or very weak | very weak to weak | | weak |
| <input type="checkbox"/> Mature leaf: number of lobes | five to seven | five | seven | three | five | five | three |
| <input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses | medium | | shallow to medium | medium | deep | very deep | medium |
| <input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only) | slightly overlapped | | strongly overlapped | closed | slightly overlapped | strongly overlapped | slightly overlapped |
| <input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus | half open | half open | wide open | half open | half open | half overlapped | half open |
| <input type="checkbox"/> *Mature leaf: length of teeth | medium | medium | medium | medium to long | short | medium | short to medium |
| <input type="checkbox"/> *Mature leaf: ratio length/width of teeth | medium | medium | medium | medium to large | small to medium | medium | small to medium |
| <input type="checkbox"/> *Mature leaf: shape of teeth | mixture of both sides straight and both sides convex | both sides convex | mixture of both sides straight and both sides convex | both sides convex | mixture of both sides straight and both sides convex | both sides convex | both sides convex |
| <input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration | absent or very low | absent or very low | absent or very low | very low to low | low | absent or very low | absent or very low |

| | | | | | | | |
|--|-------------------------|-----------------|-----------------------------|-----------------------|-----------------------|---------------------|-----------------------|
| <input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade | absent or very sparse | | absent or very sparse | absent or very sparse | absent or very sparse | | sparse |
| <input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade | absent or very sparse | | absent or very sparse | absent or very sparse | absent or very sparse | | very sparse to sparse |
| <input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein | equal | equal | equal | moderately shorter | moderately longer | moderately longer | much shorter |
| <input checked="" type="checkbox"/> *Time of: beginning of berry ripening | early to medium | medium | early to medium | very early to early | early | early to medium | early to medium |
| <input type="checkbox"/> *Bunch: size (peduncle excluded) | medium | large | small | medium | medium to large | large to very large | medium |
| <input type="checkbox"/> *Bunch: density | lax to medium | medium to dense | medium | lax to medium | lax to medium | medium to dense | lax to medium |
| <input type="checkbox"/> Bunch: length of peduncle of primary bunch | medium | medium | medium to long | short to medium | medium to long | | medium to long |
| <input type="checkbox"/> *Berry: size | medium | large | medium | medium | large | medium to large | medium |
| <input type="checkbox"/> *Berry: shape | broad ellipsoid | ovoid | narrow ellipsoid to obovoid | broad ellipsoid | obtuse ovoid | broad ellipsoid | broad ellipsoid |
| <input type="checkbox"/> *Berry: colour of skin (without bloom) | yellow-rose to grey red | dark red violet | red | rose | red | dark red violet | dark red violet |
| <input type="checkbox"/> Berry: ease of detachment from pedicel | moderately easy | | moderately easy | moderately easy | moderately easy | | moderately easy |
| <input checked="" type="checkbox"/> Berry: thickness of skin | thick | | thick | thick | thin | | medium |
| <input type="checkbox"/> *Berry: anthocyanin colouration of flesh | absent or very weak | | absent or very weak | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> Berry: firmness of flesh | soft or slightly firm | moderately firm | soft or slightly firm | soft or slightly firm | moderately firm | | moderately firm |
| <input type="checkbox"/> *Berry: particular flavour | none | | muscat | none | none | none | none |

| | | | | | | | |
|--|---------------|------|---------------|--------------|---------------|------|---------------|
| <input type="checkbox"/> *Berry: formation of seeds | none | none | rudimentary | rudimentary | rudimentary | none | none |
| <input checked="" type="checkbox"/> Woody shoot: main colour | reddish brown | | reddish brown | orange brown | reddish brown | | reddish brown |

| Characteristics Additional to the Descriptor/TG | | | | | | | |
|--|---------------------|-------------------------------|---------------------------------|-------------------------|---------------------|----------------------|----------------------|
| Organ/Plant Part: Context | 'Sheegene 3' | 'Sheegene 3' (US data) | 'Sheegene-3' ('SA data') | 'Ralli Seedless' | 'Sheegene 1' | 'Sheegene 10' | 'Sheegene 12' |
| <input type="checkbox"/> Berry: width (mm) | 21 | | | | | | |
| <input type="checkbox"/> Berry: ratio length to width | 1.05 | | | | | | |
| <input type="checkbox"/> Berry: weight (g) | 5.3 | | | | | | |
| <input type="checkbox"/> Bunch: length (mm) | 244 | | | | | | |
| <input type="checkbox"/> Bunch: width (mm) | 203 | | | | | | |
| <input type="checkbox"/> Bunch: peduncle length (mm) | 41 | | | | | | |
| <input type="checkbox"/> Bunch: shape | cone shaped | | | | | | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| Argentina | 2013 | Granted | 'Sheegene 3' |
| Brazil | 2009 | Granted | 'Sheegene 3' |
| Canada | 2013 | Granted | 'Sheegene 3' |
| Chile | 2011 | Granted | 'Sheegene 3' |
| EU | 2009 | Granted | 'Sheegene 3' |
| Israel | 2009 | Applied | 'Sheegene 3' |
| Mexico | 2012 | Granted | 'Sheegene 3' |
| Morocco | 2009 | Applied | 'Sheegene 3' |
| Peru | 2009 | Granted | 'Sheegene 3' |
| South Africa | 2009 | Applied | 'Sheegene 3' |
| Spain | 2008 | Granted | 'Sheegene 3' |
| Turkey | 2013 | Granted | 'Sheegene 3' |
| USA | 2006 | Granted | 'Sheegene 3' |

First sold in the UK in August 2008 under the name 'Magenta'.

Description: Alison MacGregor, Mildura, VIC.

| Details of Application | | |
|---|---|---|
| Application Number | 2014/222 | |
| Variety Name | 'Arrathirteen' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 05 May 2017 | |
| Applicant | ARD LLC (Agricultural Research & Development), Edison, California, USA. | |
| Agent | Romeos Best Pty Ltd | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | C.R.A., Rome, Italy | |
| Overseas Data Reference Number | 2009/1874 | |
| Location | C.R.A. Vit, Conegliano TV, Italy | |
| Descriptor | CPVO-TP/050/2 | |
| Period | 2011-2014 | |
| Conditions | as per CPVO test report 2009/1874 | |
| Trial Design | as per CPVO test report 2009/1874 | |
| Measurements | | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: seed parent 'GAR4' with pollen parent 'GZR1'. The seed parent is characterised by complete seed formation and ovoid berry shape. The pollen parent is characterised by cream berry skin colour and narrow ellipsoid berry shape. Selection criteria: large seedless berry; attractive skin coloration; medium-large clusters, high sugar content, good handling qualities. Propagation: vegetative by grafting. Breeders: Sal Giumarra and Shachar Karniel, ARD LLC, Edison, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Young shoot | openness of tip | wide open |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Mature leaf | number of lobes | five |
| Time of | beginning of fruit ripening | very early |
| Bunch | size | large |
| Berry | shape | narrow ellipsoid |
| Berry | formation of seeds | rudimentary |
| Berry | particular flavour | none |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Arizul B' | |

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

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

| | | |
|---|-----------------------|-----------------------|
| side of blade with anthocyanin colouration | | |
| <input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein | equal | |
| <input type="checkbox"/> *Time of: beginning of berry ripening | very early | |
| <input type="checkbox"/> *Bunch: size (peduncle excluded) | large | |
| <input type="checkbox"/> *Bunch: density | medium | |
| <input type="checkbox"/> Bunch: length of peduncle of primary bunch | medium | |
| <input type="checkbox"/> *Berry: size | large | |
| <input type="checkbox"/> *Berry: shape | narrow ellipsoid | |
| <input checked="" type="checkbox"/> *Berry: colour of skin (without bloom) | red | yellow |
| <input type="checkbox"/> Berry: ease of detachment from pedicel | moderately easy | |
| <input type="checkbox"/> Berry: thickness of skin | thick | |
| <input type="checkbox"/> *Berry: anthocyanin colouration of flesh | medium | |
| <input checked="" type="checkbox"/> Berry: firmness of flesh | very firm | soft or slightly firm |
| <input type="checkbox"/> *Berry: particular flavour | none | |
| <input type="checkbox"/> *Berry: formation of seeds | rudimentary | |
| <input type="checkbox"/> Woody shoot: main colour | dark brown | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2009 | pending | ARRATHIRTEEN |
| USA | 2010 | granted | ARRATHIRTEEN |
| Egypt | 2012 | pending | ARRATHIRTEEN |
| Chile | 2010 | pending | ARRATHIRTEEN |
| Israel | 2014 | pending | ARRATHIRTEEN |

First sold in EU in June 2013

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

| Details of Application | | |
|--|--|---|
| Application Number | 2014/223 | |
| Variety Name | 'Arrafifteen' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 05 May 2017 | |
| Applicant | ARD LLC (Agricultural Research & Development), Edison, California, USA. | |
| Agent | Romeos Best Pty Ltd, Robinvale, Vic 3549 | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | C.R.A., Rome, Italy | |
| Overseas Data Reference Number | 2009/1872 | |
| Location | C.R.A. Vit, Conegliano TV, Italy | |
| Descriptor | CPVO-TP/050/2 | |
| Period | 2011-2014 | |
| Conditions | as per CPVO test report 2009/1872 | |
| Trial Design | as per CPVO test report 2009/1872 | |
| Measurements | | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: seed parent 'GAW5' with pollen parent 'GZW4'. The seed parent is characterised by ovoid berry shape and thin berry skin. The pollen parent is characterised by obloid berry shape and thick berry skin. Selection criteria: medium to large seedless berry; attractive skin coloration; medium-large clusters, high acid flavour and sugar content. Propagation: vegetative by grafting. Breeders: Sal Giumarra and Shachar Karniel, ARD LLC, Edison, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Young shoot | openness of tip | wide open |
| Young leaf | colour of upper side of blade | dark copper red |
| Young leaf | prostrate hairs between main veins on lower side of blade | absent or very sparse |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Mature leaf | number of lobes | five |
| Time of | beginning of berry ripening | medium |
| Berry | shape | cylindrical |
| Berry | anthocyanin coloration of flesh | absent or very weak |
| Berry | particular flavor | none |
| | | |
| | | |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Apulia n' | |

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

| Organ/Plant Part: Context | 'Arrafifteen' | 'Apulia n' |
|---|--|-------------------|
| <input type="checkbox"/> *Time of: bud burst (varieties for fruit production only) | very early | |
| <input type="checkbox"/> *Young shoot: openness of tip | wide open | |
| <input type="checkbox"/> *Young shoot: density of prostrate hairs on tip | absent or very sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | |
| <input type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only) | absent or very sparse | |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | dark copper-red | |
| <input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Shoot: attitude | horizontal | |
| <input type="checkbox"/> Shoot: colour of dorsal side of internode | green with red stripes | |
| <input type="checkbox"/> *Shoot: colour of ventral side of internode | completely green | |
| <input type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | green with red stripes | |
| <input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | completely green | |
| <input type="checkbox"/> Shoot: density of erect hairs on internodes | absent or very sparse | |
| <input type="checkbox"/> Shoot: length of tendrils | very long | |
| <input type="checkbox"/> *Flower: sexual organs | stamens and gynoecium both fully developed | |
| <input type="checkbox"/> *Adult leaf: size of blade | large | |
| <input type="checkbox"/> *Mature leaf: shape of blade | pentagonal | |
| <input type="checkbox"/> Mature leaf: blistering of upper side of blade | absent or very weak | |
| <input type="checkbox"/> *Mature leaf: number of lobes | five | |
| <input type="checkbox"/> Mature leaf: depth of upper lateral sinuses | very shallow | |
| <input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses | open | |
| <input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus | half open | closed |

| | | |
|---|--|-----------------|
| <input type="checkbox"/> *Mature leaf: length of teeth | medium | |
| <input type="checkbox"/> *Mature leaf: ratio length/width of teeth | medium | |
| <input type="checkbox"/> *Mature leaf: shape of teeth | mixture of both sides straight & both sides convex | |
| <input type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade | absent or very weak | |
| <input type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Mature leaf: length of petiole compared to middle vein | slightly shorter | |
| <input type="checkbox"/> *Time of: beginning of berry ripening (varieties for fruit production only) | medium | |
| <input type="checkbox"/> *Bunch: size | large | |
| <input type="checkbox"/> *Bunch: density | loose | |
| <input type="checkbox"/> *Bunch: length of peduncle | medium | |
| <input checked="" type="checkbox"/> *Berry: size | very large | medium |
| <input type="checkbox"/> *Berry: shape in profile | oblong | |
| <input checked="" type="checkbox"/> *Berry: colour of skin | yellow-green | dark red violet |
| <input type="checkbox"/> Berry: ease of detachment from pedicel | relatively easy | |
| <input type="checkbox"/> Berry: thickness of skin | thick | |
| <input type="checkbox"/> *Berry: anthocyanin colouration of flesh | absent or very weak | |
| <input type="checkbox"/> Berry: firmness of flesh | very firm | |
| <input type="checkbox"/> *Berry: particular flavour | none | |
| <input type="checkbox"/> *Berry: formation of seeds | rudimentary | |
| <input type="checkbox"/> Woody shoot: main colour | dark brown | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2009 | pending | 'ARRAFIFTEEN' |
| USA | 2010 | granted | 'ARRAFIFTEEN' |
| Egypt | 2012 | pending | 'ARRAFIFTEEN' |
| Chile | 2010 | pending | 'ARRAFIFTEEN' |

First sold in UK on 4th September 2009 as 'ARRAFIFTEEN'

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

| Details of Application | | |
|--|---|---|
| Application Number | 2014/225 | |
| Variety Name | 'Arranineteen' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 05 May 2017 | |
| Applicant | ARD LLC (Agricultural Research & Development), Edison, California, USA. | |
| Agent | Romeos Best Pty Ltd, Robinvale, Vic 3549 | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | C.R.A., Rome, Italy | |
| Overseas Data Reference Number | 2009/1871 | |
| Location | C.R.A. Vit, Conegliano TV, Italy | |
| Descriptor | CPVO-TP/050/2 | |
| Period | 2011-2014 | |
| Conditions | as per CPVO test report 2009/1871 | |
| Trial Design | as per CPVO test report 2009/1871 | |
| Measurements | | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: seed parent 'GAR4' with pollen parent 'GZR1'. The seed parent is characterised by ovoid berry shape and slight muscat berry flavour. The pollen parent is characterised by narrow ellipsoid berry shape and white skin colour. Selection criteria: medium to large seedless berry; attractive skin coloration; medium-large clusters, natural flavour, good handling traits Propagation: vegetative by grafting. Breeders: Sal Giumarra and Shachar Karniel, ARD LLC, Edison, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Young shoot | openness of tip | wide open |
| Young leaf | colour of upper side of blade | dark copper red |
| Young leaf | prostrate hairs between main veins on lower side of blade | absent or very sparse |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Mature leaf | number of lobes | five |
| Time of | beginning of berry ripening | very early |
| Berry | shape | broad ellipsoid |
| Berry | anthocyanin coloration of flesh | absent or very weak |
| Berry | particular flavor | none |

| | | |
|--|--------------------|-------------|
| Berry | formation of seeds | rudimentary |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Argentina rs' | | |

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

| Organ/Plant Part: Context | 'Arranineteen' | 'Argentina rs' |
|---|--|-----------------------|
| <input type="checkbox"/> *Time of: bud burst (varieties for fruit production only) | medium | |
| <input type="checkbox"/> *Young shoot: openness of tip | wide open | |
| <input type="checkbox"/> *Young shoot: density of prostrate hairs on tip | absent or very sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | |
| <input type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only) | absent or very sparse | |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | dark copper-red | |
| <input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Shoot: attitude | semi-erect | |
| <input type="checkbox"/> Shoot: colour of dorsal side of internode | green with red stripes | |
| <input type="checkbox"/> *Shoot: colour of ventral side of internode | completely green | |
| <input type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | green with red stripes | |
| <input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | completely green | |
| <input type="checkbox"/> Shoot: density of erect hairs on internodes | absent or very sparse | |
| <input type="checkbox"/> Shoot: length of tendril | long | |
| <input type="checkbox"/> *Flower: sexual organs | stamens and gynoecium both fully developed | |
| <input type="checkbox"/> *Adult leaf: size of blade | medium | |
| <input type="checkbox"/> *Mature leaf: shape of blade | pentagonal | |
| <input type="checkbox"/> Mature leaf: blistering of upper side of blade | absent or very weak | |
| <input type="checkbox"/> *Mature leaf: number of lobes | five | |

| | | | |
|-------------------------------------|--|--|--------|
| <input type="checkbox"/> | Mature leaf: depth of upper lateral sinuses | medium | |
| <input type="checkbox"/> | Mature leaf: arrangement of lobes of upper lateral sinuses | slightly overlapped | |
| <input type="checkbox"/> | *Mature leaf: arrangement of lobes of petiole sinus | wide open | |
| <input type="checkbox"/> | *Mature leaf: length of teeth | long | |
| <input type="checkbox"/> | *Mature leaf: ratio length/width of teeth | medium | |
| <input type="checkbox"/> | *Mature leaf: shape of teeth | mixture of both sides straight & both sides convex | |
| <input checked="" type="checkbox"/> | *Mature leaf: anthocyanin colouration of main veins on upper side of blade | absent or very weak | medium |
| <input type="checkbox"/> | *Mature leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> | *Mature leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> | Mature leaf: length of petiole compared to middle vein | slightly shorter | |
| <input type="checkbox"/> | *Time of: beginning of berry ripening (varieties for fruit production only) | very early | |
| <input type="checkbox"/> | *Bunch: size | medium | |
| <input type="checkbox"/> | *Bunch: density | medium | |
| <input type="checkbox"/> | *Bunch: length of peduncle | medium | |
| <input type="checkbox"/> | *Berry: size | large | |
| <input type="checkbox"/> | *Berry: shape in profile | broad elliptic | |
| <input checked="" type="checkbox"/> | *Berry: colour of skin | red | rose |
| <input type="checkbox"/> | Berry: ease of detachment from pedicel | difficult | |
| <input type="checkbox"/> | Berry: thickness of skin | medium | |
| <input type="checkbox"/> | *Berry: anthocyanin colouration of flesh | absent or very weak | |
| <input type="checkbox"/> | Berry: firmness of flesh | very firm | |
| <input type="checkbox"/> | *Berry: particular flavour | none | |
| <input type="checkbox"/> | *Berry: formation of seeds | rudimentary | |
| <input type="checkbox"/> | Woody shoot: main colour | yellowish brown | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|---------|------|---------|--------------|
| EU | | pending | ARRANINETEEN |

| | | |
|--------|---------|--------------|
| USA | pending | ARRANINETEEN |
| Egypt | pending | ARRANINETEEN |
| Chile | pending | ARRANINETEEN |
| Israel | pending | ARRANINETEEN |
| | pending | ARRANINETEEN |

No prior sale.

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

| | | |
|---|---|---|
| Details of Application | | |
| Application Number | 2017/190 | |
| Variety Name | 'ARRATWENTYEIGHT' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 17 Jul 2017 | |
| Applicant | ARD LLC (Agricultural Research & Development Limited Liability Company), Edison, California, USA. | |
| Agent | Romeos Best Pty Ltd, Robinvale, Vic 3549 | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | C.R.E.A., Rome, Italy | |
| Overseas Data Reference Number | 2013/3296 | |
| Location | C.R.E.A. Vit, Conegliano TV, Italy | |
| Descriptor | CPVO-TP/050/2 | |
| Period | 2014-2017 | |
| Conditions | as per CPVO test report | |
| Trial Design | as per CPVO test report | |
| Measurements | | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: seed parent 'A.3.' with pollen parent 'E.Z.'. The seed parent is characterised by large berry seed trace, medium berry size and medium bunch density. The pollen parent is characterised by white berry skin colour and exotic berry flavour. Selection criteria: resistance to cold, drought and heat; desirable handling, shipping and eating qualities. Propagation: vegetative by grafting. Breeders: Sal Giumarra and Shachar Karniel, ARD LLC, Edison, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Young shoot | openness of tip | wide open |
| Young leaf | colour of upper side of blade | green with anthocyanin spots |
| Young leaf | prostrate hairs between main veins on lower side of blade | absent or very sparse |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Mature leaf | number of lobes | five |
| Time of ripening | beginning of berry ripening | very early |
| Berry | colour of skin (without | red |

| | | |
|--|---------------------------------|---------------------|
| | bloom) | |
| Berry | anthocyanin coloration of flesh | absent or very weak |
| Berry | particular flavour | none |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'IFG Nine' | | |

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

| Organ/Plant Part: Context | 'ARRATWENT YEIGHT' | 'IFG Nine' |
|---|--|-------------------|
| <input type="checkbox"/> *Time of: bud burst (varieties for fruit production only) | very early | |
| <input type="checkbox"/> *Young shoot: openness of tip | wide open | |
| <input type="checkbox"/> *Young shoot: density of prostrate hairs on tip | sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | |
| <input type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only) | absent or very sparse | |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | green with anthocyanin spots | |
| <input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Shoot: attitude | semi-erect | |
| <input type="checkbox"/> Shoot: colour of dorsal side of internode | green with red stripes | |
| <input type="checkbox"/> *Shoot: colour of ventral side of internode | completely green | |
| <input type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | completely red | |
| <input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | completely green | |
| <input type="checkbox"/> Shoot: density of erect hairs on internodes | absent or very sparse | |
| <input type="checkbox"/> Shoot: length of tendrils | short | |
| <input type="checkbox"/> *Flower: sexual organs | stamens and gynoecium both fully developed | |
| <input type="checkbox"/> *Adult leaf: size of blade | large | |

| | | | |
|-------------------------------------|--|-----------------------------------|------------------|
| <input type="checkbox"/> | *Mature leaf: shape of blade | deltoid | |
| <input type="checkbox"/> | Mature leaf: blistering of upper side of blade | absent or very weak | |
| <input type="checkbox"/> | *Mature leaf: number of lobes | five | |
| <input type="checkbox"/> | Mature leaf: depth of upper lateral sinuses | medium | |
| <input type="checkbox"/> | Mature leaf: arrangement of lobes of upper lateral sinuses | slightly overlapped | |
| <input type="checkbox"/> | *Mature leaf: arrangement of lobes of petiole sinus | half open | |
| <input type="checkbox"/> | *Mature leaf: length of teeth | medium | |
| <input type="checkbox"/> | *Mature leaf: ratio length/width of teeth | medium | |
| <input type="checkbox"/> | *Mature leaf: shape of teeth | one side concave, one side convex | |
| <input type="checkbox"/> | *Mature leaf: anthocyanin colouration of main veins on upper side of blade | absent or very weak | |
| <input type="checkbox"/> | *Mature leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> | *Mature leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> | Mature leaf: length of petiole compared to middle vein | slightly shorter | |
| <input type="checkbox"/> | *Time of: beginning of berry ripening (varieties for fruit production only) | very early | |
| <input type="checkbox"/> | *Bunch: size | very large | |
| <input type="checkbox"/> | *Bunch: density | medium | |
| <input type="checkbox"/> | *Bunch: length of peduncle | short | |
| <input type="checkbox"/> | *Berry: size | large | |
| <input checked="" type="checkbox"/> | *Berry: shape in profile | obtuse ovate | narrow ellipsoid |
| <input type="checkbox"/> | *Berry: colour of skin | red | |
| <input type="checkbox"/> | Berry: ease of detachment from pedicel | relatively easy | |
| <input type="checkbox"/> | Berry: thickness of skin | thick | |
| <input type="checkbox"/> | *Berry: anthocyanin colouration of flesh | absent or very weak | |
| <input type="checkbox"/> | Berry: firmness of flesh | very firm | |
| <input type="checkbox"/> | *Berry: particular flavour | none | |
| <input checked="" type="checkbox"/> | *Berry: formation of seeds | none | rudimentary |
| <input type="checkbox"/> | Woody shoot: main colour | yellowish brown | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| Egypt | 2014 | pending | 'ARRATWENTYEIGHT' |
| EU | 2013 | pending | 'ARRATWENTYEIGHT' |
| USA | 2014 | granted | 'ARRATWENTYEIGHT' |
| Israel | 2014 | pending | 'ARRATWENTYEIGHT' |
| South Africa | 2014 | pending | 'ARRATWENTYEIGHT' |

No prior sale.

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

| | | |
|---|---|---|
| Details of Application | | |
| Application Number | 2017/189 | |
| Variety Name | 'ARRATWENTYNINE' | |
| Genus Species | <i>Vitis vinifera</i> | |
| Common Name | Grape vine | |
| Accepted Date | 17 Jul 2017 | |
| Applicant | ARD LLC (Agricultural Research & Development Limited Liability Company), Edison, California, USA. | |
| Agent | Romeos Best Pty Ltd, Robinvale, Vic 3549 | |
| Qualified Person | Ian Paananen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | C.R.E.A., Rome, Italy | |
| Overseas Data Reference Number | 2013/3291 | |
| Location | CREA-VE, Conegliano TV, Italy | |
| Descriptor | CPVO-TP/050/2 | |
| Period | 2014-2017 | |
| Conditions | as per CPVO test report | |
| Trial Design | as per CPVO test report | |
| Measurements | | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: seed parent 'A.3.' with pollen parent 'GAW5'. The seed parent is characterised by large berry seed trace and natural berry flavour. The pollen parent is characterised by white berry skin colour and berry flavour none. Selection criteria: resistance to cold, drought and heat; desirable handling, shipping and eating qualities. Propagation: vegetative by grafting. Breeders: Sal Giumarra and Shachar Karniel, ARD LLC, Edison, California, USA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Young shoot | openness of tip | wide open |
| Young leaf | colour of upper side of blade | light copper red |
| Young leaf | prostrate hairs between main veins on lower side of blade | absent or very sparse |
| Flower | sexual organs | fully developed stamens and fully developed gynoecium |
| Mature leaf | number of lobes | five |
| Time of | beginning of berry ripening | very early |
| Berry | shape | obtuse ovoid |
| Berry | colour of skin (without | red |

| | | |
|--|---------------------------------|---------------------|
| | bloom) | |
| Berry | anthocyanin coloration of flesh | absent or very weak |
| Berry | particular flavour | none |
| Berry | formation of seeds | rudimentary |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Mara Seedless' | | |

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

| Organ/Plant Part: Context | 'ARRATWENT YNINE' | 'Mara Seedless' |
|---|--|------------------------|
| <input type="checkbox"/> *Time of: bud burst (varieties for fruit production only) | very early | |
| <input type="checkbox"/> *Young shoot: openness of tip | wide open | |
| <input type="checkbox"/> *Young shoot: density of prostrate hairs on tip | absent or very sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | |
| <input type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only) | absent or very sparse | |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | light copper-red | |
| <input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Shoot: attitude | semi-erect | |
| <input type="checkbox"/> Shoot: colour of dorsal side of internode | green with red stripes | |
| <input type="checkbox"/> *Shoot: colour of ventral side of internode | completely green | |
| <input type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | green with red stripes | |
| <input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | completely green | |
| <input type="checkbox"/> Shoot: density of erect hairs on internodes | absent or very sparse | |
| <input type="checkbox"/> Shoot: length of tendril | long | |
| <input type="checkbox"/> *Flower: sexual organs | stamens and gynoecium both fully developed | |
| <input type="checkbox"/> *Adult leaf: size of blade | medium | |
| <input type="checkbox"/> *Mature leaf: shape of blade | deltoid | |

| | | |
|---|-----------------------|-----------|
| <input type="checkbox"/> Mature leaf: blistering of upper side of blade | absent or very weak | |
| <input type="checkbox"/> *Mature leaf: number of lobes | five | |
| <input type="checkbox"/> Mature leaf: depth of upper lateral sinuses | medium | |
| <input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses | slightly overlapped | |
| <input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus | wide open | half open |
| <input type="checkbox"/> *Mature leaf: length of teeth | medium | |
| <input type="checkbox"/> *Mature leaf: ratio length/width of teeth | medium | |
| <input type="checkbox"/> *Mature leaf: shape of teeth | both sides convex | |
| <input type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade | weak | |
| <input type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade | absent or very sparse | |
| <input type="checkbox"/> Mature leaf: length of petiole compared to middle vein | slightly longer | |
| <input type="checkbox"/> *Time of: beginning of berry ripening (varieties for fruit production only) | very early | |
| <input type="checkbox"/> *Bunch: size | large | |
| <input type="checkbox"/> *Bunch: density | medium | |
| <input type="checkbox"/> *Bunch: length of peduncle | medium | |
| <input checked="" type="checkbox"/> *Berry: size | medium | large |
| <input type="checkbox"/> *Berry: shape in profile | obtuse ovate | |
| <input type="checkbox"/> *Berry: colour of skin | red | |
| <input type="checkbox"/> Berry: ease of detachment from pedicel | relatively easy | |
| <input checked="" type="checkbox"/> Berry: thickness of skin | medium | thick |
| <input type="checkbox"/> *Berry: anthocyanin colouration of flesh | absent or very weak | |
| <input type="checkbox"/> Berry: firmness of flesh | very firm | |
| <input type="checkbox"/> *Berry: particular flavour | none | |
| <input type="checkbox"/> *Berry: formation of seeds | rudimentary | |
| <input type="checkbox"/> Woody shoot: main colour | yellowish brown | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| Egypt | 2014 | pending | 'ARRATWENTYNINE' |
| EU | 2013 | pending | 'ARRATWENTYNINE' |

| | | | |
|--------------|------|---------|------------------|
| Peru | 2014 | pending | 'ARRATWENTYNINE' |
| South Africa | 2014 | pending | 'ARRATWENTYNINE' |
| USA | 2014 | granted | 'ARRATWENTYNINE' |

First sold in the USA as 'ARRATWENTYNINE' on 14th July 2016

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

| Details of Application | | |
|--|--|--|
| Application Number | 2016/191 | |
| Variety Name | 'GR01' | |
| Genus Species | <i>Grevillea</i> hybrid | |
| Common Name | Grevillea | |
| Accepted Date | 22 Sep 2016 | |
| Applicant | Changers Green Nursery, Bangara, QLD | |
| Agent | Ozbreed Pty Ltd, Clarendon, NSW | |
| Qualified Person | John Oates | |
| Details of Comparative Trial | | |
| Location | Clarendon NSW | |
| Descriptor | TG/325/1 | |
| Period | Jan 2018- March 2020 | |
| Conditions | Cuttings of applicant and comparator planted into plastic pots in January 2018, final pot size 400mm. Grown outdoors with overhead irrigation applied as required. | |
| Trial Design | All Pots arranged in random pattern | |
| Measurements | As per UPOV Technical Guidelines | |
| RHS Chart - edition | 6th Editon (2015) | |
| Origin and Breeding | | |
| Controlled pollination: In January 2010 seeds were sown from a directed breeding program at Changers Green Nursery in Qld. The variety 'GR01' was selected from the batch of young plants in August 2012; the selection criteria were prostrate growth habit, attractive foliage and long red inflorescence. The selection 'GR01' was isolated and grown on for assessment. It showed characters drawn from each of the parents and was considered valuable as an ornamental plant. It was propagated from cuttings and through eight generations has been true to type with no off types observed. Breeder Richard Tomkin, Changers Green Nursery, QLD. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Inflorescence | type | secund |
| Inflorescence | predominant colour | red |
| Perianth | colour | red |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Bronze Rambler' | | |

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

| Organ/Plant Part: Context | 'GR01' | 'Bronze Rambler' |
|--|---------------------|-------------------------|
| <input type="checkbox"/> Plant: habit | prostrate | spreading |
| <input type="checkbox"/> Plant: height | very short to short | short to medium |

| | | | |
|--------------------------|--|----------------------------|---------------------|
| <input type="checkbox"/> | Plant: density of foliage | medium | medium |
| <input type="checkbox"/> | Young stem: colour | yellow green | green |
| <input type="checkbox"/> | Stem: colour | green | green |
| <input type="checkbox"/> | Leaf: attitude relative to stem | semi-erect | semi-erect |
| <input type="checkbox"/> | Leaf: type of division of blade | primary | primary |
| <input type="checkbox"/> | Leaf: depth of sinus of primary division | deep | deep |
| <input type="checkbox"/> | Leaf: width of sinus of primary division | narrow | broad |
| <input type="checkbox"/> | Leaf: attitude of primary lobes in relation to midrib | semi-erect | semi-erect |
| <input type="checkbox"/> | Leaf: shape of apex of sinus of primary division | truncated | truncated |
| <input type="checkbox"/> | Leaf: length of lobe of primary division | short to medium | medium to long |
| <input type="checkbox"/> | Leaf: width of lobe of primary division | medium | narrow to medium |
| <input type="checkbox"/> | Leaf: intensity of green colour of upper side | light | medium |
| <input type="checkbox"/> | Leaf: colour of lower side | light green | light green |
| <input type="checkbox"/> | Leaf: hairiness of upper side | weak | weak |
| <input type="checkbox"/> | Leaf: hairiness of lower side | weak | weak |
| <input type="checkbox"/> | Leaf: colour of hairs on lower side | white | white |
| <input type="checkbox"/> | Leaf: length of petiole | short to medium | short to medium |
| <input type="checkbox"/> | Flowering branch: position of inflorescence | both terminal and axillary | axillary only |
| <input type="checkbox"/> | Inflorescence: attitude | horizontal | horizontal |
| <input type="checkbox"/> | Inflorescence: branching | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Inflorescence: length | medium | short |
| <input type="checkbox"/> | Inflorescence: width | medium | narrow |
| <input type="checkbox"/> | Inflorescence: type | secund | secund |
| <input type="checkbox"/> | Inflorescence: sequence of flower opening | acropetal | acropetal |
| <input type="checkbox"/> | Inflorescence: predominant colour | red | red |
| <input type="checkbox"/> | Inflorescence: density of flowers | medium | sparse to medium |
| <input type="checkbox"/> | Inflorescence: number of flowers | medium to many | few to medium |
| <input type="checkbox"/> | Inflorescence: length of rachis | medium | short |
| <input type="checkbox"/> | Pedicele: attitude in relation to rachis | perpendicular | perpendicular |
| <input type="checkbox"/> | Pedicele: length | medium | very short |
| <input type="checkbox"/> | Flower bud: attitude of limb in relation to longitudinal axis of bud | drooping | drooping |
| <input type="checkbox"/> | Flower bud: colour of limb | pink | red to brown |
| <input type="checkbox"/> | Flower bud: perianth colour | pink | red |
| <input type="checkbox"/> | Perianth: length | medium | medium |
| <input type="checkbox"/> | Perianth: width | medium | narrow to medium |
| <input type="checkbox"/> | Perianth: hairiness | absent or very weak | strong |

| | | | |
|-------------------------------------|--|--------------------------------|--------------------------------|
| <input type="checkbox"/> | Perianth: hair colour | white | white |
| <input type="checkbox"/> | Perianth: coherence of tepals on dorsal side | greater than two thirds | greater than two thirds |
| <input type="checkbox"/> | Perianth: coherence of tepals on ventral side | greater than two thirds | greater than two thirds |
| <input checked="" type="checkbox"/> | Pistil: length | medium to long | short to medium |
| <input type="checkbox"/> | Pistil: length in relation to length of perianth | much longer | much longer |
| <input checked="" type="checkbox"/> | Ovary: hairiness | weak | strong |
| <input type="checkbox"/> | Ovary: colour | green | white |
| <input type="checkbox"/> | Style: curvature | curved | curved |
| <input type="checkbox"/> | Style: hairiness | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Style: distribution of hair | concentrated towards ovary end | concentrated towards ovary end |
| <input checked="" type="checkbox"/> | Stigma: colour | orange | green |
| <input type="checkbox"/> | Pollen presenter: attitude to style | oblique | oblique |
| <input type="checkbox"/> | Pollen presenter: shape | domed | domed |
| <input checked="" type="checkbox"/> | Pollen presenter: colour | orange | green |
| <input checked="" type="checkbox"/> | Pollen: colour | white | yellow |

| Characteristics Additional to the Descriptor/TG | | |
|---|---------------|-------------------------|
| Organ/Plant Part: Context | 'GR01' | 'Bronze Rambler' |
| <input checked="" type="checkbox"/> Style: colour | 59B | N78A |
| <input checked="" type="checkbox"/> Pollen : availability | absent | present |
| <input type="checkbox"/> Leaf: colour of upper side | 138A | 139B |
| <input checked="" type="checkbox"/> Perianth : colour | 60C | 77A |

Prior Applications and Sales:

Nil

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

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2019/196 | |
| Variety Name | 'ECO-Excalibur' | |
| Genus Species | <i>Cannabis sativa</i> | |
| Common Name | Industrial Hemp | |
| Synonym | Nil | |
| Accepted Date | 03 Oct 2019 | |
| Applicant | Ecofibre Limited, Virginia, QLD | |
| Agent | N/A | |
| Qualified Person | Dr Omid Ansari | |
| Details of Comparative Trial | | |
| Location | Tasmanian Institute of Agriculture Vegetable Research Facility, 125 Forthside Rd, Forthside, Tasmania - (Latitude 41°12'11.55"S, Longitude 146°15'50.26"E.) | |
| Descriptor | UPOV TG/276/1 | |
| Period | November 2019 - March 2020 | |
| Conditions | The climate at this location is considered as cool temperate with 1100mm, predominately winter rainfall. Soil at the trial site is a deep red earth (Ferrosol group), well-drained, well-structured and chemically fertile. Trial was an irrigated trial and standard farming practices were followed. | |
| Trial Design | Randomised Complete Block Design with two replications | |
| Measurements | Observations and measurements were taken in accordance with UPOV guideline. THC data was measured using standard High-performance liquid chromatography method. | |
| RHS Chart - edition | N/A | |
| Origin and Breeding | | |
| <p>Recurrent selection: Seeds of parent cultivar were imported into Australia in 2005/06 and have been subjected to selection (population breeding - recurrent selection) and recombination of top-performing portion of plant population to pyramid gradual increase in the frequency of favourable alleles for a number of traits. Selection process was repeated and only selected (top performing) plants were harvested, pooled and planted the following season. Pollination of off-types (very early and very late) plants was controlled by immediate removal of plants. Less negative selection (by eliminating of non-uniform plants) was required at later generations as the crop became more uniform and less transgressive segregation for a number of traits including plant height and time of flowering was observed. As a result of recent rounds of selection, a very stable and uniform crop was observed. Breeder: Dr Omid Ansari, Ecofibre Limited, Virginia, QLD.</p> | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Inflorescence | time of male flowering | early |
| Inflorescence | THC content | very low |
| Plant | proportion of hermaphrodite plants | low |

| Most Similar Varieties of Common Knowledge identified (VCK) | | | | | |
|---|---------------------------------------|------------------------|---|--|---------------------------------------|
| Name | | | Comments | | |
| 'CRS1' | | | Phenotypically similar to the candidate variety | | |
| 'CFX' | | | Phenotypically similar to the candidate variety | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'CHA' | Plant | time of male flowering | early | very late | excluded from side by side comparison |
| 'CHY' | Plant | time of male flowering | early | late | excluded from side by side comparison |
| 'CHG' | Plant | time of male flowering | early | very late | excluded from side by side comparison |
| 'MS77' | Plant | time of male flowering | early | very late | excluded from side by side comparison |
| 'Futura 75' | Plant | Flowering expression | dioecious | monoecious | excluded |

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

| Organ/Plant Part: Context | 'ECO-Excalibur' | 'CFX' | 'CRS1' |
|---|------------------------|---------------------|-----------------|
| <input type="checkbox"/> Cotyledon: shape | narrow obovate | narrow obovate | narrow obovate |
| <input type="checkbox"/> Cotyledon: colour | medium green | light green | medium green |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium | medium |
| <input type="checkbox"/> Leaf: length of petiole | medium | medium | short |
| <input type="checkbox"/> *Leaf: anthocyanin colouration of petiole | weak | medium | weak |
| <input type="checkbox"/> *Leaf: number of leaflets | medium | medium | medium |
| <input type="checkbox"/> Central leaflet: length | short to medium | short to medium | short to medium |
| <input type="checkbox"/> Central leaflet: width | narrow to medium | narrow to medium | narrow |
| <input type="checkbox"/> *Time of: male flowering | early | early | early |
| <input type="checkbox"/> *Inflorescence: THC content | very low | very low | very low |
| <input type="checkbox"/> *Plant: proportion of hermaphrodite plants | low | low | low |
| <input checked="" type="checkbox"/> *Plant: proportion of female plants | medium to high | low to medium | medium |
| <input type="checkbox"/> *Plant: proportion of male plants | low to medium | medium | medium |
| <input checked="" type="checkbox"/> *Plant: natural height | medium | short | short |
| <input type="checkbox"/> *Main stem: colour | medium green | medium green | medium green |
| <input type="checkbox"/> Main stem: length of internode | medium | very short to short | short |

| | | | |
|--|-------------|-------------|-------------|
| <input type="checkbox"/> Seed: 1000 seed weight | medium | low | low |
| <input type="checkbox"/> Seed: colour of testa | medium grey | medium grey | medium grey |
| <input checked="" type="checkbox"/> Seed: marbling | strong | weak | weak |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'ECO-Excalibur' | 'CFX' | 'CRS1' |
|--|-----------------|-----------|-----------|
| <input type="checkbox"/> Plant: flowering expression | dioecious | dioecious | dioecious |

Statistical Table

| Organ/Plant Part: Context | 'ECO-Excalibur' | 'CFX' | 'CRS1' |
|--|-----------------|--------|--------|
| <input checked="" type="checkbox"/> Plant: natural height (cm) | | | |
| Mean | 156.25 | 124.15 | 130.20 |
| Std. Deviation | 3.02 | 4.88 | 7.05 |
| LSD/sig | 5.55 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: number of leaflets | | | |
| Mean | 8.95 | 7.00 | 7.20 |
| Std. Deviation | 0.22 | 0.00 | 0.62 |
| LSD/sig | 0.50 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Leaf: central leaflet length (cm) | | | |
| Mean | 15.91 | 15.55 | 16.12 |
| Std. Deviation | 0.91 | 1.13 | 0.83 |
| LSD/sig | 1.14 | ns | ns |
| <input type="checkbox"/> Stem: internode length (cm) | | | |
| Mean | 13.95 | 10.30 | 12.35 |
| Std. Deviation | 1.70 | 1.34 | 1.23 |
| LSD/sig | 1.6 | P≤0.01 | ns |
| <input type="checkbox"/> Seed: 1000 seed weight (g) | | | |
| Mean | 19.33 | 18.33 | 18.00 |
| <input type="checkbox"/> *Inflorescence: THC % (w/w) | | | |
| Mean | 0.06 | 0.02 | 0.02 |

Prior Applications and Sales:

Nil.

Description: **Dr Omid Ansari**, Ecofibre Limited, Virginia, QLD.

| | | | | |
|---|---|--|--|-----------------|
| Details of Application | | | | |
| Application Number | 2017/233 | | | |
| Variety Name | 'GW1' | | | |
| Genus Species | <i>Prunus salicina</i> | | | |
| Common Name | Japanese Plum | | | |
| Synonym | Nil | | | |
| Accepted Date | 14 Sep 2017 | | | |
| Applicant | Vitaplum Technology Pty Ltd, Melbourne VIC. | | | |
| Agent | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd; Kallangur, QLD. | | | |
| Qualified Person | Dr Gavin Porter | | | |
| Details of Comparative Trial | | | | |
| Location | Shepparton East, Victoria, Australia | | | |
| Descriptor | Japanese Plum (<i>Prunus salicina</i>) TG84/4 Corr. 2 Rev. | | | |
| Period | 2017-2020 | | | |
| Conditions | There were no significant conditions affecting this trial. | | | |
| Trial Design | 10 trees of both the variety and comparator were planted in the middle of a semi-commercial test planting of 'GW1'. All cultural practices were done as per the semi-commercial planting. | | | |
| Measurements | Measurements were taken from 10 trees of both the variety and comparator. | | | |
| RHS Chart - edition | N/A | | | |
| Origin and Breeding | | | | |
| Open pollination: The maternal parent variety 'Ruby Blood plum', seedlings began to grow in the compost pile in October/November 2011. In June 2012, the dormant seedling was replanted from the compost pile and planted in the breeder's orchard at Laanecoorie. The resulting trees grown from these seedlings showed promising characteristics. Graeme Watters then planted these trees and seedlings in their orchard property. The seedling was grown and maintained in the breeder's orchard during the summers of 2012/13 to 2016/17 where the first fruit was seen on the seedling tree in the late March 2017. The tree produced very late maturing fruit with a black skin and red flesh and large sweet fruit. Breeder: Graeme Watters, Laanecoorie, VIC. | | | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | |
| Fruit | over-colour of skin | dark red | | |
| Fruit | colour of flesh | dark red | | |
| Time of | beginning of flowering | early | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | |
| Name | | Comments | | |
| 'Queen Garnet' | | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Ruby Blood plum' | fruit skin colour | dark red | red | maternal parent |

| | | | | |
|---------------|-------------------------------------|-------------------|----------------|--|
| 'Suplumfifty' | time of beginning of fruit ripening | late to very late | medium to late | |
|---------------|-------------------------------------|-------------------|----------------|--|

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

| Organ/Plant Part: Context | 'GW1' | 'Queen Garnet' |
|--|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Tree: type of bearing | on spurs and long shoots | on spurs only |
| <input type="checkbox"/> Tree: vigour | medium | medium |
| <input type="checkbox"/> *Tree: habit | semi-upright | semi-upright |
| <input type="checkbox"/> One-year old shoot: colour | brown | brown |
| <input type="checkbox"/> Spur: length | short to medium | short to medium |
| <input type="checkbox"/> Vegetative bud: size | small | small |
| <input type="checkbox"/> Vegetative bud: shape of apex | acute | acute |
| <input type="checkbox"/> One-year-old shoot: position of vegetative bud in relation to shoot | slightly held out | slightly held out |
| <input type="checkbox"/> *Leaf blade: length | medium | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> *Leaf blade: length/width ratio | moderately elongated | moderately elongated |
| <input type="checkbox"/> *Leaf blade: shape | obovate | obovate |
| <input type="checkbox"/> *Leaf blade: colour of upper side | medium green | medium green |
| <input type="checkbox"/> *Leaf blade: angle of apex (excluding tip) | acute | acute |
| <input type="checkbox"/> Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> Leaf blade: density of pubescence of lower side | sparse | sparse |
| <input type="checkbox"/> *Leaf blade: incisions of margin | bi-crenate | crenate |
| <input type="checkbox"/> *Petiole: length | short to medium | medium |
| <input type="checkbox"/> Leaf: position of nectaries | predominantly on base of leaf blade | predominantly on base of leaf blade |
| <input type="checkbox"/> *Pedicel: length | medium | medium |
| <input type="checkbox"/> Flower: diameter | small to medium | small to medium |
| <input type="checkbox"/> Flower: arrangement of petals | free | free |
| <input type="checkbox"/> *Sepal: shape | medium ovate | medium ovate |
| <input type="checkbox"/> *Petal: length | medium | medium |
| <input type="checkbox"/> *Petal: shape | elliptic | elliptic |
| <input type="checkbox"/> Petal: undulation of margin | weak | weak |
| <input type="checkbox"/> Fruit: length of stalk | short | short |
| <input checked="" type="checkbox"/> *Fruit: size | medium | large |
| <input checked="" type="checkbox"/> *Fruit: height | medium | tall |
| <input checked="" type="checkbox"/> *Fruit: width | medium | broad |

| | | |
|---|----------------------------------|----------------------------------|
| <input type="checkbox"/> *Fruit: shape in lateral view | oblate | oblate |
| <input type="checkbox"/> Fruit: symmetry | symmetric or slightly asymmetric | symmetric or slightly asymmetric |
| <input type="checkbox"/> *Fruit: shape of base | pointed | pointed |
| <input type="checkbox"/> Fruit: shape of apex | pointed | pointed |
| <input type="checkbox"/> *Fruit: depth of stalk cavity | shallow | shallow |
| <input type="checkbox"/> *Fruit: width of stalk cavity | narrow | narrow |
| <input type="checkbox"/> *Fruit: depth of suture | shallow | shallow |
| <input type="checkbox"/> *Fruit: bloom of skin | medium to strong | medium |
| <input type="checkbox"/> *Fruit: ground colour of skin | not visible | not visible |
| <input type="checkbox"/> *Fruit: relative area of over colour | very large or whole surface | very large or whole surface |
| <input type="checkbox"/> *Fruit: over colour of skin | dark red | dark red |
| <input type="checkbox"/> *Fruit: pattern of over colour | mottled | mottled |
| <input type="checkbox"/> *Fruit: number of lenticels | very few | very few |
| <input type="checkbox"/> *Fruit: size of lenticels | small | small |
| <input type="checkbox"/> *Fruit: colour of flesh | dark red | dark red |
| <input type="checkbox"/> Fruit: firmness | medium to firm | medium |
| <input type="checkbox"/> Fruit: juiciness | medium | medium |
| <input type="checkbox"/> Fruit: acidity | low | low |
| <input type="checkbox"/> Fruit: sweetness | high | high |
| <input type="checkbox"/> *Fruit: adherence of stone to flesh | semi-adherent | semi-adherent |
| <input type="checkbox"/> Fruit: amount of fiber | low | low |
| <input checked="" type="checkbox"/> *Stone: size | medium | large |
| <input type="checkbox"/> *Stone: shape in lateral view | narrow elliptic | narrow elliptic |
| <input type="checkbox"/> *Stone: shape in ventral view | medium elliptic | medium elliptic |
| <input type="checkbox"/> *Stone: shape in basal view | narrow elliptic | narrow elliptic |
| <input type="checkbox"/> Stone: symmetry in lateral view | symmetric or slightly asymmetric | symmetric or slightly asymmetric |
| <input type="checkbox"/> Stone: texture of lateral surfaces | granular | granular |
| <input type="checkbox"/> Stone: width of stalk-end | medium | medium |
| <input type="checkbox"/> *Time of: beginning of flowering | early | early |
| <input checked="" type="checkbox"/> *Time of: beginning of fruit ripening | late to very late | medium to late |

| Characteristics Additional to the Descriptor/TG | | |
|---|------------------|-----------------------|
| Organ/Plant Part: Context | 'GW1' | 'Queen Garnet' |
| <input checked="" type="checkbox"/> Fruit: intensity of bloom on skin | medium to strong | weak to medium |

Prior Applications and Sales:

Nil.

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

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2017/015 | |
| Variety Name | 'Jinyan' | |
| Genus Species | <i>Actinidia chinensis</i> | |
| Common Name | Kiwifruit | |
| Synonym | Nil | |
| Accepted Date | 09 Nov 2017 | |
| Applicant | Wuhan Botanical Garden, Chinese Academy of Sciences, Wuhan city, China | |
| Agent | Griffith Hack, Melbourne, VIC | |
| Qualified Person | Mark Lunghusen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | CREA-OFA Roma, Italy | |
| Overseas Data Reference Number | 2013/2066 | |
| Location | Rome, Italy | |
| Descriptor | Kiwifruit (<i>Actinidia chinensis</i>) TG/98/7 Rev. | |
| Period | 2015-2018 | |
| Conditions | N/A | |
| Trial Design | Based solely on overseas examination in Rome, Italy. | |
| Measurements | N/A | |
| RHS Chart - edition | N/A | |
| Origin and Breeding | | |
| Controlled pollination: followed by seedling selection: In 1984 a cross was made with a selection of <i>Actinidia eriantha</i> as the female parent that had large fruit and pollen from various <i>Actinidia</i> Chinese plants as the male parent. A total of 69 seedlings were germinated with 7 of these being female plants. 'Jinyan' was selected from the resultant seedlings based on fruit storage life, fruit size and yield. Breeders: Wuhan Botanical Garden, Chinese Academy of Sciences, Wuhan City, China. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | weight | high |
| Fruit | shape | oblong |
| Fruit | stylar end | rounded |
| Fruit | hairiness of stem | present |
| Fruit | colour of outer pericarp | light green |
| Fruit | colour of locules | greenish yellow |
| Flowering | time of flowering start | medium |
| Flowering | time of maturity for harvest | late |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Jintao' | |

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

| Organ/Plant Part: Context | 'Jinyan' | 'Jintao' |
|---|--------------------------------------|------------------|
| <input type="checkbox"/> *Plant: sex | female | |
| <input type="checkbox"/> Plant: self fruit setting | absent | |
| <input type="checkbox"/> Plant: vigour | medium | |
| <input type="checkbox"/> *Young shoot: density of hairs | sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip | absent or very weak | |
| <input type="checkbox"/> *Stem: thickness | thin | |
| <input checked="" type="checkbox"/> *Stem: colour of shoot on sunny side | light brown | dark brown |
| <input type="checkbox"/> Stem: texture of bark | smooth | moderately rough |
| <input type="checkbox"/> Stem: density of hairs | absent or sparse | |
| <input type="checkbox"/> *Stem: size of lenticels | small | |
| <input type="checkbox"/> *Stem: number of lenticels | few | |
| <input type="checkbox"/> *Stem: prominence of bud support | medium | |
| <input type="checkbox"/> *Stem: presence of bud cover | present | |
| <input type="checkbox"/> *Stem: size of hole in bud cover | large | |
| <input type="checkbox"/> Stem: leaf scar | moderately depressed | |
| <input type="checkbox"/> *Stem: pith | lamellate | |
| <input type="checkbox"/> *Leaf blade: shape | ovate | |
| <input type="checkbox"/> *Leaf blade: ratio length/width | moderately elongated to intermediate | |
| <input type="checkbox"/> *Leaf blade: shape of apex | acute | |
| <input type="checkbox"/> *Leaf blade: basal lobes | touching each other | |
| <input type="checkbox"/> Leaf blade: density of hairs on upper side | absent or very sparse | |
| <input type="checkbox"/> Leaf blade: density of hairs on lower side | medium | |
| <input type="checkbox"/> *Leaf blade: intensity of green colour of upper side | light to medium | |
| <input type="checkbox"/> *Leaf blade: colour of lower side | light green | |
| <input type="checkbox"/> Leaf blade: variegation | absent | |
| <input type="checkbox"/> *Leaf: length of petiole relative to blade | medium | |
| <input type="checkbox"/> Petiole: anthocyanin colouration of upper side | weak | |

| | | | |
|-------------------------------------|---|----------------------------|-------------|
| <input type="checkbox"/> | Inflorescence: type | dichasium | solitary |
| <input type="checkbox"/> | Inflorescence: number of flowers | medium | |
| <input type="checkbox"/> | Flower: number of sepals | many | |
| <input type="checkbox"/> | *Flower: main colour of sepals | brown | |
| <input type="checkbox"/> | Flower: density of sepal hairs | dense | |
| <input type="checkbox"/> | *Flower: diameter | large | |
| <input type="checkbox"/> | *Flower: arrangement of petals | overlapping | |
| <input type="checkbox"/> | Flower: shape in profile | flat | |
| <input type="checkbox"/> | Flower: number of styles | medium | |
| <input checked="" type="checkbox"/> | *Flower: attitude of styles | semi-erect | irregular |
| <input checked="" type="checkbox"/> | Petal: main colour on adaxial side | yellowish white | white |
| <input type="checkbox"/> | Petal: shading of main colour | even | |
| <input type="checkbox"/> | Petal: second colour on adaxial side | green | |
| <input type="checkbox"/> | Petal: distribution of second colour | basal spot only | |
| <input type="checkbox"/> | Anther: colour | yellow | |
| <input type="checkbox"/> | *Fruit: weight | high | |
| <input type="checkbox"/> | *Fruit: length | long | |
| <input type="checkbox"/> | *Fruit: width | medium to broad | |
| <input checked="" type="checkbox"/> | *Fruit: ratio length/width | medium | very low |
| <input type="checkbox"/> | *Fruit: shape | oblong | |
| <input type="checkbox"/> | *Fruit: shape in cross section (at median) | oblate | |
| <input type="checkbox"/> | *Fruit: stylar end | rounded | |
| <input type="checkbox"/> | Fruit: presence of calyx ring | absent or weakly expressed | |
| <input type="checkbox"/> | *Fruit: shape of shoulder at stalk end | weakly sloping | |
| <input type="checkbox"/> | *Fruit: length of stalk | medium | |
| <input type="checkbox"/> | *Fruit: length of stalk relative to length of fruit | short to medium | |
| <input type="checkbox"/> | Fruit: conspicuousness of lenticels on skin | strong | |
| <input type="checkbox"/> | *Fruit: hairiness of skin | present | |
| <input type="checkbox"/> | *Fruit: density of hairs | very sparse | |
| <input type="checkbox"/> | Fruit: colour of hairs | yellow brown | |
| <input type="checkbox"/> | *Fruit: adherence of hairs to skin | very weak | |
| <input type="checkbox"/> | *Fruit: colour of skin | reddish brown | light brown |
| <input type="checkbox"/> | *Fruit: colour of outer pericarp | light green | |
| <input type="checkbox"/> | *Fruit: colour of locules | greenish yellow | |
| <input type="checkbox"/> | *Fruit: width of core relative to fruit | small | |
| <input type="checkbox"/> | *Fruit: general shape of core in cross section | oblate | |
| <input type="checkbox"/> | *Fruit: colour of core | yellow white | |
| <input type="checkbox"/> | Fruit: sweetness | medium to high | |

| | | | |
|-------------------------------------|----------------------------------|--------|-----------------|
| <input type="checkbox"/> | Fruit: acidity | low | |
| <input checked="" type="checkbox"/> | *Time of: vegetative bud burst | late | early to medium |
| <input type="checkbox"/> | *Time of: beginning of flowering | medium | |
| <input type="checkbox"/> | *Time of: maturity for harvest | late | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| QZ | 2013 | Granted | 'Jinyan' |
| CL | 2017 | Granted | 'Jinyan' |

First sold in Jun: 2011 in China.

Description: **Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Wonga Park, VIC 3115.

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2017/014 | |
| Variety Name | 'Dong Hong' | |
| Genus Species | <i>Actinidia chinensis</i> | |
| Common Name | Kiwifruit | |
| Synonym | Nil | |
| Accepted Date | 14 Mar 2017 | |
| Applicant | Wuhan Botanical Garden, Chinese Academy of Sciences, Wuhan City, China | |
| Agent | Griffith Hack, Melbourne, VIC | |
| Qualified Person | Mark Lunghusen | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | CREA-OFA Roma, Italy | |
| Overseas Data Reference Number | 2013/2067 | |
| Location | Rome, Italy | |
| Descriptor | Kiwifruit (<i>Actinidia chinensis</i>) TG/98/7 Rev. | |
| Period | 2015-2018 | |
| Conditions | N/A | |
| Trial Design | Based solely on overseas examination in Rome, Italy. | |
| Measurements | N/A | |
| RHS Chart - edition | N/A | |
| Origin and Breeding | | |
| Open pollination: followed by seedling selection: Open pollinated seeds were collected and sown from the parent variety 'Hongyang' in 2001. In 2002, 347 seedlings were germinated, with 280 seedlings planted in 2003 at Wuhan for evaluation. The candidate variety was selected from these planted seedlings in 2005 based on fruit size. Breeder: Wuhan Botanical Garden, Chinese Academy of Sciences, Wuhan City, China. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | weight | low |
| Fruit | shape | elliptic |
| Fruit | stylar end | weakly depressed |
| Fruit | hairiness of skin | present |
| Fruit | colour of outer pericarp | greenish yellow |
| Fruit | colour of locules | red |
| Flowering | time of beginning of flowering | early |
| Harvest | time of maturity for harvest | early to medium |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| Red Sun 1 | |

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

| Organ/Plant Part: Context | 'Dong Hong' | 'Red Sun 1' |
|---|-----------------------|--------------------|
| <input type="checkbox"/> *Plant: sex | female | |
| <input type="checkbox"/> Plant: self fruit setting | absent | |
| <input type="checkbox"/> Plant: vigour | medium | |
| <input type="checkbox"/> *Young shoot: density of hairs | sparse | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip | absent or very weak | |
| <input type="checkbox"/> *Stem: thickness | thin | |
| <input type="checkbox"/> *Stem: colour of shoot on sunny side | red brown | |
| <input type="checkbox"/> Stem: texture of bark | smooth | moderately rough |
| <input type="checkbox"/> Stem: density of hairs | absent or sparse | |
| <input type="checkbox"/> *Stem: size of lenticels | small | |
| <input type="checkbox"/> *Stem: number of lenticels | medium to many | |
| <input type="checkbox"/> *Stem: prominence of bud support | medium | |
| <input type="checkbox"/> *Stem: presence of bud cover | absent | |
| <input type="checkbox"/> Stem: leaf scar | moderately depressed | |
| <input type="checkbox"/> *Stem: pith | lamellate | |
| <input type="checkbox"/> *Leaf blade: shape | ovate | |
| <input type="checkbox"/> *Leaf blade: ratio length/width | intermediate | |
| <input type="checkbox"/> *Leaf blade: shape of apex | acute | |
| <input type="checkbox"/> *Leaf blade: basal lobes | slightly overlapping | |
| <input type="checkbox"/> Leaf blade: density of hairs on upper side | absent or very sparse | |
| <input type="checkbox"/> Leaf blade: density of hairs on lower side | medium | |
| <input type="checkbox"/> *Leaf blade: intensity of green colour of upper side | light to medium | |
| <input type="checkbox"/> *Leaf blade: colour of lower side | light green | |
| <input type="checkbox"/> Leaf blade: variegation | absent | |
| <input type="checkbox"/> *Leaf: length of petiole relative to blade | medium to large | |
| <input type="checkbox"/> Petiole: anthocyanin colouration of upper side | absent or very weak | |
| <input type="checkbox"/> Inflorescence: type | solitary | |

| | | | |
|-------------------------------------|---|----------------------------|-----------------|
| <input type="checkbox"/> | Inflorescence: number of flowers | very few | |
| <input type="checkbox"/> | Flower: number of sepals | many | |
| <input type="checkbox"/> | *Flower: main colour of sepals | green | |
| <input type="checkbox"/> | Flower: density of sepal hairs | medium | |
| <input type="checkbox"/> | *Flower: diameter | small to medium | |
| <input type="checkbox"/> | *Flower: arrangement of petals | overlapping | |
| <input type="checkbox"/> | Flower: shape in profile | concave | flat |
| <input type="checkbox"/> | Flower: number of styles | medium | |
| <input type="checkbox"/> | *Flower: attitude of styles | irregular | |
| <input type="checkbox"/> | Petal: main colour on adaxial side | yellowish white | |
| <input type="checkbox"/> | Petal: shading of main colour | lighter towards apex | even |
| <input type="checkbox"/> | Petal: second colour on adaxial side | green | |
| <input type="checkbox"/> | Petal: distribution of second colour | basal spot only | |
| <input type="checkbox"/> | Anther: colour | yellow orange | |
| <input type="checkbox"/> | *Fruit: weight | low | |
| <input type="checkbox"/> | *Fruit: length | medium | |
| <input type="checkbox"/> | *Fruit: width | medium | |
| <input type="checkbox"/> | *Fruit: ratio length/width | medium | |
| <input type="checkbox"/> | *Fruit: shape | elliptic | |
| <input type="checkbox"/> | *Fruit: shape in cross section (at median) | oblate | |
| <input type="checkbox"/> | *Fruit: stylar end | weakly depressed | |
| <input type="checkbox"/> | Fruit: presence of calyx ring | absent or weakly expressed | |
| <input type="checkbox"/> | *Fruit: shape of shoulder at stalk end | weakly sloping | |
| <input type="checkbox"/> | *Fruit: length of stalk | medium | |
| <input type="checkbox"/> | *Fruit: length of stalk relative to length of fruit | medium to long | |
| <input type="checkbox"/> | Fruit: conspicuousness of lenticels on skin | medium | |
| <input type="checkbox"/> | *Fruit: hairiness of skin | present | |
| <input type="checkbox"/> | *Fruit: density of hairs | very sparse | |
| <input type="checkbox"/> | Fruit: colour of hairs | yellow brown | |
| <input type="checkbox"/> | *Fruit: adherence of hairs to skin | very weak | |
| <input type="checkbox"/> | *Fruit: colour of skin | greenish brown | |
| <input type="checkbox"/> | *Fruit: colour of outer pericarp | greenish yellow | |
| <input type="checkbox"/> | *Fruit: colour of locules | red | |
| <input type="checkbox"/> | Fruit: spread of reddish colour along locules | weak | medium |
| <input type="checkbox"/> | Fruit: intensity of reddish colour in locules | medium | |
| <input checked="" type="checkbox"/> | *Fruit: width of core relative to fruit | small to medium | medium to large |

| | | | |
|--------------------------|--|---------------------|--|
| <input type="checkbox"/> | *Fruit: general shape of core in cross section | transverse elliptic | |
| <input type="checkbox"/> | *Fruit: colour of core | yellow white | |
| <input type="checkbox"/> | Fruit: sweetness | high | |
| <input type="checkbox"/> | Fruit: acidity | very low | |
| <input type="checkbox"/> | *Time of: vegetative bud burst | medium | |
| <input type="checkbox"/> | *Time of: beginning of flowering | early | |
| <input type="checkbox"/> | *Time of: maturity for harvest | early to medium | |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| China | 2011 | Granted | 'Dong Hong' |

First sold in Feb 2014 in China.

Description: **Mark Lughusen**, Australian Horticultural Services Pty Ltd, Wonga Park, VIC 3115.

| | |
|--|---|
| Details of Application | |
| Application Number | 2020/033 |
| Variety Name | 'LLW-025' |
| Genus Species | <i>Lablab purpureus</i> |
| Common Name | Lablab Bean |
| Synonym | Nil |
| Accepted Date | 26 Mar 2020 |
| Applicant | GeneGro Pty Ltd, Alexandra Hills, QLD |
| Agent | N/A |
| Qualified Person | Dr Donald S. Loch |
| Details of Comparative Trial | |
| Location | Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl) |
| Descriptor | National Descriptor for Lablab Bean (PBR LABL) |
| Period | 25 Jan – 31 Aug 2015 |
| Conditions | Seed sown on 25 Jan 2015 in 20 mm diameter tubes (one seedling per tube); watered with a slurry of Lablab inoculant (CB1024) on 28 Jan 2015. Seedlings planted out on a red volcanic (krasnozem or ferrosol) soil on 7 Feb 2015; weed control by pre-emergence pendimethalin (Rifle 440) post-planting on 9 Feb 2015; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 8 Feb 2015 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; supplementary fertiliser re-applied at half rates on 7 Mar 2015; supplementary trickle irrigation applied as required to maintain unstressed growth. Sprayed with methomyl (Lannate L) + imidacloprid (Surefire Spectrum 200SC) to protect leaves, flowers and pods (9 Jul 2015). |
| Trial Design | 30 plants of each of 5 cultivars ('LLW-025', 'LLW-024', 'LLW-014', 'LLW-015', 'Rongai') were arranged in 6 randomised blocks with 5 plants per plot in a single row along trickle irrigation lines; 0.9 m between plants in each plot and 1.4 m between plots in each row; 3.0 m between rows on trickle irrigation lines. |
| Measurements | Days to flowering determined progressively for each plot (7-24 May 2015). Measurements of sward height (one per plot) made on 28 Aug 2015 (215 days after sowing). Measurements (one set per plant) made on fully expanded leaves from node ± 10 on well-developed lateral branches (all cultivars - 18-20 Jun 2015) and on inflorescences and pods for 'LLW-025' (30 Jul 2015), 'LLW-015' (24 Jul 2015), and 'Rongai' (28 Jul 2015). Samples of ripe pods (one sample per plot) collected progressively during Jun-Aug 2015 to determine seed size after hand-threshing, removal of inert material and drying sub-samples of 300 seeds per plot at 35°C. Analyses of variance (ANOVAs) conducted with GenStat Release 12. |
| RHS Chart - edition | 2007 (5th edition) |
| Origin and Breeding | |
| Single Plant Selection: 'LLW-025' was selected from the accession ILRI 13685, which proved to be heterozygous for white-flowered, anthocyanin-free genotypes with brown seeds and purple-flowered, anthocyanin-pigmented genotypes with mottled black seeds. These two | |

seed types were separated prior to including them along with 58 other genotypes similarly separated from 31 accessions from Australian and international germplasm collections in a replicated screening trial at Cleveland (QLD) in 2005 to evaluate their forage attributes relative to the current industry standards ‘Rongai’ and ‘Highworth’. The vigorous growth and other forage-related attributes of both lines from ILRI 13685 were rated as comparable to, or better than, all other genotypes including the current industry standards and shortlisted for further research. In subsequent trials at Birkdale (QLD) from 2011 onwards, the heterozygous nature of the anthocyanin-pigmented material became apparent because it did not breed true-to-type. Multiple lines of anthocyanin-free material – all with high dry matter production but differing in their morphological characteristics and flowering time - were generated in the course of determining the genetic basis of this unique situation. Normal Mendelian 3:1 ratios were confirmed in 2013/14 for plant, flower and seed pigmentation (with the white-flowered anthocyanin free characters being recessive and the purple pigmented characters being dominant) through progeny tests on 27 spaced plants from the pigmented line. ‘LLW-025’ was selected for release based on its high production of leafy forage, its late flowering time, and its excellent drought tolerance under rain-grown conditions. ‘Breeder: Donald S. Loch, Margaret Zorin & Walter J. Scattini (GeneGro Pty Ltd, QLD).

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Flower | colour | white |
| Seed | colour | greyed-orange (brown) |
| Seed | shape (in lateral view) | flattened or intermediate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| ‘Rongai’ | Industry standard cultivar released in 1962 |
| ‘LLW-015’ | PBR Application No. 2015/092 |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-------------|--------------------------------|--------|--|---|---|
| ‘Highworth’ | Flower | colour | white | purple | Industry standard cultivar released in 1973 |
| ‘Highworth’ | Seed | colour | greyed-orange (brown) | black | |
| ‘LLP-017’ | Flower | colour | white | purple | PBR Application No. 2016/107 |
| ‘LLP-017’ | Seed | colour | greyed-orange (brown) | black | |
| ‘SSLL-042’ | Flower | colour | white | purple | PBR Application No. 2015/084 |

| | | | | | |
|------------|--------|-------------------------|-----------------------|-----------------------|------------------------------|
| 'SSLL-042' | Seed | colour | greyed-orange (brown) | black | |
| 'LLP-016' | Flower | colour | white | purple | PBR Application No. 2016/108 |
| 'LLP-016' | Seed | colour | greyed-orange (brown) | mottled black(-brown) | |
| 'LLW-014' | Seed | shape (in lateral view) | flattened | rounded | PBR Application No. 2015/091 |
| 'LLW-024' | Seed | shape (in lateral view) | flattened | rounded | PBR Application No. 2020/032 |

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

| Organ/Plant Part: Context | 'LLW-025' | 'LLW-015' | 'Rongai' |
|--|-------------------------|-------------------------|-----------------------|
| <input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl | absent | absent | absent |
| <input type="checkbox"/> Plant: growth type | indeterminate | indeterminate | indeterminate |
| <input type="checkbox"/> Plant: vigour | very strong | very strong | strong to very strong |
| <input checked="" type="checkbox"/> Plant: growth habit (vertical) | semi-erect to prostrate | semi-erect to prostrate | erect to semi-erect |
| <input checked="" type="checkbox"/> Plant: growth habit (lateral) | very strongly spreading | very strongly spreading | strongly spreading |
| <input type="checkbox"/> Plant: vining tendency (twining) | present | present | present |
| <input checked="" type="checkbox"/> Plant: degree of twining (where present) | very strong | very strong | strong |
| <input checked="" type="checkbox"/> Stem: degree of hairiness | weak to medium | weak | strong |
| <input type="checkbox"/> Stem: anthocyanin colouration | absent | absent | absent |
| <input checked="" type="checkbox"/> Stem: degree of lateral branching | very strong | very strong | strong |
| <input type="checkbox"/> Leaf: texture | fine (thin) | fine (thin) | fine (thin) |
| <input type="checkbox"/> Leaf: mature leaf colour (RHS) | 137B-C | 137B-C | 137B-C |
| <input type="checkbox"/> Leaf: shape of blade on terminal leaflet | broad ovate | broad ovate | broad ovate |
| <input type="checkbox"/> Leaf: shape of terminal leaflet apex | bluntly acuminate | bluntly acuminate | acuminate |
| <input type="checkbox"/> Leaf: glossiness | weak | weak | weak |
| <input type="checkbox"/> Leaf: anthocyanin colouration of petioles | absent | absent | absent |
| <input checked="" type="checkbox"/> Leaf: degree of hairiness of petiole | weak | very weak to weak | medium to strong |
| <input checked="" type="checkbox"/> Leaf: degree of hairiness | very weak to weak | very weak to weak | medium to strong |
| <input type="checkbox"/> Leaf: anthocyanin colouration of veins | absent | absent | absent |
| <input checked="" type="checkbox"/> Terminal leaflet: degree of hairiness of secondary petiole | weak | weak | medium |

| | | | |
|---|--------------------|--------------------|--------------------|
| <input type="checkbox"/> Terminal leaflet: anthocyanin colouration of secondary petiole | absent | absent | absent |
| <input type="checkbox"/> Inflorescence: position relative to canopy | above | above | above |
| <input type="checkbox"/> Inflorescence: peduncle length | medium to long | medium to long | medium to long |
| <input type="checkbox"/> Standard petal : colour (freshly open flower) (RHS) | 155C | 155C | 155C |
| <input type="checkbox"/> Keel: colour (freshly open flower) (RHS) | 155C | 155C | 155C |
| <input type="checkbox"/> Immature pod: attitude | horizontal (erect) | horizontal (erect) | horizontal (erect) |
| <input type="checkbox"/> Immature pod: base colour (RHS) | 143A-C | 143A-C | 143A-C |
| <input type="checkbox"/> Immature pod: anthocyanin colouration | absent | absent | absent |
| <input checked="" type="checkbox"/> Mature pod: colour exposed to sun (RHS) | 162B-C | 163C-D | 162B |
| <input type="checkbox"/> Mature pod: degree of curvature | slightly curved | slightly curved | slightly curved |
| <input type="checkbox"/> Mature pod: prominence of beak | medium | medium | medium |
| <input type="checkbox"/> Mature pod: pubescence | absent | absent | absent |
| <input type="checkbox"/> Mature pod: constrictions | absent or weak | absent or weak | absent or weak |
| <input type="checkbox"/> Mature pod: thickness of walls | medium | medium | medium |
| <input type="checkbox"/> Mature pod: predominant number of seeds | 4 | (3-)4 | 4 |
| <input type="checkbox"/> Mature pod: shattering | absent | absent | absent |
| <input checked="" type="checkbox"/> Seed: size | small to medium | medium to large | medium |
| <input type="checkbox"/> Seed: shape (in vertical view) | oval | oval | oval |
| <input checked="" type="checkbox"/> Seed: shape (in lateral view) | flattened | flattened | intermediate |
| <input checked="" type="checkbox"/> Seed: primary colour of testa (RHS) | 166A-B(-C) | 164C | 165B-C |
| <input type="checkbox"/> Seed: mottling of testa | absent | absent | absent |
| <input type="checkbox"/> Seed: hilum colour (RHS) | N155D | N155D | N155C |

Statistical Table

| Organ/Plant Part: Context | 'LLW-025' | 'LLW-015' | 'Rongai' |
|--|------------------|------------------|-----------------|
| <input checked="" type="checkbox"/> Plant: sward height 215 days after sowing (cm) | | | |
| Mean | 68.50 | 67.00 | 90.00 |
| Std. Deviation | 5.79 | 10.97 | 9.57 |
| LSD/sig | 13.00 | ns | P<0.01 |
| <input checked="" type="checkbox"/> Plant: days from sowing to flowering | | | |
| Mean | 111.17 | 102.17 | 109.50 |
| Std. Deviation | 3.87 | 1.72 | 4.76 |
| LSD/sig | 4.50 | P<0.01 | ns |
| <input checked="" type="checkbox"/> Trifoliate leaf: primary petiole length (mm) | | | |
| Mean | 118.60 | 129.57 | 140.47 |
| Std. Deviation | 36.33 | 35.98 | 31.43 |
| LSD/sig | 19.70 | ns | P<0.01 |

| | | | |
|--|--------|--------|--------|
| <input type="checkbox"/> Trifoliolate leaf: length of petiole subtending terminal leaflet (mm) | | | |
| Mean | 26.30 | 30.33 | 28.03 |
| Std. Deviation | 4.28 | 5.58 | 4.62 |
| LSD/sig | 4.70 | ns | ns |
| <input type="checkbox"/> Trifoliolate leaf: length of terminal leaflet (mm) | | | |
| Mean | 94.27 | 93.40 | 94.93 |
| Std. Deviation | 5.79 | 7.74 | 8.28 |
| LSD/sig | 8.30 | ns | ns |
| <input checked="" type="checkbox"/> Trifoliolate leaf: width of terminal leaflet (mm) | | | |
| Mean | 108.00 | 100.53 | 93.63 |
| Std. Deviation | 7.37 | 6.84 | 6.90 |
| LSD/sig | 8.80 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of terminal leaflet | | | |
| Mean | 0.88 | 0.93 | 1.01 |
| Std. Deviation | 0.05 | 0.05 | 0.03 |
| LSD/sig | 0.04 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Trifoliolate leaf: length of lateral leaflet (mm) | | | |
| Mean | 95.53 | 97.27 | 90.93 |
| Std. Deviation | 7.38 | 8.49 | 7.13 |
| LSD/sig | 7.90 | ns | ns |
| <input checked="" type="checkbox"/> Trifoliolate leaf: width of lateral leaflet (mm) | | | |
| Mean | 89.90 | 85.47 | 79.50 |
| Std. Deviation | 8.66 | 7.62 | 6.31 |
| LSD/sig | 8.00 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of lateral leaflet | | | |
| Mean | 1.07 | 1.14 | 1.15 |
| Std. Deviation | 0.05 | 0.06 | 0.05 |
| LSD/sig | 0.05 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Inflorescence: peduncle length (basal segment) (mm) | | | |
| Mean | 206.20 | 212.50 | 192.80 |
| Std. Deviation | 42.64 | 59.14 | 53.98 |
| LSD/sig | 55.50 | ns | ns |
| <input checked="" type="checkbox"/> Inflorescence: peduncle length (top segment) (mm) | | | |
| Mean | 104.13 | 115.87 | 137.87 |
| Std. Deviation | 24.84 | 38.94 | 30.05 |
| LSD/sig | 22.90 | ns | P≤0.01 |
| <input type="checkbox"/> Inflorescence: overall peduncle length (mm) | | | |
| Mean | 310.33 | 328.37 | 330.67 |
| Std. Deviation | 55.54 | 84.11 | 77.47 |
| LSD/sig | 66.10 | ns | ns |
| <input checked="" type="checkbox"/> Inflorescence: percentage of peduncle in top segment (%) | | | |
| Mean | 33.70 | 35.30 | 42.20 |
| Std. Deviation | 5.98 | 6.61 | 5.23 |
| LSD/sig | 6.43 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Inflorescence: length of raceme (mm) | | | |

| | | | |
|---|--------|--------|--------|
| Mean | 149.60 | 158.07 | 205.07 |
| Std. Deviation | 29.85 | 31.44 | 27.25 |
| LSD/sig | 22.30 | ns | P≤0.01 |
| <input type="checkbox"/> Inflorescence: number of primary triads | | | |
| Mean | 8.93 | 9.03 | 9.77 |
| Std. Deviation | 1.46 | 1.96 | 1.52 |
| LSD/sig | 1.70 | ns | ns |
| <input checked="" type="checkbox"/> Inflorescence: mean length of raceme per triad (mm) | | | |
| Mean | 16.72 | 17.68 | 21.23 |
| Std. Deviation | 1.35 | 2.03 | 2.67 |
| LSD/sig | 1.57 | ns | P≤0.01 |
| <input type="checkbox"/> Inflorescence: total number of pods | | | |
| Mean | 12.57 | 12.03 | 11.57 |
| Std. Deviation | 2.92 | 1.67 | 1.94 |
| LSD/sig | 3.60 | ns | ns |
| <input type="checkbox"/> Inflorescence: mean number of pods per primary triad | | | |
| Mean | 1.42 | 1.38 | 1.21 |
| Std. Deviation | 0.28 | 0.32 | 0.29 |
| LSD/sig | 0.25 | ns | ns |
| <input checked="" type="checkbox"/> Pod: length (mm) | | | |
| Mean | 64.37 | 60.77 | 57.48 |
| Std. Deviation | 3.21 | 4.13 | 2.55 |
| LSD/sig | 3.09 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: depth (mm) | | | |
| Mean | 22.23 | 21.32 | 21.00 |
| Std. Deviation | 0.63 | 0.84 | 0.46 |
| LSD/sig | 0.66 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: length:depth ratio | | | |
| Mean | 2.90 | 2.85 | 2.74 |
| Std. Deviation | 0.13 | 0.19 | 0.12 |
| LSD/sig | 0.13 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: mean number of seeds per pod | | | |
| Mean | 4.05 | 3.83 | 4.08 |
| Std. Deviation | 0.38 | 0.27 | 0.27 |
| LSD/sig | 0.19 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Seed: 1000-seed weight (g) | | | |
| Mean | 229.24 | 295.26 | 249.60 |
| Std. Deviation | 5.25 | 5.27 | 4.91 |
| LSD/sig | 8.96 | P≤0.01 | P≤0.01 |

Prior Applications and Sale

Nil.

Description: **D.S. Loch** (Alexandra Hills, QLD) & **C.M. Zorin** (Birkdale, QLD).

| | |
|--|---|
| Details of Application | |
| Application Number | 2020/032 |
| Variety Name | 'LLW-024' |
| Genus Species | <i>Lablab purpureus</i> |
| Common Name | Lablab Bean |
| Synonym | Nil |
| Accepted Date | 26 Mar 2020 |
| Applicant | GeneGro Pty Ltd, Alexandra Hills, QLD |
| Agent | N/A |
| Qualified Person | Dr Donald S. Loch |
| Details of Comparative Trial | |
| Location | Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl) |
| Descriptor | National Descriptor for Lablab Bean (PBR LABL) |
| Period | 25 Jan – 31 Aug 2015 |
| Conditions | Seed sown on 25 Jan 2015 in 20 mm diameter tubes (one seedling per tube); watered with a slurry of Lablab inoculant (CB1024) on 28 Jan 2015. Seedlings planted out on a red volcanic (krasnozem or ferrosol) soil on 7 Feb 2015; weed control by pre-emergence pendimethalin (Rifle 440) post-planting on 9 Feb 2015; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 8 Feb 2015 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; supplementary fertiliser re-applied at half rates on 7 Mar 2015; supplementary trickle irrigation applied as required to maintain unstressed growth. Sprayed with methomyl (Lannate L) + imidacloprid (Surefire Spectrum 200SC) to protect leaves, flowers and pods (9 Jul 2015). |
| Trial Design | 30 plants of each of 5 cultivars ('LLW-024', 'LLW-025', 'LLW-014', 'LLW-015', 'Rongai') were arranged in 6 randomised blocks with 5 plants per plot in a single row along trickle irrigation lines; 0.9 m between plants in each plot and 1.4 m between plots in each row; 3.0 m between rows on trickle irrigation lines. |
| Measurements | Days to flowering determined progressively for each plot (7-24 May 2015). Measurements of sward height (one per plot) made on 28 Aug 2015 (215 days after sowing). Measurements (one set per plant) made on fully expanded leaves from node ± 10 on well-developed lateral branches (all cultivars - 18-20 Jun 2015) and on inflorescences and pods for 'LLW-024' (29 Jul 2015), 'LLW-014' (27 Jul 2015), and 'Rongai' (28 Jul 2015). Samples of ripe pods (one sample per plot) collected progressively during Jun-Aug 2015 to determine seed size after hand-threshing, removal of inert material and drying sub-samples of 300 seeds per plot at 35°C. Analyses of variance (ANOVAs) conducted with GenStat Release 12. |
| RHS Chart - edition | 2007 (5th edition) |
| Origin and Breeding | |
| Single Plant Selection: 'LLW-024' was selected from the accession ILRI 14428 which consisted of a mixture of black- and brown-seeded genotypes. Prior to conducting trials, the brown-seeded material was further sub-divided into larger, more rounded, mid-brown seeds (later released as 'LLW-014') and smaller, less rounded, lighter brown seeds (the source of 'LLW-024'). These and 58 other genotypes similarly separated from 31 accessions from Australian and international germplasm collections were initially screened in a replicated trial | |

at Cleveland (QLD) in 2005 to evaluate their forage attributes relative to the current industry standards 'Rongai' and 'Highworth'. In this trial, the dry matter production of the two brown-seeded genotypes separated from ILRI 14428 was comparable to, or better than, all other genotypes including the current industry standards 'Rongai' and 'Highworth'. Based on their vigorous growth and other forage-related attributes, both experimental lines were shortlisted as promising late-flowering, white-flowered, anthocyanin-free forage lablabs. These were further evaluated against seven other promising late-flowering lablab lines (including 'Rongai') in trials at Birkdale (QLD) in 2011 and 2012, in which their high forage yields and uniformity of plant type were confirmed. The decision to release 'LLW-024' was based on its high forage production and smaller seed size, which offers potential advantages in terms of lowering seeding rates or germinating higher plant numbers compared with its larger-seeded sibling line (earlier released as 'LLW-014') and 'Rongai'. Breeders: Walter J. Scattini, Donald S. Loch & Margaret Zorin (GeneGro Pty Ltd, QLD).

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Flower | colour | white |
| Seed | colour | greyed-orange (brown) |
| Seed | shape (in lateral view) | rounded or intermediate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| 'Rongai' | Industry standard cultivar released in 1962 |
| 'LLW-014' | PBR Application No. 2015/091 |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-------------|--------------------------------|--------|--|---|---|
| 'Highworth' | Flower | colour | white | purple | Industry standard cultivar released in 1973 |
| 'Highworth' | Seed | colour | greyed-orange (brown) | black | |
| 'LLP-017' | Flower | colour | white | purple | PBR Application No. 2016/107 |
| 'LLP-017' | Seed | colour | greyed-orange (brown) | black | |
| 'SSLL-042' | Flower | colour | white | purple | PBR Application No. 2015/084 |
| 'SSLL-042' | Seed | colour | greyed-orange (brown) | black | |
| 'LLP-016' | Flower | colour | white | purple | PBR Application No. 2016/108 |
| 'LLP-016' | Seed | colour | greyed-orange (brown) | mottled black(-brown) | |

| | | | | | |
|-----------|------|-------------------------|---------|-----------|------------------------------|
| 'LLW-015' | Seed | shape (in lateral view) | rounded | flattened | PBR Application No. 2015/092 |
| 'LLW-025' | Seed | shape (in lateral view) | rounded | flattened | PBR Application No. 2020/033 |

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

| Organ/Plant Part: Context | 'LLW-024' | 'LLW-014' | 'Rongai' |
|---|-------------------------|-------------------------|-----------------------|
| <input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl | absent | absent | absent |
| <input type="checkbox"/> Plant: growth type | indeterminate | indeterminate | indeterminate |
| <input type="checkbox"/> Plant: vigour | strong to very strong | strong to very strong | strong to very strong |
| <input checked="" type="checkbox"/> Plant: growth habit (vertical) | prostrate | prostrate | erect to semi-erect |
| <input checked="" type="checkbox"/> Plant: growth habit (lateral) | very strongly spreading | very strongly spreading | strongly spreading |
| <input type="checkbox"/> Plant: vining tendency (twining) | present | present | present |
| <input checked="" type="checkbox"/> Plant: degree of twining (where present) | very strong | very strong | strong |
| <input checked="" type="checkbox"/> Stem: degree of hairiness | weak to medium | weak to medium | strong |
| <input type="checkbox"/> Stem: anthocyanin colouration | absent | absent | absent |
| <input checked="" type="checkbox"/> Stem: degree of lateral branching | very strong | very strong | strong |
| <input type="checkbox"/> Leaf: texture | fine (thin) | fine (thin) | fine (thin) |
| <input type="checkbox"/> Leaf: mature leaf colour (RHS) | 137A-B | 137A-B | 137B-C |
| <input type="checkbox"/> Leaf: shape of blade on terminal leaflet | broad ovate | broad ovate | broad ovate |
| <input checked="" type="checkbox"/> Leaf: shape of terminal leaflet apex | bluntly acuminate | bluntly acuminate | acuminate |
| <input type="checkbox"/> Leaf: glossiness | weak | weak | weak |
| <input type="checkbox"/> Leaf: anthocyanin colouration of petioles | absent | absent | absent |
| <input checked="" type="checkbox"/> Leaf: degree of hairiness of petiole | weak to medium | weak to medium | medium to strong |
| <input checked="" type="checkbox"/> Leaf: degree of hairiness | very weak to weak | weak | medium to strong |
| <input type="checkbox"/> Leaf: anthocyanin colouration of veins | absent | absent | absent |
| <input type="checkbox"/> Terminal leaflet: degree of hairiness of secondary petiole | weak to medium | weak to medium | medium |
| <input type="checkbox"/> Terminal leaflet: anthocyanin colouration of secondary petiole | absent | absent | absent |
| <input type="checkbox"/> Inflorescence: position relative to canopy | above | above | above |
| <input type="checkbox"/> Inflorescence: peduncle length | medium to long | medium to long | medium to long |
| <input type="checkbox"/> Standard petal : colour (freshly open flower) (RHS) | 155C | 155C | 155C |

| | | | |
|---|--------------------|--------------------|--------------------|
| <input type="checkbox"/> Keel: colour (freshly open flower) (RHS) | 155C | 155C | 155C |
| <input type="checkbox"/> Immature pod: attitude | horizontal (erect) | horizontal (erect) | horizontal (erect) |
| <input type="checkbox"/> Immature pod: base colour (RHS) | 143A-C | 143A-C | 143A-C |
| <input type="checkbox"/> Immature pod: anthocyanin colouration | absent | absent | absent |
| <input type="checkbox"/> Mature pod: colour exposed to sun (RHS) | 162D | 162D | 162B |
| <input type="checkbox"/> Mature pod: degree of curvature | slightly curved | slightly curved | slightly curved |
| <input type="checkbox"/> Mature pod: prominence of beak | medium | medium | medium |
| <input type="checkbox"/> Mature pod: pubescence | absent | absent | absent |
| <input type="checkbox"/> Mature pod: constrictions | absent or weak | absent or weak | absent or weak |
| <input type="checkbox"/> Mature pod: thickness of walls | medium | medium | medium |
| <input checked="" type="checkbox"/> Mature pod: predominant number of seeds | 2-3 | 4 | 4 |
| <input type="checkbox"/> Mature pod: shattering | absent | absent | absent |
| <input checked="" type="checkbox"/> Seed: size | small | medium | medium |
| <input type="checkbox"/> Seed: shape (in vertical view) | oval | oval | oval |
| <input checked="" type="checkbox"/> Seed: shape (in lateral view) | rounded | rounded | intermediate |
| <input checked="" type="checkbox"/> Seed: primary colour of testa (RHS) | 164A-B | 165A(-B) | 165B-C |
| <input type="checkbox"/> Seed: mottling of testa | absent | absent | absent |
| <input type="checkbox"/> Seed: hilum colour (RHS) | N155D | N155D | N155D |

Statistical Table

| Organ/Plant Part: Context | 'LLW-024' | 'LLW-014' | 'Rongai' |
|--|-----------|-----------|----------|
| <input checked="" type="checkbox"/> Plant: sward height 215 days after sowing (cm) | | | |
| Mean | 70.67 | 72.33 | 90.00 |
| Std. Deviation | 7.97 | 4.37 | 9.57 |
| LSD/sig | 13.00 | ns | P<0.01 |
| <input type="checkbox"/> Plant: days from sowing to flowering | | | |
| Mean | 109.00 | 108.83 | 109.50 |
| Std. Deviation | 0.89 | 1.47 | 4.76 |
| LSD/sig | 4.50 | ns | ns |
| <input type="checkbox"/> Trifoliolate leaf: primary petiole length (mm) | | | |
| Mean | 125.70 | 125.37 | 140.47 |
| Std. Deviation | 27.26 | 29.46 | 31.43 |
| LSD/sig | 19.70 | ns | ns |
| <input type="checkbox"/> Trifoliolate leaf: length of petiole subtending terminal leaflet (mm) | | | |
| Mean | 30.20 | 25.43 | 28.03 |
| Std. Deviation | 5.78 | 4.53 | 4.62 |
| LSD/sig | 4.70 | P<0.01 | ns |
| <input type="checkbox"/> Trifoliolate leaf: length of terminal leaflet (mm) | | | |
| Mean | 92.13 | 99.03 | 94.93 |
| Std. Deviation | 10.97 | 7.40 | 8.28 |
| LSD/sig | 8.30 | ns | ns |
| <input type="checkbox"/> Trifoliolate leaf: width of terminal leaflet (mm) | | | |
| Mean | 101.37 | 100.23 | 93.63 |

| | | | |
|---|--------|--------|--------|
| Std. Deviation | 12.75 | 7.28 | 6.90 |
| LSD/sig | 8.80 | ns | ns |
| <input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of terminal leaflet | | | |
| Mean | 0.91 | 0.99 | 1.01 |
| Std. Deviation | 0.05 | 0.05 | 0.30 |
| LSD/sig | 0.04 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Trifoliolate leaf: length of lateral leaflet (mm) | | | |
| Mean | 93.17 | 96.63 | 90.93 |
| Std. Deviation | 9.81 | 6.42 | 7.13 |
| LSD/sig | 7.90 | ns | ns |
| <input type="checkbox"/> Trifoliolate leaf: width of lateral leaflet (mm) | | | |
| Mean | 86.17 | 83.63 | 79.50 |
| Std. Deviation | 10.02 | 6.63 | 6.31 |
| LSD/sig | 8.00 | ns | ns |
| <input checked="" type="checkbox"/> Trifoliolate leaf: length:width ratio of lateral leaflet | | | |
| Mean | 1.08 | 1.16 | 1.15 |
| Std. Deviation | 0.06 | 0.06 | 0.05 |
| LSD/sig | 0.05 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Inflorescence: peduncle length (basal segment) (mm) | | | |
| Mean | 207.17 | 249.50 | 192.80 |
| Std. Deviation | 52.56 | 52.06 | 53.98 |
| LSD/sig | 55.50 | ns | ns |
| <input checked="" type="checkbox"/> Inflorescence: peduncle length (top segment) (mm) | | | |
| Mean | 139.23 | 112.87 | 137.87 |
| Std. Deviation | 31.83 | 29.58 | 30.05 |
| LSD/sig | 22.90 | P<0.01 | ns |
| <input type="checkbox"/> Inflorescence: overall peduncle length (mm) | | | |
| Mean | 346.40 | 362.37 | 330.67 |
| Std. Deviation | 62.64 | 65.16 | 77.47 |
| LSD/sig | 66.10 | ns | ns |
| <input checked="" type="checkbox"/> Inflorescence: percentage of peduncle in top segment (%) | | | |
| Mean | 40.68 | 31.27 | 42.20 |
| Std. Deviation | 8.67 | 6.50 | 5.23 |
| LSD/sig | 6.43 | P<0.01 | ns |
| <input checked="" type="checkbox"/> Inflorescence: length of raceme (mm) | | | |
| Mean | 176.30 | 153.07 | 205.07 |
| Std. Deviation | 30.65 | 27.72 | 27.25 |
| LSD/sig | 22.30 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Inflorescence: number of primary triads | | | |
| Mean | 14.00 | 9.47 | 9.77 |
| Std. Deviation | 2.27 | 1.36 | 1.52 |
| LSD/sig | 1.70 | P<0.01 | P<0.01 |
| <input checked="" type="checkbox"/> Inflorescence: mean length of raceme per triad (mm) | | | |
| Mean | 12.68 | 16.16 | 21.23 |
| Std. Deviation | 1.72 | 1.66 | 2.67 |
| LSD/sig | 1.57 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Inflorescence: total number of pods | | | |

| | | | |
|---|--------|--------|--------|
| Mean | 21.53 | 12.10 | 11.57 |
| Std. Deviation | 5.51 | 2.17 | 1.94 |
| LSD/sig | 3.60 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Inflorescence: mean number of pods per primary triad | | | |
| Mean | 1.55 | 1.29 | 1.21 |
| Std. Deviation | 0.37 | 0.21 | 0.29 |
| LSD/sig | 0.25 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: length (mm) | | | |
| Mean | 46.30 | 53.77 | 57.48 |
| Std. Deviation | 2.42 | 2.87 | 2.55 |
| LSD/sig | 3.09 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: depth (mm) | | | |
| Mean | 19.85 | 19.57 | 21.00 |
| Std. Deviation | 0.81 | 0.74 | 0.46 |
| LSD/sig | 0.66 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: length:depth ratio | | | |
| Mean | 2.33 | 2.75 | 2.74 |
| Std. Deviation | 0.11 | 0.14 | 0.12 |
| LSD/sig | 0.13 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: mean number of seeds per pod | | | |
| Mean | 2.62 | 4.10 | 4.08 |
| Std. Deviation | 0.25 | 0.40 | 0.27 |
| LSD/sig | 0.19 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Seed: 1000-seed weight (g) | | | |
| Mean | 229.07 | 243.11 | 249.60 |
| Std. Deviation | 5.28 | 4.87 | 4.91 |
| LSD/sig | 8.96 | P≤0.01 | P≤0.01 |

Prior Applications and Sale

Nil.

Description: **D.S. Loch** (Alexandra Hills, QLD) & **C.M. Zorin** (Birkdale, QLD).

| | | | | | |
|---|---------------------------------------|---|--|--|-----------------|
| Details of Application | | | | | |
| Application Number | | 2017/325 | | | |
| Variety Name | | 'SHAFTON' | | | |
| Genus Species | | <i>Allium porrum</i> | | | |
| Common Name | | Leek | | | |
| Synonym | | Nil | | | |
| Accepted Date | | 05 Dec 2017 | | | |
| Applicant | | Nunhems B.V. Nunhem, The Netherlands | | | |
| Agent | | Shelston IP, Sydney, NSW | | | |
| Qualified Person | | John Oates | | | |
| Details of Comparative Trial | | | | | |
| Location | | Devon Meadows, Victoria | | | |
| Descriptor | | Leek (<i>Allium porrum</i>) TG/85/7 | | | |
| Period | | Aug-Dec 2019 | | | |
| Conditions | | Sandy loam, raised commercial field beds, overhead irrigation as necessary. | | | |
| Trial Design | | Adjacent field rows, 300 plants per variety. | | | |
| Measurements | | As per UPOV technical guidelines. | | | |
| RHS Chart - edition | | 6th edition 2015 | | | |
| Origin and Breeding | | | | | |
| Controlled pollination: Parents developed by generative propagating as: Male: HS family selection. Female: sister brother cross. Then followed by vegetative propagation. Selection characters were: Plant type, earliness, slow bolting, resistances, quality and easy peeling. Breeder: Nunhems B.V. Nunhem, The Netherlands. | | | | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | | | | |
| Organ/Plant Part | | Context | State of Expression in Group of Varieties | | |
| Shaft | | length | medium | | |
| Shaft | | diameter | medium | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | | |
| Name | | | Comments | | |
| 'Duraton' | | | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Krypton' | Shaft | length | medium | short to medium | |
| 'Chinook' | leaf blade | colour | blue green | green | |

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

| | | |
|---|------------------|------------------|
| Organ/Plant Part: Context | 'SHAFTON' | 'Duraton' |
| <input checked="" type="checkbox"/> Plant: height | medium to tall | short to medium |

| | | | |
|-------------------------------------|-------------------------------------|---------------------|---------------------|
| <input checked="" type="checkbox"/> | Foliage: attitude | semi-erect | erect |
| <input checked="" type="checkbox"/> | Leaf blade: bending | weak | medium |
| <input type="checkbox"/> | Leaf blade: length | medium | medium to long |
| <input checked="" type="checkbox"/> | *Leaf blade: width | medium to broad | narrow to medium |
| <input type="checkbox"/> | *Leaf blade: colour | blue green | grey green |
| <input type="checkbox"/> | Leaf blade: intensity of colour | medium | medium |
| <input type="checkbox"/> | Leaf blade: anthocyanin colouration | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Leaf blade: waxiness | weak to medium | medium |
| <input type="checkbox"/> | *Plant: length | medium to long | medium to long |
| <input type="checkbox"/> | *Shaft: length | medium | medium |
| <input type="checkbox"/> | *Shaft: diameter | medium | medium |
| <input type="checkbox"/> | Shaft: ratio length/diameter | medium | medium |
| <input type="checkbox"/> | *Shaft: bulb formation | very weak to weak | absent or very weak |
| <input type="checkbox"/> | Shaft: narrowing towards base | absent | absent |

| Characteristics Additional to the Descriptor/TG | | |
|---|------------------|------------------|
| Organ/Plant Part: Context | 'SHAFTON' | 'Duraton' |
| <input type="checkbox"/> Leaf Blade: colour with wax removed (RHS Colour Chart) | 147N | 147N |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| QZ | 2017 | Granted | 'SHAFTON' |
| NL | 2017 | Granted | 'SHAFTON' |
| NO | 2017 | Granted | 'SHAFTON' |
| CH | 2017 | Granted | 'SHAFTON' |

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

| | | | | | |
|--|---|--|--|-----------------|--|
| Details of Application | | | | | |
| Application Number | 2011/253 | | | | |
| Variety Name | 'Carlosed' | | | | |
| Genus Species | <i>Citrus reticulata</i> | | | | |
| Common Name | Mandarin | | | | |
| Synonym | Carlos Apollo | | | | |
| Accepted Date | 10 Jan 2014 | | | | |
| Applicant | Allison Geraldine Robinson, Gayndah, QLD | | | | |
| Qualified Person | Wayne Parr | | | | |
| Details of Comparative Trial | | | | | |
| Location | Glenellen Orchard, Humphrey Rd, Gayndah | | | | |
| Descriptor | TG/201 Mandarin | | | | |
| Period | 2011- 2014 | | | | |
| Conditions | Field grown in rows under standard irrigation and fertitiser conditions | | | | |
| Trial Design | Randomised block design | | | | |
| Measurements | As per UPOV guidelines | | | | |
| RHS Chart - edition | Edition 6 | | | | |
| Origin and Breeding | | | | | |
| Induced mutation: In 1996 some 'Murcott' budwood was irradiated. The irradiated budwood was the grown on in a nursery and evaluated. Field plantings were made in 1997 and the variety was determined to be uniform and stable. Breeder: Francis Hugh Robinson | | | | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | | | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | | |
| Fruit | seed | quantity of seed | | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | | |
| Name | Comments | | | | |
| 'IRM1' | | | | | |
| 'IRM2' | | | | | |
| '66.75' | | | | | |
| 'Empress' | | | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments | |
| 'Murcott' | Fruit seed count | low seed count | high seed count | | |

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

| Organ/Plant Part: Context | 'Carlosed' | '66.75' | 'Empress' | 'IRM1' | 'IRM2' |
|---|-------------------|----------------|------------------|------------------|---------------|
| <input type="checkbox"/> *Tree: growth habit | upright | upright | upright | upright | upright |
| <input checked="" type="checkbox"/> Tree: density of spines | absent or sparse | dense | absent or sparse | absent or sparse | intermediate |
| <input type="checkbox"/> Leaf blade: length | medium | short to | medium | short to | short to |

| | | | | | |
|--|---------------------|--------------------|------------------|--------------------|--------------------|
| | | medium | | medium | medium |
| <input checked="" type="checkbox"/> Leaf blade: width | medium to broad | narrow | medium | narrow | narrow |
| <input type="checkbox"/> Leaf blade: shape in cross section | strongly concave | strongly concave | strongly concave | strongly concave | strongly concave |
| <input type="checkbox"/> Leaf blade: twisting | absent or weak | absent or weak | absent or weak | absent or weak | absent or weak |
| <input type="checkbox"/> Leaf blade: blistering | absent or weak | absent or weak | absent or weak | absent or weak | absent or weak |
| <input type="checkbox"/> Leaf blade: green colour | medium | medium | medium | medium to dark | medium to dark |
| <input type="checkbox"/> Leaf blade: undulation of margin | absent or weak | absent or weak | absent or weak | absent or weak | absent or weak |
| <input type="checkbox"/> Leaf blade: incisions of margin | crenate | crenate | crenate | dentate | dentate |
| <input type="checkbox"/> Leaf blade: shape of apex | acuminate | acute | acuminate | acute | acute |
| <input type="checkbox"/> Leaf blade: emargination at tip | present | present | absent | present | present |
| <input type="checkbox"/> Petiole: length | short | short | short | short | short |
| <input type="checkbox"/> Petiole: presence of wings | present | present | present | present | present |
| <input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only) | very narrow | very narrow | very narrow | very narrow | very narrow |
| <input type="checkbox"/> *Fruit: length | medium | medium | medium | medium | medium |
| <input type="checkbox"/> *Fruit: diameter | medium to large | medium to large | medium to large | medium to large | medium to large |
| <input type="checkbox"/> *Fruit: ratio length/diameter | medium | medium | medium | medium | medium |
| <input type="checkbox"/> *Fruit: position of broadest part | at middle | towards distal end | at middle | towards distal end | towards distal end |
| <input type="checkbox"/> Fruit: shape in transverse section | circular | circular | circular | circular | circular |
| <input type="checkbox"/> *Fruit: general shape of proximal part | slightly rounded | slightly rounded | slightly rounded | slightly rounded | slightly rounded |
| <input type="checkbox"/> *Fruit: presence of neck | absent | absent | absent | absent | absent |
| <input type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only) | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Fruit: presence of constriction at stalk end | present | present | present | present | present |
| <input checked="" type="checkbox"/> Fruit: expression of constriction at stalk end | very weak to weak | very weak to weak | medium | medium | medium to strong |
| <input type="checkbox"/> Fruit: number of radial grooves at stalk end | many | intermediate | intermediate | intermediate | many |
| <input checked="" type="checkbox"/> Fruit: length of radial grooves at stalk end | very short to short | short | medium | medium | medium to long |
| <input type="checkbox"/> Fruit: presence of collar | absent | absent | absent | absent | absent |

| | | | | | |
|---|--|--------------------------------|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Fruit: abscission layer between floral disc and fruit | absent or weakly developed | absent or weakly developed | absent or weakly developed | absent or weakly developed | absent or weakly developed |
| <input type="checkbox"/> *Fruit: general shape of distal part | flattened | flattened | flattened | flattened | flattened |
| <input checked="" type="checkbox"/> *Fruit: presence of depression at distal end | absent | present | present | present | absent |
| <input type="checkbox"/> *Fruit: presence of areola | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> Fruit: diameter of stylar scar | very small to small | small to medium | very small to small | small to medium | small to medium |
| <input type="checkbox"/> Fruit: persistence of style | none | none | none | none | none |
| <input type="checkbox"/> Fruit: presence of navel opening | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Fruit: presence of radial grooves at distal end | absent | absent | absent | absent | absent |
| <input type="checkbox"/> *Fruit surface: predominant colours | yellow orange | yellow orange | dark orange | yellow orange | medium orange |
| <input checked="" type="checkbox"/> *Fruit surface: glossiness | weak | medium to strong | medium to strong | medium to strong | strong |
| <input type="checkbox"/> Fruit surface: roughness | smooth | smooth | smooth to medium | smooth | smooth |
| <input type="checkbox"/> Fruit surface: size of oil glands | larger ones interspersed by smaller ones | all more or less the same size | larger ones interspersed by smaller ones | all more or less the same size | all more or less the same size |
| <input checked="" type="checkbox"/> Fruit surface: size of larger oil glands | medium | medium | large | medium | medium |
| <input checked="" type="checkbox"/> Fruit surface: conspicuousness of larger oil glands | weak to medium | weak to medium | strong | weak to medium | weak to medium |
| <input checked="" type="checkbox"/> Fruit surface: presence of pitting and pebbling in oil glands | pitting and pebbling present | pitting and pebbling present | pitting and pebbling present | pitting absent, pebbling present | pitting absent, pebbling present |
| <input type="checkbox"/> Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | medium to dense | medium to dense | medium | medium to dense | medium to dense |
| <input type="checkbox"/> *Fruit rind: thickness | thin to medium | thin to medium | thin to medium | medium | thin to medium |
| <input checked="" type="checkbox"/> *Fruit rind: adherence to flesh | medium | strong | medium | strong | medium to strong |
| <input checked="" type="checkbox"/> Fruit rind: strength | strong | very strong | medium | strong | very strong |
| <input checked="" type="checkbox"/> Fruit rind: oiliness | oily | medium | medium to oily | medium | medium to oily |
| <input checked="" type="checkbox"/> Fruit rind: conspicuousness of oil glands on inner surface | strongly conspicuous | absent or weakly conspicuous | strongly conspicuous | absent or weakly conspicuous | absent or weakly conspicuous |

| | | | | | |
|---|---------------------|-----------------------|---------------------|---------------------|---------------------|
| | | | | s | |
| <input checked="" type="checkbox"/> Fruit: colour of albedo | pink | white | pink | white | pink |
| <input type="checkbox"/> Fruit: density of albedo | dense | dense | dense | dense | medium to dense |
| <input checked="" type="checkbox"/> *Fruit: amount of albedo adhering to flesh | large | medium | medium | medium | medium |
| <input type="checkbox"/> Fruit: presence of albedo strands | present | present | present | present | present |
| <input type="checkbox"/> Fruit: amount of albedo strands | medium to large | medium to large | medium to large | medium to large | medium to large |
| <input checked="" type="checkbox"/> *Fruit: main colour of flesh | dark orange | light orange | dark orange | light orange | medium orange |
| <input type="checkbox"/> Fruit: filling of core | dense | dense | medium to dense | dense | dense |
| <input type="checkbox"/> Fruit: diameter of core | medium | medium | medium | medium | medium |
| <input type="checkbox"/> Fruit: presence of rudimentary segments | absent or weak | absent or weak | absent or weak | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> Fruit: number of well developed segments | many | many | medium | many | many |
| <input checked="" type="checkbox"/> Fruit: coherence of adjacent segment walls | weak | medium to strong | weak | medium to strong | medium |
| <input checked="" type="checkbox"/> Fruit: strength of segment walls | medium to strong | weak | weak | weak | medium |
| <input checked="" type="checkbox"/> Fruit: length of juice vesicles | medium | medium | long | medium | medium |
| <input checked="" type="checkbox"/> Fruit: thickness of juice vesicles | medium | medium | thick | medium | medium |
| <input checked="" type="checkbox"/> Fruit: conspicuousness of juice vesicle walls | low to medium | medium to high | low to medium | medium | medium |
| <input type="checkbox"/> Fruit: coherence of juice vesicles | strong | strong to very strong | strong | strong | strong |
| <input type="checkbox"/> *Fruit: presence of navel (viewed internally) | absent or very rare | absent or very rare | absent or very rare | absent or very rare | absent or very rare |
| <input type="checkbox"/> *Fruit juice: total soluble solids | medium | | | | |
| <input type="checkbox"/> Fruit juice: acidity | medium | | | | |
| <input checked="" type="checkbox"/> Fruit: number of seeds (open pollination) | absent or very few | very few to few | few | few | few |
| <input type="checkbox"/> *Seed: polyembryony | present | present | present | present | present |
| <input checked="" type="checkbox"/> Seed: length | very short | medium to long | short | short | medium |
| <input checked="" type="checkbox"/> Seed: width | very narrow | very narrow | narrow | narrow | medium to broad |
| <input type="checkbox"/> Seed: surface | wrinkled | wrinkled | wrinkled | wrinkled | wrinkled |
| <input type="checkbox"/> Seed: prominence of wrinkles (varieties with seed surface wrinkled only) | weak | weak | weak | weak | weak |

| | | | | | |
|---|----------------|-------------------|----------------|-------------------|----------|
| <input checked="" type="checkbox"/> Seed: external colour | whitish | whitish | pinkish | whitish | brownish |
| <input checked="" type="checkbox"/> *Time of: maturity of fruit for consumption | medium to late | late to very late | medium to late | late to very late | late |

Prior Applications and Sales:

Nil

Description: **Wayne Parr**, Torbanlea, QLD

| | | | | |
|--|---|--|--|-----------------|
| Details of Application | | | | |
| Application Number | 2017/126 | | | |
| Variety Name | 'Sunparaosiro' | | | |
| Genus Species | <i>Mandevilla</i> hybrid | | | |
| Common Name | Mandevilla | | | |
| Accepted Date | 10 May 2017 | | | |
| Applicant | Suntory Flowers, Minato-ku, Tokyo, JAPAN | | | |
| Agent | Oasis Horticulture Pty Limited, Yellow rock NSW | | | |
| Qualified Person | Tim Angus | | | |
| Details of Comparative Trial | | | | |
| Location | Yellow Rock, NSW, Australia | | | |
| Descriptor | TG/298/1 Mandevilla | | | |
| Period | October 2016 - April 2017 | | | |
| Conditions | Trial grown in outdoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 150 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | | | |
| Trial Design | Plants grown in separate blocks side by side | | | |
| Measurements | 10 per variety at random | | | |
| RHS Chart - edition | 2001 | | | |
| Origin and Breeding | | | | |
| Controlled Pollination: The new variety 'Sunparaosiro' developed from a cross between proprietary <i>Mandevilla</i> selection 'bon14-1' (maternal parent) and proprietary <i>Mandevilla</i> selection 'MH3' (paternal parent) carried out during April 2006 in Higashiomi, Shiga, Japan. The new variety was selected from a seedling population during October 2009 in Higashiomi, Shiga, Japan. Selection criteria included freely branching, freely flowering with compact vining habit and white flowers. First vegetative propagation occurred in October 2009 in Higashiomi, Shiga, Japan. Since October 2009 many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. Breeder: Tomoya Misato, Suntory Flowers 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 | | |
| Corolla lobe | main colour of upper side | white group | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | |
| Name | Comments | | | |
| 'Sunmandeho' | | | | |
| 'Sunparamiho' | | | | |
| 'Sunparacoho' | | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Sunparamiho' | Leaf arrangement | decussate | opposite | |

| | | | | | |
|--------------|------|-------------|-----------|----------|--|
| 'Sunmandeho' | Leaf | arrangement | decussate | opposite | |
|--------------|------|-------------|-----------|----------|--|

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

| Organ/Plant Part: Context | 'Sunparaosiro' | 'Sunparacoho' |
|---|---------------------|---------------------|
| <input type="checkbox"/> Plant: density | medium | medium |
| <input type="checkbox"/> Plant: amount of climbing tendrils | absent or few | absent or few |
| <input checked="" type="checkbox"/> Stem: length of internode | short | medium to long |
| <input type="checkbox"/> Young stem: green color | medium | medium |
| <input type="checkbox"/> Young stem: anthocyanin coloration | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Stem: pubescence | absent | present |
| <input type="checkbox"/> Leaf: arrangement | decussate | decussate |
| <input type="checkbox"/> Petiole : length | medium | medium |
| <input type="checkbox"/> Petiole: color | medium green | medium green |
| <input type="checkbox"/> Petiole: anthocyanin coloration | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Petiole: pubescence | absent | present |
| <input type="checkbox"/> Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> Leaf blade: width | broad | broad |
| <input checked="" type="checkbox"/> Leaf blade: position of broadest part | towards apex | at middle |
| <input type="checkbox"/> Leaf blade: shape of apex | acuminate | acuminate |
| <input checked="" type="checkbox"/> Leaf blade: shape of base | rounded | cordate |
| <input type="checkbox"/> Leaf blade: main color | medium green | medium green |
| <input type="checkbox"/> Leaf blade: bulging between the veins | weak | weak |
| <input checked="" type="checkbox"/> Leaf blade: pubescence of upper side | absent | present |
| <input type="checkbox"/> Leaf blade: intensity of green color of lower side | light | light |
| <input checked="" type="checkbox"/> Leaf blade: pubescence of lower side | absent | present |
| <input checked="" type="checkbox"/> Leaf blade: shape in profile | straight | incurving |
| <input checked="" type="checkbox"/> Leaf blade: undulation of margin | weak | medium |
| <input checked="" type="checkbox"/> Pedicel: length | medium | long |
| <input checked="" type="checkbox"/> Pedicel: intensity of green colour | medium | light |
| <input type="checkbox"/> Pedicel: anthocyanin coloration | absent or weak | absent or weak |
| <input type="checkbox"/> Pedicel: pubescence | absent | absent |
| <input type="checkbox"/> Flower bud: shape | rhombic | rhombic |
| <input type="checkbox"/> Flower: type | single | single |
| <input checked="" type="checkbox"/> Calyx : length | medium | short |
| <input type="checkbox"/> Calyx: colour of basal half | medium green | light green |
| <input type="checkbox"/> Corolla : diameter | medium | small to medium |
| <input checked="" type="checkbox"/> Corolla tube: length | medium | short |

| | | |
|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> Corolla throat: length | medium | short |
| <input checked="" type="checkbox"/> Corolla throat: width of distal part | medium | narrow |
| <input type="checkbox"/> Corolla throat: shape | funnel form | funnel form |
| <input checked="" type="checkbox"/> Corolla throat: Colour of basal half of outer side (RHS Colour Chart) | RHS 150C | RHS 1D |
| <input checked="" type="checkbox"/> Corolla throat: colour of distal half of outer side (RHS Colour Chart) | RHS 158C | RHS 157D |
| <input checked="" type="checkbox"/> Corolla throat: colour of basal half of inner side (RHS Colour Chart) | RHS 13A | RHS 14B |
| <input checked="" type="checkbox"/> Corolla throat: colour of distal half of inner side (RHS Colour Chart) | RHS 13A | RHS 4B |
| <input type="checkbox"/> Corolla lobe: symmetry | strongly asymmetric | strongly asymmetric |
| <input type="checkbox"/> Corolla lobe: shape of apex | acute | acute |
| <input checked="" type="checkbox"/> Corolla lobe: main colour of upper side (RHS Colour Chart) | RHS 76B | closest to RHS 155D |
| <input checked="" type="checkbox"/> Corolla lobe: recurving of margin | very weak to weak | strong |
| <input type="checkbox"/> Corolla lobe: undulation of margin | medium | medium |
| <input type="checkbox"/> Corolla lobe: shape in longitudinal section of distal part | convex | convex |
| <input type="checkbox"/> Anther: colour | light yellow | light yellow |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Sunparaosiro’ | ‘Sunparacoho’ |
|--|---------------------------------|----------------------|
| <input type="checkbox"/> Leaf blade: glossiness of upper side | medium to strong | medium to strong |
| <input checked="" type="checkbox"/> Calyx: Colour of distal half | light green with medium red tip | light green |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2013 | Granted | ‘Sunparaosiro’ |
| EU | 2013 | Granted | ‘Sunparaosiro’ |

First sold in the EU, July 2013

Description: **Tim Angus**, Wellington, New Zealand

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2019/144 | |
| Variety Name | 'Coyote' | |
| Genus Species | <i>Lupinus angustifolius</i> | |
| Common Name | Narrow-Leafed Lupin | |
| Accepted Date | 24 Oct 2019 | |
| Applicant | Western Australian Agriculture Authority, South Perth, WA6151, Australia and Grains Research and Development Corporation, Barton, ACT 2600, Australia | |
| Agent | Australian Grain Technologies Pty Ltd, PO Box 341, Roseworthy, SA, 5371, Australia | |
| Qualified Person | David Collins | |
| Details of Comparative Trial | | |
| Location | Toodyay, Western Australia | |
| Descriptor | TG/66/4 | |
| Period | June 2019- December 2019 | |
| Conditions | The DUS trial was sown 14 June 2019, grey loam soil type in York Western Australia. Sown with 100kg/ha Big Phos fertiliser and 10kg/ha Alosca inoculant. Pre-emergent treatment on 13/06/2019 with 2L/ha Sprayseed and 1kg/ha Rustler. Treatment on 17/07/2019 with 0.8L/ha of Clethodim. 0.25L/ha Targa and 1L/ha of MSO (oil). On 12/08/2019, 8g/ha Eclipse. Treatment of 1L/ha Clethodim on 20/08/2019. Also 0.3L/ha Alpha Duo and 1L/ha Maxi-Mang on 23/09/2019. Trial harvested 13/11/2019. | |
| Trial Design | Randomised complete block, 4 replications, plots 8.96m ² . | |
| Measurements | Measurements taken from 10 specimens per plot and selected at random. | |
| RHS Chart - edition | 1995 | |
| Origin and Breeding | | |
| Controlled pollination: The cross was made in 2007 between seed parent WALAN2294 and pollen composite parent (06A031, 06A032, 06A033). Coyote (WALAN2546) was a F4 derived single plant selection from a population coded 07A002. It was selfed for 4 generations of selection and evaluation in small scale breeder trials and for 4 years in National Variety Trial (NVT). Selection criteria used were high and stable grain yields in WA, tolerance to metribuzin, resistance to anthracnose and grey spot. Breeders: Dr Bevan Buirchell and Dr Jonathan Clements, Western Australian Agriculture Authority, South Perth, WA. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Grain | bitter principle | absent |
| Grain | ornamentation | present |
| Grain | distribution of ornamentation | total |
| Plant | metribuzin tolerance | tolerant |
| Name | Comments | |
| 'PBA Barlock' | | |
| 'PBA Bateman' | | |
| | | |

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

| Organ/Plant Part: Context | 'Coyote' | 'PBA Barlock' | 'PBA Bateman' |
|---|---------------------|----------------------|----------------------|
| <input type="checkbox"/> *Grain: bitter principle | absent | absent | absent |
| <input type="checkbox"/> Plant: height at vegetative stage | medium | medium | medium |
| <input type="checkbox"/> *Leaf: intensity of green colour prior to bud emergence | medium | medium | medium |
| <input type="checkbox"/> *Stem: anthocyanin colouration prior to bud emergence | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Time of: flowering | early to medium | early to medium | early |
| <input checked="" type="checkbox"/> *Plant: height at beginning of flowering | tall | short to medium | short to medium |
| <input type="checkbox"/> *Central leaflet: length | medium | medium to long | medium |
| <input type="checkbox"/> Central leaflet: width | medium | medium | narrow |
| <input type="checkbox"/> *Flower: colour of wings | bluish white | bluish white | white |
| <input type="checkbox"/> *Flower: colour of tip of carina | yellow | yellow | yellow |
| <input type="checkbox"/> *Plant: growth type | indeterminate | determinate | indeterminate |
| <input type="checkbox"/> Time of: green ripening | medium | medium | early to medium |
| <input checked="" type="checkbox"/> Plant: height of insertion of first inflorescence at green ripening | medium to high | medium to high | low to medium |
| <input checked="" type="checkbox"/> *Plant: height at green ripening | tall | medium | short to medium |
| <input type="checkbox"/> Time of: ripening | medium | medium | early to medium |
| <input type="checkbox"/> *Grain: ornamentation | present | present | present |
| <input checked="" type="checkbox"/> Grain: colour of ornamentation | beige | brown | beige |
| <input type="checkbox"/> Grain: distribution of ornamentation | total | total | total |
| <input type="checkbox"/> Grain: density of ornamentation (excluding varieties with eyebrow only) | sparse to medium | medium to dense | medium |
| <input type="checkbox"/> Grain: 100 seed weight | low to medium | low to medium | medium |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Coyote' | 'PBA Barlock' | 'PBA Bateman' |
|--|-----------------|----------------------|----------------------|
| <input checked="" type="checkbox"/> Grain: colour of ornamentation | 164A | 165A | N167A |

Statistical Table

| Organ/Plant Part: Context | 'Coyote' | 'PBA Barlock' | 'PBA Bateman' |
|--|-----------------|----------------------|----------------------|
| <input type="checkbox"/> Plant: height at beginning of flowering (cm) | | | |
| Mean | 29.18 | 26.27 | 25.36 |
| Std. Deviation | 2.29 | 1.67 | 1.56 |
| LSD/sig | 1.65 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: height of insertion of first inflorescence at green ripening (cm) | | | |
| Mean | 30.00 | 29.54 | 25.64 |
| Std. Deviation | 3.30 | 3.18 | 2.51 |
| LSD/sig | 2.58 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: height at green ripening (cm) | | | |

| | | | |
|----------------|-------|--------|--------|
| Mean | 46.63 | 43.37 | 40.98 |
| Std. Deviation | 3.41 | 3.49 | 3.25 |
| LSD/sig | 2.84 | P≤0.01 | P≤0.01 |

Prior Applications and Sales:

No prior application and sale.

Description: **David Collins**, Northam, WA

| | |
|--|--|
| Details of Application | |
| Application Number | 2018/028 |
| Variety Name | 'Horizon' |
| Genus Species | <i>Phalaris aquatica</i> |
| Common Name | Phalaris |
| Accepted Date | 02 Mar 2018 |
| Applicant | CSIRO Agriculture and Food, Acton, ACT 2601, Australia |
| Qualified Person | Richard Culvenor |
| Details of Comparative Trial | |
| Location | CSIRO Ginninderra Experiment Station, Hall, ACT |
| Descriptor | PBR <i>Phalaris</i> |
| Period | May 2018-Feb 2020 |
| Conditions | Plants were raised in a glasshouse and transplanted on 2 May 2018 to a cultivated field site with 150 kg/ha single super and 100 kg/ha urea incorporated followed by sprinkler irrigation. Further urea at 100 kg/ha was applied on 16 October 2018 and 7 August 2019, and Croplift at 140 kg/ha on 9 May 2019. The trial was mown to 10-15 cm in December 2018 to prevent fall of seed and to 7 cm in April 2019. Plants were irrigated by sprinkler on 30 July 2019. |
| Trial Design | 96 plants per line were arranged in a randomised blocks design with 12 replicates and 8 plants per replicate on a 1m x 1 m spacing. |
| Measurements | Observations were taken on all available plants. Tiller density was scored on 6 August 2019 and winter growth on 23 August. Measurement of leaf dimensions were performed on 2 typical youngest fully expanded leaves plucked from each plant on 23 August. Inflorescence emergence and natural height at emergence were observed during October 2019. Length of the longest stem and length of heads and upper internodes were measured on 2 stems per plant in late November. The penultimate leaf from 2 stems per plant were plucked on 21 November and measured in the lab. The proportion of plants with intact rachilla seed retention was observed in January 2019 by a combination of visual inspection of heads with mechanical disturbance. Proportion of plants with hairs on the outer glumes were observed on 2 November 2018 and re-assessed on 6 November 2019 using a hand-held magnifying lens. The proportion of plants with intact rachilla seed retention was assessed on 2 January 2019 and reassessed on 10 December. The proportion of plants with non-shattering inflorescences was assessed on 13 January 2020. The proportion of germinating seeds with red root tips was observed in 2 petri dishes per line each containing approximately 120 seeds per dish. |
| RHS Chart - edition | |
| Origin and Breeding | |
| Controlled pollination (poly cross): The most persistent accessions identified at three grazed sites on the North-West Slopes of NSW were crossed with the most persistent seed-retaining population. The F1 generation was screened for production and persistence at Tamworth and selected plants from the best families were polycrossed at Canberra. Seed-retaining F2 plants were identified at Canberra and polycrossed to produce F3 seed. Progeny were space planted at Tamworth and selected for vigour, flowering time and seed retention. Selections were | |

polycrossed to form the Northern Retainer population which was evaluated with other lines at a number of sites in NSW and Victoria. A few parent plants with low seed retention were subsequently discarded. Final cultivar was based on 35 parents. Breeder: CSIRO Agriculture and Food, Acton, ACT 2601, Australia.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|--------------------------------|---|
| Plant | summer dormancy | high |
| Plant | intact rachilla seed retention | high |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|--|
| 'Atlas PG' | High summer dormancy, seed-retaining but later heading |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-----------|--------------------------------------|--|---|----------|
| 'Sirocco' | plant intact rachilla seed retention | present | absent | |

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

| Organ/Plant Part: Context | 'Horizon' | 'Atlas PG' |
|---|-------------------|-----------------|
| <input type="checkbox"/> Plant: winter growth (late July-August) | high | medium to high |
| <input type="checkbox"/> Plant: tiller density (late July-August) | low to medium | low to medium |
| <input checked="" type="checkbox"/> Leaf: length (late July-August) | long to very long | medium to long |
| <input type="checkbox"/> Leaf: width (late July-August) | medium to broad | medium to broad |
| <input checked="" type="checkbox"/> Plant: time of inflorescence emergence | very early | medium to early |
| <input type="checkbox"/> Plant: growth habit at inflorescence emergence | semi-erect | semi-erect |
| <input type="checkbox"/> Plant: natural height at inflorescence emergence | medium | medium to tall |
| <input checked="" type="checkbox"/> Plant: proportion of plants with hairs on outer glumes | high | very high |
| <input type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded) | medium to long | long |
| <input type="checkbox"/> Stem: length of upper internode (when fully expanded) | long | medium to long |
| <input checked="" type="checkbox"/> Inflorescence: length (when fully expanded) | long | medium |
| <input type="checkbox"/> Flag leaf: length (when fully expanded) | long to very long | long |

| | | |
|--|---------------|-------------------|
| <input type="checkbox"/> Flag leaf: width (same flag leaf as that used for 12) | broad | broad |
| <input type="checkbox"/> Plant: proportion of plants with intact rachilla seed retention | very high | high to very high |
| <input checked="" type="checkbox"/> Plant: proportion of plants with non-shattering inflorescences approx. 6 weeks after seed maturity | low to medium | high |
| <input checked="" type="checkbox"/> Plant: proportion of plants with red root tips in germinating seedlings | medium | high |

Statistical Table

| Organ/Plant Part: Context | 'Horizon' | 'Atlas PG' |
|---|------------------|-------------------|
| <input type="checkbox"/> Plant: winter growth (late July-August) (on a scale of 1-10) | | |
| Mean | 6.41 | 5.67 |
| Std. Deviation | 1.84 | 2.12 |
| LSD/sig | 0.60 | P≤0.01 |
| <input type="checkbox"/> Plant: tiller density (late July-August) (on a scale of 1-9) | | |
| Mean | 4.42 | 4.36 |
| Std. Deviation | 1.45 | 1.37 |
| LSD/sig | 0.51 | Ns |
| <input checked="" type="checkbox"/> Leaf: length (late July-August) (mm) | | |
| Mean | 296.60 | 275.80 |
| Std. Deviation | 54.10 | 56.70 |
| LSD/sig | 13.9 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (late July-August) (mm) | | |
| Mean | 13.61 | 13.60 |
| Std. Deviation | 2.27 | 2.70 |
| LSD/sig | 0.64 | Ns |
| <input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days) | | |
| Mean | 9.89 | 17.20 |
| Std. Deviation | 7.57 | 7.20 |
| LSD/sig | 2.61 | P≤0.01 |
| <input type="checkbox"/> Plant: growth habit at inflorescence emergence (on a scale of (1 to 9) | | |
| Mean | 4.40 | 4.03 |
| Std. Deviation | 1.40 | 2.33 |
| LSD/sig | 0.53 | Ns |
| <input type="checkbox"/> Plant: natural height at inflorescence emergence (cm) | | |
| Mean | 102.10 | 110.50 |
| Std. Deviation | 15.50 | 18.00 |
| LSD/sig | 5.5 | P≤0.01 |
| <input type="checkbox"/> Plant: proportion of plants with hairs on outer glumes (%) | | |
| Mean | 70.80 | 87.40 |
| Std. Deviation | 4.50 | 3.36 |

| | | |
|--|--------|--------|
| Chi-square/sig | 6.635 | P≤0.01 |
| <input type="checkbox"/> Stem: length of longest stem including inflorescence when fully expanded (cm) | | |
| Mean | 139.80 | 145.90 |
| Std. Deviation | 16.00 | 19.70 |
| LSD/sig | 5.94 | P≤0.01 |
| <input type="checkbox"/> Stem: length of upper internode when fully expanded (cm) | | |
| Mean | 27.51 | 24.60 |
| Std. Deviation | 4.99 | 4.60 |
| LSD/sig | 1.66 | P≤0.01 |
| <input checked="" type="checkbox"/> Inflorescence: length when fully expanded (mm) | | |
| Mean | 78.60 | 70.20 |
| Std. Deviation | 14.80 | 15.00 |
| LSD/sig | 5.15 | P≤0.01 |
| <input type="checkbox"/> Penultimate leaf: length when fully expanded (mm) | | |
| Mean | 154.80 | 145.00 |
| Std. Deviation | 41.60 | 42.70 |
| LSD/sig | 10.5 | Ns |
| <input type="checkbox"/> Penultimate leaf: width (mm) | | |
| Mean | 10.00 | 10.30 |
| Std. Deviation | 2.00 | 1.90 |
| LSD/sig | 0.52 | Ns |
| <input type="checkbox"/> Plant: proportion of plants with intact rachilla seed retention (%) | | |
| Mean | 90.60 | 80.00 |
| Std. Deviation | 2.90 | 3.90 |
| Chi-square/sig | 6.635 | Ns |
| <input checked="" type="checkbox"/> Plant: proportion of plants with non-shattering inflorescences approx. 6 weeks after seed maturity (%) | | |
| Mean | 39.60 | 61.50 |
| Std. Deviation | 4.80 | 4.70 |
| Chi-square/sig | 6.635 | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: proportion of plants with red root tips in germinating seedlings (%) | | |
| Mean | 47.30 | 60.20 |
| Std. Deviation | 6.80 | 8.50 |
| Chi-square/sig | 6.635 | P≤0.01 |

Prior Applications and Sales:

No prior sale or applications.

Description: **Richard Culvenor**, CSIRO Agriculture and Food, Acton, ACT 2601, Australia.

| | | |
|---|--|--|
| Details of Application | | |
| Application Number | 2017/117 | |
| Variety Name | 'Bonpri 635' | |
| Genus Species | <i>Euphorbia</i> hybrid | |
| Common Name | Poinsettia | |
| Accepted Date | 27 Jun 2017 | |
| Applicant | Bonza Botanicals Pty Limited, Yellow Rock, NSW | |
| Agent | Oasis Horticulture Pty Limited, Yellow Rock, NSW | |
| Qualified Person | Tim Angus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | University of Aarhus | |
| Overseas Data Reference Number | 2013/0521 | |
| Location | Yellow Rock, NSW, Australia | |
| Descriptor | TG/24/6 | |
| Period | July 2018 -October 2018 | |
| Conditions | Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required. | |
| Trial Design | Plants grown in separate blocks side by side | |
| Measurements | 10 plants per variety at random | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Spontaneous mutation: 'Bonpri 635' was first selected as a naturally occurring spontaneous mutation from variety 'Bonprilipcom' at Yellow Rock in June 2007. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Following this testing the new variety was first protected in 2013. The breeder is Dr. Andrew Bernuetz | | |
| 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 |
| Bract | single colour | Group 1 white |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'RFPPCC1' | | |

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

| Organ/Plant Part: Context | 'Bonpri 635' | 'Bonpri 635' EU test data | 'RFPPCC1' EU Test data |
|--|--------------|------------------------------|---------------------------|
| <input type="checkbox"/> *Plant: branching | present | present | |

| | | | |
|--|-------------------|---------------------|-------------------|
| <input checked="" type="checkbox"/> *Plant: number of branches | medium | medium | many to very many |
| <input type="checkbox"/> *Plant: height | very short | very short | |
| <input type="checkbox"/> Plant: width | narrow | narrow | |
| <input type="checkbox"/> *Stem: intensity of green colour on middle third | medium to strong | strong | |
| <input type="checkbox"/> *Stem: intensity of anthocyanin colouration of middle third | very weak to weak | absent or very weak | |
| <input type="checkbox"/> *Stem: anthocyanin colouration on upper third | absent or weak | absent or weak | |
| <input type="checkbox"/> *Leaf blade: length | short | short | |
| <input type="checkbox"/> *Leaf blade: width | very narrow | very narrow | |
| <input type="checkbox"/> Leaf blade: shape | lanceolate | lanceolate | |
| <input type="checkbox"/> Leaf blade: shape of base | rounded | rounded | |
| <input type="checkbox"/> *Leaf blade: number of colours on upper side | one | one | |
| <input type="checkbox"/> *Leaf blade: intensity of green colour (varieties with one-coloured leaves only) | strong | strong | |
| <input type="checkbox"/> Leaf blade: colour of main vein on upper side | only green | only green | |
| <input type="checkbox"/> Leaf blade: number of lobes | medium | medium | |
| <input type="checkbox"/> Leaf blade: depth of deepest sinus | shallow | shallow | |
| <input type="checkbox"/> Leaf blade: curvature of main vein | absent or weak | absent or weak | |
| <input type="checkbox"/> *Petiole: length | very short | very short | |
| <input type="checkbox"/> Petiole: intensity of green colour on upper side | weak to medium | very weak | |
| <input type="checkbox"/> Petiole: anthocyanin colouration on upper side | very weak to weak | very weak to weak | |
| <input type="checkbox"/> *Petiole: anthocyanin coloration on lower side | absent or weak | absent or weak | |
| <input type="checkbox"/> *Transitional leaves: number of partly bract-colored leaf blades | medium to many | many | |
| <input type="checkbox"/> *Transitional leaves: number of fully bract-coloured leaf blades | few | few | |
| <input type="checkbox"/> *Transitional leaves: lobing | medium | absent or weak | |
| <input type="checkbox"/> Transitional leaves: curvature along main vein of fully bract-colored leaf blades | absent or weak | absent or weak | |
| <input type="checkbox"/> *Bract: number | few to medium | few to medium | |
| <input type="checkbox"/> *Largest bract: length (including petiole) | very short | very short | |
| <input type="checkbox"/> *Largest bract: width (including | very narrow | very narrow | |

| | | | |
|---|---------------------|---------------------|-----------------------------------|
| petiole) | | | |
| <input type="checkbox"/> *Largest bract: shape | elliptic | elliptic | |
| <input type="checkbox"/> *Bract: number of colours of upper side | one | one | |
| <input checked="" type="checkbox"/> *Bract: colour of upper side (varieties with one coloured bracts only) (RHS Colour Chart) | White RHS N155C | White RHS 155A | yellow green to white RHS 2D/155A |
| <input type="checkbox"/> Bract: spotting of upper side | absent or very weak | absent or very weak | |
| <input type="checkbox"/> *Bract: colour of spots of upper side (RHS Colour Chart) | red Purple RHS 63A | | |
| <input checked="" type="checkbox"/> *Bract: colour of lower side (varieties with one coloured bracts only) (RHS Colour Chart) | White RHS 155 A/B | White RHS 155A | yellow green to white RHS 2D/155A |
| <input type="checkbox"/> Bract: folding along the main vein | absent | absent | |
| <input type="checkbox"/> Bract: twisting | absent | absent | |
| <input type="checkbox"/> Bract: rugosity between veins | very weak to weak | very weak to weak | |
| <input type="checkbox"/> *Cyme: width | medium | medium | |
| <input checked="" type="checkbox"/> *Cyathium: size of glands | small to medium | small to medium | very small to small |
| <input type="checkbox"/> *Cyathium: main colour of gland | yellow | yellow | |
| <input type="checkbox"/> Cyathium: deformation of glands | absent | absent | |

| Characteristics Additional to the Descriptor/TG | | | |
|---|---------------------|------------------------|---------------------|
| Organ/Plant Part: Context | 'Bonpri 635' | 'Bonpri 635' EU | 'RFPPCC1' EU |
| <input type="checkbox"/> Bract: vein colour of upper side | red purple | test data | Test data |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|---------|------|-----------|--------------|
| USA | 2013 | Granted | 'Bonpri 635' |
| Canada | 2013 | Withdrawn | 'Bonpri 635' |
| EU | 2013 | Granted | 'Bonpri 635' |

First sold in the EU, July 2013

Description: **Tim Angus**, Wellington, New Zealand

| | | | | |
|---|---|--|--|-----------------|
| Details of Application | | | | |
| Application Number | 2014/143 | | | |
| Variety Name | 'Colomba' | | | |
| Genus Species | <i>Solanum tuberosum</i> | | | |
| Common Name | Potato | | | |
| Accepted Date | 25 Sep 2014 | | | |
| Applicant | IPR B.V., Joure, the Netherlands | | | |
| Agent | Forth Farm Investments Pty Ltd; 288 Leith Road, Forth, TAS, 7310 | | | |
| Qualified Person | Kevin Clayton-Greene | | | |
| Details of Comparative Trial | | | | |
| Location | Solan, Waikere, SA and Cuprona, Tasmania to verify UPOV flowering descriptors as plants in glasshouse did not flower. | | | |
| Descriptor | UPOV Potato (<i>Solanum tuberosum</i>) TG/23/6 | | | |
| Period | November 2018 and January 2019 | | | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots. Pots placed on benches in a screened polythene clad greenhouse | | | |
| Trial Design | 60 pots each of candidate and comparator varieties grown from mini-tubers and field grown plants from mini-tubers exhibiting flowers. | | | |
| Measurements | measurements were taken in the metric system following UPOV guidelines | | | |
| RHS Chart - edition | | | | |
| Origin and Breeding | | | | |
| Cross-pollination: selected in 2000 from conventional cross between the maternal parent 'Carrera' and paternal parent 'Agata'. Variety was selected due to superior agronomic characters of yield and disease resistance/tolerances. These were based upon field observations in the Netherlands and at trial locations around the world. Breeder: HZPC Holland B.V., Joure, the Netherlands. | | | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | |
| Tuber | colour of skin | yellow | | |
| Tuber | flesh colour | yellow | | |
| Tuber | base of eye colour | yellow | | |
| Lightsprout | proportion of blue in anthocyanin colouration of base | absent or low | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | |
| Name | Comments | | | |
| 'Carrera' | Maternal Parent, grown in Australia, similar state of expression to most of the UPOV descriptors | | | |
| 'Neptune' | Tuber colour and similar states of expression for many of the UPOV characteristics | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Agata' | lightsproutsize | large | medium | |
| 'Agata' | lightsproutshape | conical | broad cylindrical | |

| | | | | | |
|---------|-------------|--|----------------|--------------------|--|
| 'Agata' | flowers | frequency | medium to high | rare | |
| 'Agata' | lightsprout | intensity of anthocyanin colouration of base | strong | absent - very weak | |

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

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

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

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2009 | granted | 'Colomba' |
| Netherlands | 2008 | granted | 'Colomba' |
| USA | 2013 | pending | 'Colomba' |
| Russia | 2010 | granted | 'Colomba' |
| Argentina | 2011 | pending | 'Colomba' |

First sold in Spain as 'Colomba' on 30th September 2010.

Description: **Kevin Clayton-Greene**, Forth, Tasmania

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2014/335 | |
| Variety Name | 'Ivetta' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 28 Aug 2015 | |
| Applicant | EUROPLANT Pflanzenzucht GmbH, Luneburg, Germany | |
| Agent | Australian Seed Partners Pty Ltd, Deloitte Private, 170 Fullarton Rd, Dulwich, SA, 5065 | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The breeding line L98/961/195 was pollinated by breeding line B98/222/122 in the Bohm Nordkartoffel Agrarproduktion GmbH & Co OHG Potato Breeding Program at D-Ebstorf, Germany. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Ivetta' in 2014. Bohm Nordkartoffel Agrarproduktion GmbH & Co OHG, Lueneburg, 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 |
| Lightsprout | shape | conical |
| Flower | colour | pink |
| Lightsprout | proportion of blue in anthocyanin colouration of base | absent or low |
| Tuber | skin colour | yellow |

| Most Similar Varieties of Common Knowledge identified (VCK) | | | | |
|---|--|--|---|----------|
| Name | | Comments | | |
| 'Valor' | | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Milva' | Lightsprout shape | conical | ovoid | |
| 'Milva' | Lightsprout Anthocyanin colouration of tip | medium | very strong | |
| 'Milva' | Plant frequency of flowers | low | 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 | 'Ivetta' | 'Valor' |
|--|---------------------|------------------------|
| <input type="checkbox"/> Lightsprout: size | large | medium to large |
| <input type="checkbox"/> *Lightsprout: shape | conical | conical |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | strong | medium to strong |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | medium | medium |
| <input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base | small to medium | medium to large |
| <input type="checkbox"/> Lightsprout: habit of tip | intermediate | intermediate to open |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | medium | weak |
| <input checked="" type="checkbox"/> Lightsprout: pubescence of tip | medium to strong | absent or very weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | medium to many | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | medium | short to medium |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright |
| <input type="checkbox"/> *Stem: anthocyanin colouration | very weak to weak | weak |
| <input checked="" type="checkbox"/> Leaf: outline size | medium | large |
| <input type="checkbox"/> Leaf: openness | intermediate | closed to intermediate |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | medium | medium to strong |
| <input type="checkbox"/> Leaf: green colour | medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | small to medium | medium |

| | | | |
|-------------------------------------|---|---------------------|--------------------|
| <input type="checkbox"/> | Second pair of lateral leaflets: width in relation to length | narrow to medium | narrow to medium |
| <input type="checkbox"/> | Terminal and lateral leaflets: frequency of coalescence | very low to low | absent or very low |
| <input checked="" type="checkbox"/> | Leaflet: waviness of margin | very weak to weak | medium |
| <input type="checkbox"/> | Leaflet: depth of veins | medium | medium to deep |
| <input type="checkbox"/> | Leaflet: glossiness of the upperside | medium | medium to glossy |
| <input checked="" type="checkbox"/> | Plant: height | medium to tall | tall to very tall |
| <input checked="" type="checkbox"/> | *Plant: frequency of flowers | very low to low | high to very high |
| <input checked="" type="checkbox"/> | Inflorescence: size | small | medium to large |
| <input type="checkbox"/> | Inflorescence: anthocyanin colouration on peduncle | very weak to weak | weak to medium |
| <input type="checkbox"/> | Flower corolla: size | small | medium to large |
| <input type="checkbox"/> | *Flower corolla: intensity of anthocyanin colouration on inner side | medium to strong | medium |
| <input type="checkbox"/> | *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| <input checked="" type="checkbox"/> | *Flower corolla: extent of anthocyanin colouration on inner side | large to very large | medium |
| <input type="checkbox"/> | *Plant: time of maturity | early | medium |
| <input type="checkbox"/> | *Tuber: shape | oval | oval |
| <input type="checkbox"/> | Tuber: depth of eyes | shallow to medium | shallow |
| <input type="checkbox"/> | *Tuber: colour of skin | yellow | yellow |
| <input type="checkbox"/> | *Tuber: colour of base of eye | yellow | yellow |
| <input checked="" type="checkbox"/> | *Tuber: colour of flesh | medium yellow | white |
| <input type="checkbox"/> | Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Ivetta' | 'Valor' |
|---|-----------------|----------------|
| <input type="checkbox"/> Stem: Thickness | medium | thick |
| <input type="checkbox"/> Tuber: skin smoothness | medium | medium |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2013 | granted | 'Ivetta' |

First sold in Germany as 'IVETTA' on 22nd April 2014

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2014/336 | |
| Variety Name | 'Captiva' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 28 Aug 2015 | |
| Applicant | EUROPLANT Pflanzenzucht GmbH, Luneburg, Germany | |
| Agent | Australian Seed Partners Pty Ltd, Deloitte Private, 170 Fullarton Rd, Dulwich, SA, 5065, Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The breeding line B98/637/439 was pollinated by breeding line E98/226/A189 in the Bohm Nordkartoffel Agrarproduktion GmbH & Co OHG Potato Breeding Program at D-Bohlendorf, Germany. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Captiva' in 2013. Breeder; Bohm-Nordkartoffel Agrarproduktion GmbH & Co. OHG, Lueneburg, Germany. s | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Lightsprout | shape | ovoid |
| Tuber | shape | long |
| Tuber | skin colour | yellow |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Spunta' | | |
| | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|----------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Milva' | Lightsprout | pubescence of base | strong | very weak to weak | |
| 'Milva' | Plant | frequency of flowers | low | 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 | 'Captiva' | 'Spunta' |
|---|------------------------|----------------------|
| <input type="checkbox"/> Lightsprout: size | medium to large | medium to large |
| <input type="checkbox"/> *Lightsprout: shape | ovoid | ovoid |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | high |
| <input type="checkbox"/> *Lightsprout: pubescence of base | medium to strong | medium |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | medium | medium |
| <input type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | intermediate |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | medium to strong | strong |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak to medium | medium |
| <input type="checkbox"/> *Lightsprout: number of root tips | medium to many | many |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | medium | medium |
| <input checked="" type="checkbox"/> Plant: foliage structure | leaf type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright |
| <input checked="" type="checkbox"/> *Stem: anthocyanin colouration | absent or very weak | strong |
| <input type="checkbox"/> Leaf: outline size | large | medium to large |
| <input type="checkbox"/> Leaf: openness | intermediate | intermediate to open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | medium | medium |
| <input type="checkbox"/> Leaf: green colour | light | light to medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium | medium |
| <input checked="" type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium to broad | narrow to medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | absent or very low | low |
| <input checked="" type="checkbox"/> Leaflet: waviness of margin | absent or very weak | weak |
| <input type="checkbox"/> Leaflet: depth of veins | medium | medium |

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

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Captiva' | 'Spunta' |
|---|------------------|-----------------|
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | medium | smooth |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2012 | granted | 'Captiva' |

First sold in Germany 18th April 2013

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2014/337 | |
| Variety Name | 'Cardinia' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 28 Aug 2015 | |
| Applicant | EUROPLANT Pflanzenzucht GmbH, Luneburg, Germany. | |
| Agent | Australian Seed Partners Pty Ltd, Deloitte Private, 170 Fullarton Rd, Dulwich, SA, 5065 Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The breeding line E98/76/195 was pollinated by breeding line L98/9/3 in the Bohm Nordkartoffel Agrarproduktion GmbH & Co Potato Breeding Program at D-Ebstorf, Germany. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Cardinia' in 2011. Breeder: Bohm Nordkartoffel Agrarproduktion GmbH & Co. OHG, Lueneburg, 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 |
| Lightsprout | shape | ovoid |
| Flower | colour | white |
| Tuber | shape | oval |
| Tuber | skin colour | yellow |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Orchestra' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|---------------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Milva' | lightsprout | anthocyanin colouration of base | medium | very strong | |
| 'Milva' | lightsprout | anthocyanin colouration of tip | medium | very strong | |
| 'Lady Claire' | plant | foliage structure | stem type | leaf type | |
| 'Lady Claire' | leaf | shape | medium | narrow | |

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

| Organ/Plant Part: Context | 'Cardinia' | 'Orchestra' |
|--|----------------------|-------------------------|
| <input type="checkbox"/> Lightsprout: size | medium to large | medium to large |
| <input type="checkbox"/> *Lightsprout: shape | ovoid | ovoid |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | medium | medium |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | large | medium to large |
| <input type="checkbox"/> Lightsprout: habit of tip | open | open |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | medium | weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | medium to strong | medium to strong |
| <input type="checkbox"/> *Lightsprout: number of root tips | few to medium | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | very short to short | short |
| <input checked="" type="checkbox"/> Plant: foliage structure | stem type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | upright to semi-upright |
| <input checked="" type="checkbox"/> *Stem: anthocyanin colouration | absent or very weak | weak to medium |
| <input type="checkbox"/> Leaf: outline size | medium to large | large to very large |
| <input type="checkbox"/> Leaf: openness | intermediate to open | intermediate to open |
| <input checked="" type="checkbox"/> Leaf: presence of secondary leaflets | weak | medium to strong |
| <input type="checkbox"/> Leaf: green colour | medium to dark | medium to dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very | absent or very |

| | | |
|--|----------------------|----------------------|
| | weak | weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium to large | large |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | medium |
| <input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | very high | low |
| <input type="checkbox"/> Leaflet: waviness of margin | weak | weak |
| <input type="checkbox"/> Leaflet: depth of veins | shallow to medium | medium |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | medium to glossy | medium |
| <input type="checkbox"/> Flower bud: anthocyanin colouration | weak | weak |
| <input type="checkbox"/> Plant: height | tall | medium to tall |
| <input checked="" type="checkbox"/> *Plant: frequency of flowers | medium | high |
| <input type="checkbox"/> Inflorescence: size | medium | medium to large |
| <input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle | very weak to weak | absent or very weak |
| <input type="checkbox"/> Flower corolla: size | small to medium | |
| <input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| <input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side | absent or very small | absent or very small |
| <input type="checkbox"/> *Plant: time of maturity | early | early |
| <input type="checkbox"/> *Tuber: shape | oval | oval |
| <input type="checkbox"/> Tuber: depth of eyes | shallow | shallow |
| <input type="checkbox"/> *Tuber: colour of skin | yellow | yellow |
| <input type="checkbox"/> *Tuber: colour of base of eye | yellow | yellow |
| <input checked="" type="checkbox"/> *Tuber: colour of flesh | medium yellow | light yellow |
| <input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | absent or very weak |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Cardinia' | 'Orchestra' |
|---|-------------------|--------------------|
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | medium | smooth |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2011 | granted | Cardinia |

First sold in Germany on 23rd May 2011

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2014/338 | |
| Variety Name | 'Montana' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 28 Aug 2015 | |
| Applicant | EUROPLANT Pflanzenzucht GmbH, Luneburg, Germany | |
| Agent | Australian Seed Partners Pty Ltd, Deloitte Private, 170 Fullarton Rd, Dulwich, SA, 5065, Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The breeding line E99/73/126 was pollinated by breeding line E99/89/130 in the Bohm Nordkartoffel Agrarproduktion GmbH & Co. Potato Breeding Program at D-Ebstorf, Germany. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Montana' in 2014. Breeder: Bohm-Nordkartoffel Agrarproduktion GmbH & Co. OHG | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Lightsprout | shape | spherical |
| Flower | colour | white |
| Tuber | shape | oval |
| Tuber | skin colour | yellow |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Georgina' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|--------------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Milva' | lightsprout | shape | spherical | ovoid | |
| 'Milva' | lightsprout | anthocyanin colouration of tip | weak | very strong | |
| 'Milva' | plant | frequency of flowers | low | 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 | 'Montana' | 'Georgina' |
|--|------------------------|---------------------------|
| <input type="checkbox"/> Lightsprout: size | medium | medium to large |
| <input type="checkbox"/> *Lightsprout: shape | spherical | spherical |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | medium to strong | medium |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input checked="" type="checkbox"/> *Lightsprout: pubescence of base | absent or very weak | medium |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | medium | medium to large |
| <input checked="" type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | open |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | weak | weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak | weak to medium |
| <input type="checkbox"/> *Lightsprout: number of root tips | many | many |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | short to medium | medium |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | spreading | semi-upright to spreading |
| <input checked="" type="checkbox"/> *Stem: anthocyanin colouration | medium | absent or very weak |
| <input type="checkbox"/> Leaf: outline size | medium to large | medium |
| <input checked="" type="checkbox"/> Leaf: openness | intermediate | open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | medium | medium to strong |
| <input checked="" type="checkbox"/> Leaf: green colour | light | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium | small |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | narrow to medium |
| <input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | medium | low |

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

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Montana' | 'Georgina' |
|---|------------------|-------------------|
| <input type="checkbox"/> Stem: Thickness | medium | thick |
| <input type="checkbox"/> Tuber: skin smoothness | smooth | smooth |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2013 | granted | Montana |

First sold in Germany as Montana on 21st March 2014

Description: **John Fennell**, Littlehampton, SA

| | | | | |
|--|---|--|--|-----------------|
| Details of Application | | | | |
| Application Number | 2015/191 | | | |
| Variety Name | 'Gioconda' | | | |
| Genus Species | <i>Solanum tuberosum</i> | | | |
| Common Name | Potato | | | |
| Accepted Date | 24 Jul 2015 | | | |
| Applicant | IPR B.V., Joure, the Netherlands and Mts. P.J. & F.P. van der Zee, Kloosterburen, the Netherlands | | | |
| Agent | Forth Farm Investments Pty Ltd; 288 Leith Road, Forth, TAS, 7310 | | | |
| Qualified Person | Kevin Clayton-Greene | | | |
| Details of Comparative Trial | | | | |
| Location | Solon, Waikere and Cuprona Tasmania to verify UPOV flowering descriptors as plants in glasshouse did not flower. Floral descriptions were also verified against UPOV published descriptions | | | |
| Descriptor | UPOV Potato (<i>Solanum tuberosum</i>) TG/23/6 | | | |
| Period | November 2018 and January 2019 | | | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots. Pots placed on benches in a screened polythene clad greenhouse | | | |
| Trial Design | 60 plants each of candidate and comparator varieties and field grown material of minitubers for G1 harvest. | | | |
| Measurements | measurements were taken in the metric system following UPOV guidelines | | | |
| RHS Chart - edition | July 2012 (English edition) | | | |
| Origin and Breeding | | | | |
| Controlled pollination: selected in 1999 from a conventional cross between the maternal parent ('Vivaldi') and paternal parent ('Carrera'). Variety was selected due to superior skin finish and superior agronomic characteristics including disease resistance. Observations based upon field measurements in Netherlands and trial sites world wide. Breeders: HZPC Holland B.V., Joure, the Netherlands and Mts. P.J. & F.P. van der Zee, Kloosterburen, the Netherlands | | | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | |
| Tuber Flesh | colour | light yellow | | |
| Tuber | skin colour | light beige to yellow | | |
| Tuber | shape | oval | | |
| Plant | growth habit | semi-upright -spreading | | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | | |
| Name | Comments | | | |
| 'Carrera' | Paternal parent, is grown in Australia and of similar appearance | | | |
| 'Almera' | Similar tuber shape and colour, flowers also coloured and widely grown in Australia | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Mona Lisa' | Flower colour | pale violet | white | candidate and |

| | | | | | |
|--|--|--|--|--|--|
| | | | | | other selected comparators have coloured flowers |
|--|--|--|--|--|--|

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

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

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

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2011 | granted | 'Gioconda' |
| Netherlands | 2010 | granted | 'Gioconda' |
| USA | 2013 | pending | 'Gioconda' |
| Norway | 2014 | pending | 'Gioconda' |
| Canada | 2013 | pending | 'Gioconda' |

First sold in Italy as 'Gioconda' on 13th September 2011.

Description: **Kevin Clayton-Greene**, Forth, Tasmania

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2015/074 | |
| Variety Name | 'Cimega' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 23 Apr 2015 | |
| Applicant | Danespo A/S, 7323 Givé, Denmark | |
| Agent | Mitolo Group Pty Ltd, 1304 Angle Vale Road, Virginia, SA, 5120, Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Mondial' was pollinated by 'Caesar' in the LKF Vandel Potato Breeding Program at Vandel, Denmark. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line CIV-6 was selected and released as 'Cimega' in 2014. Breeder: LKF Vandel, DK-7184 Vandel, Denmark | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Flower | colour | white |
| Lightsprout | anthocyanin colour of base | medium to strong |
| Tuber | shape | long oval |
| Tuber | skin colour | yellow |
| Tuber | flesh colour | medium yellow |
| Plant | height | medium to tall |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Nicola' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|--------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Spunta' | tuber | flesh colour | medium yellow | light yellow | |

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

| Organ/Plant Part: Context | 'Cimega' | 'Nicola' |
|--|-------------------------|-------------------|
| <input type="checkbox"/> Lightsprout: size | medium | medium |
| <input checked="" type="checkbox"/> *Lightsprout: shape | ovoid | conical |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | medium to strong | medium |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input checked="" type="checkbox"/> *Lightsprout: pubescence of base | medium | strong |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | large | medium to large |
| <input type="checkbox"/> Lightsprout: habit of tip | intermediate to open | open |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | weak to medium | medium |
| <input type="checkbox"/> Lightsprout: pubescence of tip | strong to very strong | strong |
| <input checked="" type="checkbox"/> *Lightsprout: number of root tips | few to medium | medium to many |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | short to medium | medium |
| <input checked="" type="checkbox"/> Plant: foliage structure | intermediate type | stem type |
| <input type="checkbox"/> *Plant: growth habit | upright to semi-upright | semi-upright |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak to medium | weak |
| <input checked="" type="checkbox"/> Leaf: outline size | large | medium |
| <input type="checkbox"/> Leaf: openness | closed to intermediate | intermediate |
| <input checked="" type="checkbox"/> Leaf: presence of secondary leaflets | strong to very strong | medium |
| <input type="checkbox"/> Leaf: green colour | light to medium | light to medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | very weak to weak | very weak to weak |
| <input checked="" type="checkbox"/> Second pair of lateral leaflets: size | large | medium |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | low to medium | low |
| <input type="checkbox"/> Leaflet: waviness of margin | weak | weak |
| <input type="checkbox"/> Leaflet: depth of veins | medium | medium |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | medium | medium to glossy |
| <input type="checkbox"/> Flower bud: anthocyanin colouration | medium to strong | |
| <input type="checkbox"/> Plant: height | medium to tall | medium to tall |

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

| Characteristics Additional to the Descriptor/TG | | |
|--|-----------------|-----------------|
| Organ/Plant Part: Context | 'Cimega' | 'Nicola' |
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | smooth | smooth |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| EU | 2014 | 2014 | 'Cimega' |

First sold in Greece on 5th March 2014

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2015/073 | |
| Variety Name | 'Linata' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 23 Apr 2015 | |
| Applicant | Danespo A/S, 7323 Give, Denmark | |
| Agent | Mitolo Group Pty Ltd, 1304 Angle Vale Road, Virginia, SA, 5120 | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Agata' was pollinated by 'Emma' in the LKF Vandel Potato Breeding Program at Vandel, Denmark in 2005. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line GKY-7 was selected and released as 'Linata' in 2014. Breeder: LKF Vandel, DK-7184, Denmark. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar | | |
| Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Lightsprout | shape | spherical |
| Tuber | skin colour | yellow |
| Lightsprout | proportion of blue in anthocyanin colouration of base | absent or low |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Taurus' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|--------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Polaris' | flower | colour | pink | white | |

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

| Organ/Plant Part: Context | 'Linata' | 'Taurus' |
|--|------------------------|-------------------------|
| <input type="checkbox"/> Lightsprout: size | medium to large | medium |
| <input type="checkbox"/> *Lightsprout: shape | spherical | spherical |
| <input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | weak | medium to strong |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | medium to strong | medium |
| <input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base | small to medium | large |
| <input checked="" type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | intermediate to open |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | weak | medium |
| <input type="checkbox"/> Lightsprout: pubescence of tip | medium to strong | medium |
| <input type="checkbox"/> *Lightsprout: number of root tips | medium to many | few |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | short | short |
| <input checked="" type="checkbox"/> Plant: foliage structure | intermediate type | stem type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | upright to semi-upright |
| <input checked="" type="checkbox"/> *Stem: anthocyanin colouration | medium | very weak to weak |
| <input checked="" type="checkbox"/> Leaf: outline size | large | medium |
| <input type="checkbox"/> Leaf: openness | intermediate | open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | medium to strong | medium |
| <input type="checkbox"/> Leaf: green colour | medium to dark | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Second pair of lateral leaflets: size | large | small |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | narrow | narrow to medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | absent or very low | absent or very low |
| <input type="checkbox"/> Leaflet: waviness of margin | medium | weak to medium |
| <input type="checkbox"/> Leaflet: depth of veins | medium | medium |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | medium | medium to glossy |
| <input checked="" type="checkbox"/> Flower bud: anthocyanin colouration | medium to strong | absent or very weak |

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

| Characteristics Additional to the Descriptor/TG | | |
|--|-----------------|-----------------|
| Organ/Plant Part: Context | 'Linata' | 'Taurus' |
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | smooth | smooth |

Prior Applications and Sales:

Description: **John Fennell**, Littlehampton, SA

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2019/042 | |
| Variety Name | 'Crop60' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 29 Mar 2019 | |
| Applicant | The New Zealand Institute for Plant and Food Research Limited, Mt Albert Rd, Auckland, New Zealand | |
| Agent | AJ Park, GPO Box 2513, Sydney, NSW, 2001 | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Appassionate' was pollinated by 'Karaka' in the New Zealand Institute for Plant and Food Research Limited Potato Breeding Program at Lincoln, New Zealand in 2002. Subsequently selection trials occurred in Lincoln and Pukekohe, New Zealand with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line 4477-2 was selected and released as 'Crop60' in 2013. Breeder: The New Zealand Institute for Plant and Food Research Limited, Mt Albert Rd, 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 |
| Flower | colour | white |
| Tuber | shape | Long-oval |
| Tuber | skin colour | light beige |
| Tuber | flesh colour | cream |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Kennebec' | |

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

| Organ/Plant Part: Context | 'Crop60' | 'Kennebec' |
|---|-----------------------|---------------------|
| <input type="checkbox"/> Lightsprout: size | small | medium |
| <input type="checkbox"/> *Lightsprout: shape | ovoid | spherical |
| <input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | strong to very strong | absent or very weak |
| <input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | high | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | weak to medium | absent or very weak |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | medium to large | small to medium |
| <input checked="" type="checkbox"/> Lightsprout: habit of tip | intermediate | closed |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | strong to very strong | absent or very weak |
| <input checked="" type="checkbox"/> Lightsprout: pubescence of tip | strong | absent or very weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | many | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | very short | medium |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright |
| <input checked="" type="checkbox"/> *Stem: anthocyanin colouration | strong | absent or very weak |
| <input type="checkbox"/> Leaf: outline size | medium to large | large to very large |
| <input checked="" type="checkbox"/> Leaf: openness | open | intermediate |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | weak to medium | medium to strong |
| <input type="checkbox"/> Leaf: green colour | light to medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | large | medium to large |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium to broad | narrow to medium |
| <input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | medium | low |
| <input type="checkbox"/> Leaflet: waviness of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> Leaflet: depth of veins | medium to deep | medium to deep |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | dull | dull to medium |
| <input checked="" type="checkbox"/> Flower bud: anthocyanin colouration | strong | absent or very weak |

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

| Characteristics Additional to the Descriptor/TG | | |
|--|-----------------|-------------------|
| Organ/Plant Part: Context | 'Crop60' | 'Kennebec' |
| <input type="checkbox"/> Stem: Thickness | medium | thick |
| <input type="checkbox"/> Tuber: skin smoothness | smooth | smooth |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| New Zealand | 2017 | pending | 'Crop60' |

First sold in UK on 18th November 2016.

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2017/084 | |
| Variety Name | 'Safiyah' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 08 Dec 2017 | |
| Applicant | M. Higgins Ltd, Finningly, Doncaster, UK | |
| Agent | Dowling Agritech; PO Box 8093, Mt Gambier East, SA, 5290 | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Fabula' was pollinated by 'Felsina' in the Maatschap Beets-Sluis (later known as Maatschap Beets-Siertsema) Potato Breeding Program at Eppenuizen, The Netherlands in 1996. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line BEE 96-482 was selected and released as Safiyah in 2013. Breeder: Mr Anto Beets, Maatschap Beets- Siertsema (formerly known as Maatschap Beets-Sluis), Eppenuizen, The Netherlands. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Lightsprout | shape | ovoid |
| Flower | colour | pink |
| Tuber | shape | oval |
| Tuber | skin colour | light beige |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Wizard' | | |

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

| Organ/Plant Part: Context | 'Safiyah' | 'Wizard' |
|--|---------------------------|-------------------------|
| <input checked="" type="checkbox"/> Lightsprout: size | medium to large | small |
| <input type="checkbox"/> *Lightsprout: shape | ovoid | ovoid |
| <input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | weak | medium |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | weak | weak |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | medium | medium |
| <input checked="" type="checkbox"/> Lightsprout: habit of tip | intermediate | open |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | medium | medium |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak | weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | few | few |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | medium | medium |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input checked="" type="checkbox"/> *Plant: growth habit | semi-upright to spreading | upright to semi-upright |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak | weak to medium |
| <input type="checkbox"/> Leaf: outline size | large | medium to large |
| <input type="checkbox"/> Leaf: openness | intermediate | intermediate to open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | weak to medium | medium |
| <input checked="" type="checkbox"/> Leaf: green colour | light | medium to dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | large | medium |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | absent or very low | absent or very low |
| <input type="checkbox"/> Leaflet: waviness of margin | absent or very weak | weak to medium |
| <input type="checkbox"/> Leaflet: depth of veins | medium | medium to deep |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | dull to medium | medium |
| <input type="checkbox"/> Flower bud: anthocyanin colouration | medium | absent or very weak |
| <input type="checkbox"/> Plant: height | short to medium | short to medium |
| <input checked="" type="checkbox"/> *Plant: frequency of flowers | very low to low | high |
| <input type="checkbox"/> Inflorescence: size | small | small to medium |
| <input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle | very weak to weak | weak |
| <input type="checkbox"/> Flower corolla: size | medium | small |
| <input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on | weak to medium | weak to medium |

| | | |
|--|---------------------|---------------|
| inner side | | |
| <input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| <input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side | small to medium | medium |
| <input checked="" type="checkbox"/> *Plant: time of maturity | early | very late |
| <input type="checkbox"/> *Tuber: shape | oval | oval |
| <input type="checkbox"/> Tuber: depth of eyes | shallow | medium |
| <input type="checkbox"/> *Tuber: colour of skin | light beige | light beige |
| <input type="checkbox"/> *Tuber: colour of base of eye | white | yellow |
| <input checked="" type="checkbox"/> *Tuber: colour of flesh | light yellow | cream |
| <input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | |

| Characteristics Additional to the Descriptor/TG | | |
|--|------------------|-----------------|
| Organ/Plant Part: Context | 'Safiyah' | 'Wizard' |
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input checked="" type="checkbox"/> Tuber: skin smoothness | medium | rough |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| New Zealand | 2015 | granted | 'Safiyah' |

First sold in UK on 12th December 2013

Description: **John Fennell**, Littlehampton, SA

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2017/083 | |
| Variety Name | 'Lorimer' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 05 May 2017 | |
| Applicant | M. Higgins Ltd, Finningley, Doncaster, United Kingdom | |
| Agent | Dowling Agritech; PO Box 8093, Mt Gambier East, SA, 5290 | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety Olympus was pollinated by breeding line 98-HIG-16.4 under contract for the Higgins Agriculture Ltd. Potato Breeding Program at Elgin, Scotland. The crossing was contracted to the James Hutton Institute in Dundee, Scotland in 2005. Subsequently selection trials occurred at Doncaster, UK with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line HG 05-3 A17 was selected and released as Lorimer. Breeder: Higgins Agriculture Ltd., Finningley, Doncaster, United Kingdom. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Tuber | shape | short oval |
| Lightsprout | anthocyanin colour of base | strong to very strong |
| Tuber | skin colour | light beige |
| Flower | colour | purple |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Olympus' | maternal parent | |

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

| Organ/Plant Part: Context | 'Lorimer' | 'Olympus' |
|--|------------------------|------------------------|
| <input type="checkbox"/> Lightsprout: size | medium | medium |
| <input checked="" type="checkbox"/> *Lightsprout: shape | conical | ovoid |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | strong to very strong | very strong |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | high | high |
| <input type="checkbox"/> *Lightsprout: pubescence of base | strong | strong |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | small to medium | small |
| <input checked="" type="checkbox"/> Lightsprout: habit of tip | closed | intermediate to open |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | strong to very strong | medium to strong |
| <input checked="" type="checkbox"/> Lightsprout: pubescence of tip | medium | strong |
| <input type="checkbox"/> *Lightsprout: number of root tips | medium | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | short | short |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright |
| <input type="checkbox"/> *Stem: anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> Leaf: outline size | large | large |
| <input type="checkbox"/> Leaf: openness | closed to intermediate | closed to intermediate |
| <input checked="" type="checkbox"/> Leaf: presence of secondary leaflets | medium | strong |
| <input type="checkbox"/> Leaf: green colour | light to medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | medium | medium |
| <input type="checkbox"/> Second pair of lateral leaflets: size | large | medium |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | narrow to medium | medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | very low to low | low |
| <input type="checkbox"/> Leaflet: waviness of margin | weak | absent or very weak |
| <input type="checkbox"/> Leaflet: depth of veins | medium | medium to deep |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | medium | medium |
| <input type="checkbox"/> Flower bud: anthocyanin colouration | weak | strong |
| <input type="checkbox"/> Plant: height | short to medium | medium to tall |
| <input type="checkbox"/> *Plant: frequency of flowers | low | high |
| <input type="checkbox"/> Inflorescence: size | small | medium to large |
| <input checked="" type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle | absent or very weak | strong |
| <input type="checkbox"/> Flower corolla: size | medium to large | large |

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

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Lorimer' | 'Olympus' |
|---|------------------|------------------|
| <input type="checkbox"/> Tuber: dormancy | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | rough | rough |

Prior Applications and Sales:

No prior sale or application.

Description: **John Fennell**, Littlehampton, SA

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2017/306 | |
| Variety Name | 'CAMMEO' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 13 Dec 2017 | |
| Applicant | Caithness Potatoes Holding BV, London, SE83FN, UK | |
| Agent | South Australian Potato Company Pty Ltd, PO Box 320, Mt Barker , SA, 5251, Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Caesar' was pollinated by 'Mondial' in the JHM van de Oord Potato Breeding Program at Wieringerwerf, Netherlands in 1993. Subsequently selection trials occurred with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line WW9310 clone 2052 was selected and released as 'Cammeo' in 2016. Breeder: J H M van de Oord, Wieringerwerf, The Netherlands. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Flower | colour | pink |
| Tuber | shape | oval |
| Tuber | skin colour | light beige |
| Tuber | flesh colour | light yellow to medium yellow |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Daisy' | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|--------------------------------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Diamant' | Lightsprout | shape | ovoid | broad cylindrical | |
| 'Diamant' | flower | intensity of anthocyanin colouration | weak | medium to strong | |
| 'Vales Emerald' | flower | intensity of anthocyanin colouration | weak | medium | |

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

| Organ/Plant Part: Context | 'CAMMEO' | 'Daisy' |
|--|------------------------|---------------------------|
| <input type="checkbox"/> Lightsprout: size | small to medium | small to medium |
| <input type="checkbox"/> *Lightsprout: shape | spherical | ovoid |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | weak to medium | medium |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input checked="" type="checkbox"/> *Lightsprout: pubescence of base | weak | medium |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | small | small to medium |
| <input type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | closed to intermediate |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | weak to medium | absent or very weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak | medium |
| <input type="checkbox"/> *Lightsprout: number of root tips | many | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | short | medium to long |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright to spreading |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak to medium | weak to medium |
| <input type="checkbox"/> Leaf: outline size | medium to large | medium to large |
| <input type="checkbox"/> Leaf: openness | intermediate to open | closed to intermediate |
| <input checked="" type="checkbox"/> Leaf: presence of secondary leaflets | weak to medium | strong |
| <input type="checkbox"/> Leaf: green colour | light to medium | medium to dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium to large | large |
| <input type="checkbox"/> Second pair of lateral leaflets: width in relation to length | narrow to medium | medium |
| <input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence | absent or very low | absent or very low |

| | | |
|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> Leaflet: waviness of margin | weak | medium |
| <input checked="" type="checkbox"/> Leaflet: depth of veins | medium | deep |
| <input type="checkbox"/> Leaflet: glossiness of the upperside | dull to medium | medium |
| <input type="checkbox"/> Flower bud: anthocyanin colouration | medium | medium |
| <input type="checkbox"/> Plant: height | tall | tall |
| <input checked="" type="checkbox"/> *Plant: frequency of flowers | medium | low |
| <input type="checkbox"/> Inflorescence: size | medium | medium |
| <input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle | weak | absent or very weak |
| <input type="checkbox"/> Flower corolla: size | small to medium | medium |
| <input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side | weak | strong |
| <input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| <input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side | large | large |
| <input type="checkbox"/> *Plant: time of maturity | medium | medium to late |
| <input type="checkbox"/> *Tuber: shape | oval | oval |
| <input type="checkbox"/> Tuber: depth of eyes | shallow | shallow |
| <input type="checkbox"/> *Tuber: colour of skin | light beige | light beige |
| <input type="checkbox"/> *Tuber: colour of base of eye | white | white |
| <input type="checkbox"/> *Tuber: colour of flesh | light yellow | medium yellow |
| <input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | absent or very weak |

| Characteristics Additional to the Descriptor/TG | | |
|--|-----------------|----------------|
| Organ/Plant Part: Context | 'CAMMEO' | 'Daisy' |
| <input type="checkbox"/> Stem: thickness | medium | medium |
| <input checked="" type="checkbox"/> Tuber: skin smoothness | smooth | medium |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| UK | 2013 | granted | 'CAMMEO' |
| EU | 2017 | granted | 'CAMMEO' |

First sold in Israel on 17th Jan 2017

Description: **John Fennell**, Littlehampton, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2018/277 | |
| Variety Name | 'KINGSMAN' | |
| Genus Species | <i>Solanum tuberosum</i> | |
| Common Name | Potato | |
| Accepted Date | 20 Sep 2018 | |
| Applicant | Cygnet PB Ltd, Tayside, Scotland, United Kingdom | |
| Agent | Elders Limited, 6th Floor, 160 Queen Street, Melbourne, VIC, 300, Australia | |
| Qualified Person | John Fennell | |
| Details of Comparative Trial | | |
| Location | Waikerie, SA | |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 | |
| Period | September 2019 to March 2020 | |
| Conditions | Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 10 September 2019. Pots placed on benches in a screened polythene clad greenhouse | |
| Trial Design | Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison. | |
| Measurements | Observations of foliage and flowers, where present, were taken on 8 November 2019. Tubers were harvested in early December 2019 and after a short period, whilst the skins set, were recorded on 15 December 2019. Tubers were then cool stored until early February 2020 and then placed under illumination and the developing lightsprouts were recorded and photographed on 31 March 2020. | |
| RHS Chart - edition | | |
| Origin and Breeding | | |
| Controlled pollination: The variety 'Excalibur' was pollinated by 'Caesar' in the Cygnet PB Potato Breeding Program at Milnathort, Scotland in 2004. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line 05C 040-006 was selected and released as 'Kingsman' in 2017. Breeder: Cygnet PB Ltd, Tayside, Scotland, United Kingdom. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Tuber | shape | short oval to oval |
| Flower | colour | white |
| Lightsprout | shape | ovoid |
| Lightsprout | proportion of blue in anthocyanin colouration of base | absent or low |
| Tuber | skin colour | light beige |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Excalibur' | maternal parent | |
| | | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---------------------------------------|---------------|---|--|-----------------|
| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
| 'Saturna' | tuber | depth of eyes | very shallow to shallow | medium to deep | |

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

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

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

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'KINGSMAN' | 'Excalibur' |
|---|-------------------|--------------------|
| <input type="checkbox"/> Stem: Thickness | medium | medium |
| <input type="checkbox"/> Tuber: skin smoothness | smooth | medium |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| United kingdom | 2014 | granted | 'KINGSMAN' |
| Russia | 2017 | pending | 'KINGSMAN' |
| EU | 2018 | pending | 'KINGSMAN' |

First sold in Armenia, Egypt, Morocco and Slovenia 26th October 2017

Description: **John Fennell**, Littlehampton, SA

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2005/126 | |
| Variety Name | 'Meidrason' | |
| Genus Species | <i>Rosa</i> hybrid | |
| Common Name | Rose | |
| Accepted Date | 05 Aug 2005 | |
| Applicant | Meilland International S.A., Le Cannet-des-Maures, Le Luc en Provence, Var, FRANCE | |
| Agent | Kim Syrus, Myponga, SA | |
| Qualified Person | Kim Syrus | |
| Details of Comparative Trial | | |
| Overseas Testing Authority | Bundessortenamt, Osterfelddamm 80, D-30627 Hannover | |
| Overseas Data Reference Number | ROS 2219 (GranNo. 14058) | |
| Location | Prufstelle Rethmar, GERMANY | |
| Descriptor | 190-10-12 TG/11/7 | |
| Period | 2003-2004 | |
| Measurements | As per UPOV guidelines | |
| Origin and Breeding | | |
| Controlled pollination: 'Meidrason' was selected from a batch of seedlings derived from a cross between 'Delsop' (seed parent) and 'Kortello' (pollen parent) in 1995. 'Meidrason' was grown through a further four generations and found to be uniform and stable with no off types observed. Breeder: Alain Antoine Meilland | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Petal | undulation of margin | strong |
| Petal | colour of middle zone of inner side | RHS 0053C |
| Petal | colour of marginal zone of inner side | RHS 0053C |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Climbing Kardinal' | | |

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

| Organ/Plant Part: Context | ‘Meidrason’ | ‘Climbing Cardinal’ |
|---|---------------------|----------------------------|
| <input type="checkbox"/> Plant: growth habit | broad bushy | bushy to broad bushy |
| <input type="checkbox"/> Plant: height | tall | tall |
| <input type="checkbox"/> Plant: width | very broad | broad |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | medium | very weak to weak |
| <input type="checkbox"/> Young shoot: hue of anthocyanin colouration | reddish brown | reddish brown |
| <input type="checkbox"/> Prickles: presence | present | present |
| <input type="checkbox"/> Prickle: shape of lower side | flat | concave |
| <input type="checkbox"/> Short prickles: number | very few to few | very few to few |
| <input type="checkbox"/> Long prickles: number | medium | medium |
| <input type="checkbox"/> *Leaf: size | medium to large | medium |
| <input type="checkbox"/> Leaf: green colour | medium to dark | medium |
| <input checked="" type="checkbox"/> *Leaf: glossiness of upper side | medium to strong | weak |
| <input type="checkbox"/> Leaflet: cross section | concave | slight concave |
| <input type="checkbox"/> Leaflet: undulation of margin | medium | weak |
| <input checked="" type="checkbox"/> Terminal leaflet: length of blade | long | medium |
| <input checked="" type="checkbox"/> Terminal leaflet: width of blade | broad | medium |
| <input type="checkbox"/> Terminal leaflet: shape of base | rounded | rounded |
| <input type="checkbox"/> *Flower: type | double | double |
| <input type="checkbox"/> Flower: number of petals | few to medium | medium |
| <input checked="" type="checkbox"/> *Flower : diameter | large | medium |
| <input type="checkbox"/> Flower: view from above | irregularly round | irregularly round |
| <input type="checkbox"/> Flower: side view of upper part | flat | flattened convex |
| <input type="checkbox"/> Flower: side view of lower part | flat | flat |
| <input type="checkbox"/> Flower: fragrance | medium | weak |
| <input type="checkbox"/> Sepal: extensions | weak | weak |
| <input type="checkbox"/> *Petal: size | medium to large | medium |
| <input type="checkbox"/> *Petal: colour of middle zone of inner side(RHS colour chart) | RHS 0053C | RHS 52A |
| <input type="checkbox"/> *Petal : colour of marginal zone of inner side(RHS colour chart) | RHS 0053C | RHS 52A |
| <input type="checkbox"/> *Petal: spot at base of inner side | present | present |
| <input type="checkbox"/> *Petal: size of spot at base of inner side | very small to small | small |
| <input type="checkbox"/> *Petal: colour of spot at base of inner side (RHS colour chart) | RHS 0157C | RHS 2A |
| <input type="checkbox"/> *Petal: colour of middle zone of outer side (RHS colour | RHS 0063A | RHS 2A |

| | | |
|--|-----------------------------|-----------------------------|
| chart) | | |
| <input type="checkbox"/> Petal: colour of marginal zone of outer side (RHS colour chart) | RHS 0063A | RHS 2A |
| <input type="checkbox"/> *Petal: spot at base of outer side | present | present |
| <input type="checkbox"/> *Petal: size of spot at base of outer side | very small | small |
| <input type="checkbox"/> *Petal: colour of spot at base of outer side (RHS colour chart) | RHS 0157C | RHS 2A |
| <input type="checkbox"/> Petal: reflexing of margin | weak | medium |
| <input checked="" type="checkbox"/> Petal: undulation of margin | strong | medium |
| <input type="checkbox"/> Outer stamen: predominant colour of filament | pink | pink |
| <input type="checkbox"/> Seed vessel: size | medium | medium |
| <input type="checkbox"/> Hip: shape of longitudinal section | funnel-shaped | pitcher-shaped |
| <input checked="" type="checkbox"/> Time of beginning of: flowering | very late | medium |
| <input type="checkbox"/> *Flowering: habit | almost continuous flowering | almost continuous flowering |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| Switzerland | 2001 | Granted | 'Meidrason' |
| EU | 2002 | Granted | 'Meidrason' |
| USA | 2004 | Granted | 'Meidrason' |

First sold in the EU, May 2001

Description: **Kim Syrus**, Myponga, SA

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2013/226 | |
| Variety Name | 'Senblu' | |
| Genus Species | <i>Lavandula pedunculata</i> | |
| Common Name | Spanish Lavender | |
| Accepted Date | 11 Oct 2013 | |
| Applicant | The Paradise Seed Company Pty. Ltd., Kulnura, NSW | |
| Qualified Person | Mark Lunghusen | |
| Details of Comparative Trial | | |
| Location | Wonga Park | |
| Descriptor | Lavandula TG/194/1 | |
| Period | Spring 2018 | |
| Conditions | Plants were grown outside in commercially supplied pinebark and coir based potting media. Plants were fertilised with slow release fertiliser and overhead watered as required. | |
| Trial Design | 10 plants in block design | |
| Measurements | Taken from middle third of stem. | |
| RHS Chart - edition | Fifth Edition | |
| Origin and Breeding | | |
| <p>Controlled pollination followed by seedling selection: In august 2007, a selected in-house form of <i>lavandula pedunculata</i> (breeder ref ped02) was cross pollinated with pollen from <i>lavandula rosea</i>. Seed from this cross was collected in november 2007 and sown immediately. There were 10 resultant f1 seedlings which were planted out into field beds in jan 2008 and grown to flowering maturity. F2 seed was collected from selection #1160 this population & sown in august 2008. Approximately 200 seedlings germinated & were raised to flowering in 140mm pots between jan 2009 & sep 2009. In sep 2009, 'senblu' was selected from this f2 population as a new variety based on plant habit & floral characteristics. 'senblu' has been propagated via cuttings for at least 4 generations and is uniform & stable for all characteristics. Breeder: The Paradise Seed Company Pty. Limited</p> | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Leaf | incisions of margins | absent |
| Spike | shape | cylindrical |
| Spike | main colour of fertile bracts | red-purple |
| Spike | presence of infertile bracts | present |
| Corolla | colour | violet |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Senpur' | | |
| 'Bee Brilliant' | | |
| 'Javelin Forte Deep Blue' | | |

| | |
|---------------------|--|
| 'Blueberry Ruffles' | |
|---------------------|--|

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

| Organ/Plant Part: Context | 'Senblu' | 'Bee Brilliant' | 'Blueberry Ruffles' | 'Javelin Forte Deep Blue' | 'Senpur' |
|---|------------------|--------------------|------------------------|---------------------------------|-----------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | upright | upright | bushy | bushy | upright |
| <input checked="" type="checkbox"/> *Plant: size | medium | large | medium | medium | large |
| <input checked="" type="checkbox"/> Plant: intensity of green colour of foliage | light to medium | medium to dark | light to medium | medium to dark | light to medium |
| <input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage | medium to strong | medium to strong | medium to strong | medium | weak to medium |
| <input type="checkbox"/> *Plant: attitude of outer flowering stems | semi-erect | erect | semi-erect | semi-erect | erect |
| <input checked="" type="checkbox"/> *Plant: density | medium | medium to dense | dense | dense | open |
| <input type="checkbox"/> *Leaf: incisions of margin | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> Flowering stem: length | medium | long | medium to long | medium | long |
| <input type="checkbox"/> Flowering stem: thickness at middle third | medium | medium | thin | thin | medium |
| <input type="checkbox"/> *Flowering stem: intensity of green colour | light to medium | medium to dark | light to medium | medium to dark | light to medium |
| <input type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only) | medium | weak to medium | weak to medium | weak to medium | medium |
| <input checked="" type="checkbox"/> *Flowering stem: lateral branching | present | present | present | present | absent |
| <input checked="" type="checkbox"/> *Spike: maximum width | broad | medium to broad | narrow to medium | narrow | medium to broad |
| <input checked="" type="checkbox"/> *Spike: total length | medium to long | medium | short to medium | medium to long | medium to long |
| <input type="checkbox"/> Spike: shape | cylindrical | cylindrical | cylindrical | cylindrical | cylindrical |
| <input checked="" type="checkbox"/> Spike: number of flowers | medium to many | medium to many | many to very many | many to very many | few |
| <input checked="" type="checkbox"/> Spike: width of fertile bracts | medium to broad | medium to broad | narrow | narrow to medium | medium to broad |
| <input type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only) | red purple | red purple | red purple | red purple | red purple |

| | | | | | |
|---|-----------------|--------------|----------------|--------------|----------------|
| <input type="checkbox"/> *Spike: presence of infertile bracts | present | present | present | present | present |
| <input type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only) | short to medium | medium | medium | medium | medium |
| <input type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only) | elliptic | oblanceolate | oblanceolate | oblanceolate | oblong |
| <input type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart) | 86C | N82A | N81C | N81A | N81B |
| <input checked="" type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only) | weak to medium | medium | weak to medium | medium | strong |
| <input type="checkbox"/> *Flower: colour of calyx | greenish | greenish | greenish | purplish | greenish |
| <input type="checkbox"/> Flower: pubescence of calyx | strong | medium | weak to medium | strong | weak to medium |
| <input type="checkbox"/> *Corolla: colour | violet | violet | violet | violet | violet |

| Characteristics Additional to the Descriptor/TG | | | | | |
|--|------------------|----------------------------|--------------------------------|--|------------------|
| Organ/Plant Part: Context | ‘Senblu’ | ‘Bee Brilliant’ | ‘Blueberry Ruffles’ | ‘Javelin Forte Deep Blue’ | ‘Senpur’ |
| <input checked="" type="checkbox"/> Leaf: length | medium | medium | medium | medium | long |
| <input checked="" type="checkbox"/> Leaf: width | broad | medium | medium to broad | medium | narrow to medium |
| <input type="checkbox"/> Spike: Number of infertile bracts | medium to many | medium to many | medium | medium to many | medium |
| <input type="checkbox"/> Spike: width | narrow to medium | medium | narrow to medium | medium | medium |

Prior Applications and Sales:

First sold in Australia, October 2012

Description: **Mark Lunghusen**, Wonga Park, VIC

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2013/229 | |
| Variety Name | 'Senpur' | |
| Genus Species | <i>Lavandula pedunculata</i> | |
| Common Name | Spanish Lavender | |
| Accepted Date | 14 Oct 2013 | |
| Applicant | The Paradise Seed Company Pty. Ltd., Kulnura, NSW | |
| Qualified Person | Mark Lunghusen | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | Lavandula TG/194/1 | |
| Period | Spring 2018 | |
| Conditions | Plants were grown outside in commercially supplied pinebark and coir based potting media. Plants were fertilised with slow release fertiliser and overhead watered as required. | |
| Trial Design | 10 plants in block design | |
| Measurements | Taken from middle third of stem. | |
| RHS Chart - edition | Fifth Edition | |
| Origin and Breeding | | |
| <p>Controlled pollination followed by seedling selection: In august 2007, a selected in-house form of <i>Lavandula pedunculata</i> (breeder ref ped02) was cross pollinated with pollen from <i>Lavandula rosea</i>. Seed from this cross was collected in November 2007 and sown immediately. There were 10 resultant f1 seedlings which were planted out into field beds in jan 2008 and grown to flowering maturity. F2 seed was collected from selection #1160 from within this population & sown in august 2008. Approximately 200 seedlings germinated & were raised to flowering in 140mm pots between Jan 2009 & Sep 2009. In Sep 2009, 'Senpur' was selected from this f2 population as a new variety based on plant habit & floral characteristics. 'Senpur' has been propagated via cuttings for at least 4 generations is uniform & stable for all characteristics. Breeder: The Paradise Seed Company Pty. Limited</p> | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Spike | shape | cylindrical |
| Leaf | incisions of margins | absent |
| Spike | main colour of fertile bracts | red-purple |
| Spike | presence of infertile bracts | present |
| Corolla | colour | violet |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Senblu' | | |
| 'Bee Brilliant' | | |
| 'Javelin Forte Deep Blue' | | |

| | |
|---------------------|--|
| 'Blueberry Ruffles' | |
|---------------------|--|

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

| Organ/Plant Part: Context | 'Senpur' | 'Bee Brilliant' | 'Blueberry Ruffles' | 'Javelin Forte Deep Blue' | 'Senblu' |
|---|-----------------|--------------------|------------------------|------------------------------|------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | upright | upright | bushy | bushy | upright |
| <input checked="" type="checkbox"/> *Plant: size | small | large | medium | medium | medium |
| <input checked="" type="checkbox"/> Plant: intensity of green colour of foliage | light to medium | medium to dark | light to medium | medium to dark | light to medium |
| <input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage | weak to medium | medium to strong | medium to strong | medium | medium to strong |
| <input type="checkbox"/> *Plant: attitude of outer flowering stems | erect | erect | semi-erect | semi-erect | semi-erect |
| <input checked="" type="checkbox"/> *Plant: density | open | medium to dense | dense | dense | medium |
| <input type="checkbox"/> *Leaf: incisions of margin | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> Flowering stem: length | long | long | medium to long | medium | medium |
| <input type="checkbox"/> Flowering stem: thickness at middle third | medium | medium | thin | thin | medium |
| <input checked="" type="checkbox"/> *Flowering stem: intensity of green colour | light to medium | medium to dark | light to medium | medium to dark | light to medium |
| <input type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only) | medium | weak to medium | weak to medium | weak to medium | medium |
| <input checked="" type="checkbox"/> *Flowering stem: lateral branching | absent | present | present | present | present |
| <input checked="" type="checkbox"/> *Spike: maximum width | medium to broad | medium to broad | narrow to medium | narrow | broad |
| <input checked="" type="checkbox"/> *Spike: total length | medium to long | medium | short to medium | medium to long | medium to long |
| <input type="checkbox"/> Spike: shape | cylindrical | cylindrical | cylindrical | cylindrical | cylindrical |
| <input checked="" type="checkbox"/> Spike: number of flowers | few | medium to many | many to very many | many to very many | medium to many |
| <input checked="" type="checkbox"/> Spike: width of fertile bracts | medium to broad | medium to broad | narrow | narrow to medium | medium to broad |
| <input type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only) | red purple | red purple | red purple | red purple | red purple |

| | | | | | |
|---|----------------|--------------|----------------|--------------|-----------------|
| <input type="checkbox"/> *Spike: presence of infertile bracts | present | present | present | present | present |
| <input type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only) | medium | medium | medium | medium | short to medium |
| <input type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only) | oblong | oblanceolate | oblanceolate | oblanceolate | elliptic |
| <input type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart) | N81B | N82A | N81C | N81A | 86C |
| <input checked="" type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only) | strong | medium | weak to medium | medium | weak to medium |
| <input type="checkbox"/> *Flower: colour of calyx | greenish | greenish | greenish | purplish | greenish |
| <input type="checkbox"/> Flower: pubescence of calyx | weak to medium | medium | weak to medium | strong | strong |
| <input type="checkbox"/> *Corolla: colour | violet | violet | violet | violet | violet |

| Characteristics Additional to the Descriptor/TG | | | | | |
|--|------------------|------------------------|----------------------------|----------------------------------|------------------|
| Organ/Plant Part: Context | ‘Senpur’ | ‘Bee Brilliant’ | ‘Blueberry Ruffles’ | ‘Javelin Forte Deep Blue’ | ‘Senblu’ |
| <input checked="" type="checkbox"/> Leaf: length | long | medium | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: width | narrow to medium | medium | medium to long | medium | broad |
| <input type="checkbox"/> Spike: Number of infertile bracts | medium | medium to many | medium | medium to many | medium to many |
| <input type="checkbox"/> Spike: width | medium | medium | narrow to medium | medium | narrow to medium |

Prior Applications and Sales:

First sold in Australia, October 2012

Description: **Mark Lunghusen**, Wonga Park, VIC

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2013/084 | |
| Variety Name | 'Roma 13' | |
| Genus Species | <i>Lomandra longifolia</i> x <i>Lomandra confertifolia</i> subsp. <i>pallida</i> | |
| Common Name | Spiny Headed Mat Rush | |
| Synonym | Nil | |
| Accepted Date | 10 May 2013 | |
| Applicant | Robert Harrison, Tynong, VIC | |
| Agent | N/A | |
| Qualified Person | Mark Lunghusen | |
| Details of Comparative Trial | | |
| Location | Wonga Park | |
| Descriptor | Lomandra TG/287/1 | |
| Period | Autumn - Summer 2019 | |
| Conditions | Plants were grown under 50% shade in commercially supplied pine bark and coir based potting media. Plants were fertilised with slow release fertiliser and overhead watered as required. | |
| Trial Design | 10 Plants in block design | |
| Measurements | taken from middle third of stem | |
| RHS Chart - edition | Fifth Edition | |
| Origin and Breeding | | |
| Open pollination: followed by seedling selection: Seed was selected from a <i>Lomandra longifolia</i> in a large breeding program which included many other species of Lomandra. The seeds were sown, and the candidate was selected from this planting based on the presence of leaf variegation and then grown on to determine uniformity and stability. The candidate Roma13 has proven to be stable through 5 generations Breeder: Robert Harrison, Tynong Vic. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Leaf | variegation | present |
| Leaf | main colour upper side | green |
| Leaf | secondary colour upper side | green white |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'NPW3' | | |

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

| Organ/Plant Part: Context | 'Roma 13' | 'NPW3' |
|---|--------------------|--------------------|
| <input type="checkbox"/> Plant: habit | semi upright | upright |
| <input checked="" type="checkbox"/> Plant: height of foliage | tall | medium |
| <input type="checkbox"/> Plant: density of foliage | medium | medium |
| <input checked="" type="checkbox"/> Leaf blade: length | long | medium |
| <input type="checkbox"/> Leaf blade: width | medium | narrow to medium |
| <input type="checkbox"/> Leaf: profile in cross section | moderately concave | moderately concave |
| <input checked="" type="checkbox"/> Leaf: type of apex | toothed | toothed |
| <input type="checkbox"/> Leaf: texture | smooth | smooth |
| <input type="checkbox"/> Leaf: glaucosity of upper side | very weak | very weak |
| <input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS colour charts) | 137C | 148A |
| <input type="checkbox"/> Leaf: secondary colour of upper side (RHS colour charts) | 157B | 157B |
| <input checked="" type="checkbox"/> Leaf: pliability | strong | weak |
| <input type="checkbox"/> Basal sheath: shredding of margin | very weak to weak | weak |
| <input type="checkbox"/> Basal sheath: intensity of brown colour | light | medium |
| <input type="checkbox"/> Inflorescence: position in relation to foliage | below | below |
| <input type="checkbox"/> Inflorescence: length of flowering part | medium | medium |
| <input checked="" type="checkbox"/> Peduncle: length | medium | long |
| <input type="checkbox"/> Bract: length | medium | medium |

| Characteristics Additional to the Descriptor/TG | | |
|---|------------------|---------------|
| Organ/Plant Part: Context | 'Roma 13' | 'NPW3' |
| <input checked="" type="checkbox"/> Leaf: twisting on longitudinal axis | present | absent |
| <input type="checkbox"/> Leaf: position of main colour | along midrib | along midrib |
| <input type="checkbox"/> Leaf : variegation | present | present |
| <input type="checkbox"/> Inflorescence: degree of branching | very weak | very weak |

Prior Applications and Sales:

| Country | Year | Status | Name Applied |
|----------------|-------------|---------------|---------------------|
| USA | 2013 | Granted | 'Roma 13' |
| EU | 2016 | Granted | 'Roma 13' |

Description: **Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Wonga Park, VIC 3115.

| | |
|--|--|
| Details of Application | |
| Application Number | 2018/248 |
| Variety Name | 'SRA16' |
| Genus Species | <i>Saccharum</i> hybrid |
| Common Name | Sugarcane |
| Synonym | Nil |
| Accepted Date | 11 Sep 2018 |
| Applicant | Sugar Research Australia, Indooroopilly, QLD |
| Agent | N/A |
| Qualified Person | George Piperidis |
| Details of Comparative Trial | |
| Location | SRA Meringa, 71378 Bruce Highway, Gordonvale |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 |
| Period | Planted 30 August 2017; Descriptions taken 15-16 July 2018 |
| Conditions | Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with dry soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. 82 mm rainfall recorded on 20th August. Irrigation: Rain-fed only. All planting material was sourced locally and the planting material was of good quality. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease (<i>Ceratocystis paradoxa</i>). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms (<i>Agrypnus</i> spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergent post planting for control of grasses and broadleaf weeds. Fertilizer at planting DAP18 @ 100kg/ha (18kg N, 20kgP, 0kg K). Topdress on 18/11/17 with Banana Special K at 330kg/ha (60kg N, 0kg P, 90kg K). Total nutrients /ha (78kg N, 20kg P, 90kg K). Confidor applied for grub control 23/11/17 @ 1.4 lt/ha. Final spray with pre-emergent Valor (flumioxazin) @ 0.5kg/ha at out of hand stage early December 2017. |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows. |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. |
| RHS Chart - edition | 2001 |
| Origin and Breeding | |
| Controlled pollination: 'SRA16' is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2006 between the seed parent 'QN97-2328' and the pollen parent 'QN96-1162'. Seed was collected from the pollinated female inflorescences and stored for germination in 2006. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg and Meringa station and sites within the sugarcane growing area in the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia 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 |
| Internode | colour where exposed to sun | yellow-green and greyed-orange |
| Node | shape of bud | ovate and oval |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Q250' | | |
| 'SRA6' | | |

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

| Organ/Plant Part: Context | 'SRA16' | 'Q250' | 'SRA6' |
|---|---|---|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | weak to medium | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | concave-convex | slightly conoidal | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | yellow-green 144A, 152C to 152D, 153D; greyed-yellow 162B; greyed-orange 177C | Yellow-Green 144A, 146C, 152C to 152D; Greyed-Orange 177B | Yellow-Green 152B, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B; Greyed-Red 178A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A to 144B, N144A; Greyed-Yellow 160A, 160B | Yellow-Green 144A to 144B, 152D; Greyed-Yellow 160A, 160B | Yellow-Green 151A, 152C; Greyed-Yellow 160A, 160B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | absent or very shallow |
| <input checked="" type="checkbox"/> *Internode: expression of zigzag alignment | strong | moderate | weak |
| <input type="checkbox"/> Internode: waxiness | weak | weak | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium | medium |
| <input type="checkbox"/> *Node: shape of bud | ovate and oval | round | ovate |
| <input type="checkbox"/> Node: bud prominence | medium | medium to strong | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | absent or very shallow | shallow |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | intermediate | intermediate |
| <input type="checkbox"/> Node: bud cushion | narrow to medium | absent or very narrow | narrow to medium |
| <input checked="" type="checkbox"/> Node: width of bud wing | narrow | medium to wide | narrow to medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | very few to few | absent or very few | very few to few |

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

Statistical Table

| Organ/Plant Part: Context | 'SRA16' | 'Q250' | 'SRA6' |
|---|---------|--------|--------|
| <input checked="" type="checkbox"/> Culm: height (cm) | | | |
| Mean | 233.70 | 288.30 | 250.10 |
| Std. Deviation | 21.79 | 16.36 | 20.71 |
| LSD/sig | 39.88 | P≤0.01 | ns |
| <input type="checkbox"/> Internode: length on bud side (cm) | | | |
| Mean | 16.93 | 14.90 | 15.00 |
| Std. Deviation | 2.42 | 2.19 | 1.26 |
| LSD/sig | 2.75 | ns | ns |
| <input type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 22.46 | 23.80 | 24.50 |
| Std. Deviation | 2.10 | 2.37 | 2.15 |
| LSD/sig | 2.15 | ns | ns |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 11.44 | 9.90 | 9.70 |
| Std. Deviation | 1.18 | 1.23 | 1.16 |
| LSD/sig | 0.91 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.31 | 7.10 | 7.80 |
| Std. Deviation | 0.66 | 0.79 | 1.28 |
| LSD/sig | 1.23 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (mm) | | | |
| Mean | 283.50 | 281.00 | 293.00 |
| Std. Deviation | 20.22 | 20.80 | 14.20 |
| LSD/sig | 37.37 | ns | ns |
| <input checked="" type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 159.10 | 130.30 | 141.40 |

| | | | |
|--|-------|--------|--------|
| Std. Deviation | 10.30 | 8.10 | 10.83 |
| LSD/sig | 14.25 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 43.30 | 44.50 | 40.30 |
| Std. Deviation | 2.63 | 3.55 | 3.13 |
| LSD/sig | 4.75 | ns | ns |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 3.65 | 3.60 | 3.90 |
| Std. Deviation | 0.38 | 0.47 | 0.58 |
| LSD/sig | 0.78 | ns | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 11.97 | 12.50 | 10.40 |
| Std. Deviation | 1.20 | 1.38 | 1.41 |
| LSD/sig | 2.71 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2019/180 | |
| Variety Name | 'SRA20' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 3 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2006 between the seed parent 'QN86-5279' and the pollen parent 'QS91-7008'. Seed was collected from the pollinated female inflorescences and stored for germination in 2007. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Southern region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Internode | cross-section | circular |
| Internode | colour where not exposed to sun | yellow-green |
| Node | shape of bud | ovate |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Q240' | |
| 'Q242' | |

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

| Organ/Plant Part: Context | 'SRA20' | 'Q240' | 'Q242' |
|---|---|---|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | concave-convex | cylindrical to concave-convex | cylindrical to concave-convex |
| <input type="checkbox"/> Internode: cross-section | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 144A, 152B; Greyed-Yellow 161A; Greyed-Orange 174A, 176B | Yellow-Green 152A to 152B; Greyed-Yellow 161B; Greyed-Orange 166A; Greyed-Purple 183B | Yellow-Green 144A, N144A, 152D; Greyed-Orange 166B, 176A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 144B to 144C; Greyed-Yellow 160B, 160C | Yellow-Green 144A, 144B, 152D; Greyed-Yellow 160A; Greyed-Orange 176C | Yellow-green N144A, N144B, 144B, 144C, 145A, 146D |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | medium to deep |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak | weak | moderate |
| <input type="checkbox"/> Internode: waxiness | medium | medium to strong | weak |
| <input type="checkbox"/> Node: wax ring | medium | medium to wide | narrow |
| <input type="checkbox"/> *Node: shape of bud | ovate | ovate | triangular-pointed |
| <input type="checkbox"/> Node: bud prominence | weak | weak | medium |
| <input type="checkbox"/> Node: depth of bud groove | shallow to medium | medium | shallow to medium |
| <input type="checkbox"/> Node: length of bud groove | medium to long | medium to long | medium to long |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | intermediate | clearly above |
| <input type="checkbox"/> Node: bud cushion | absent or very narrow | narrow | narrow to medium |
| <input type="checkbox"/> Node: width of bud wing | narrow to medium | narrow | narrow to medium |
| <input checked="" type="checkbox"/> Leaf sheath: number of hairs | medium to many | absent or very few | absent or very few |
| <input type="checkbox"/> Leaf sheath: length of hairs | medium to long | - | - |
| <input type="checkbox"/> Leaf sheath: distribution of hairs | lateral and dorsal | - | - |
| <input type="checkbox"/> Leaf sheath: shape of ligule | crescent-shaped | crescent-shaped | crescent-shaped and deltoid |

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

Statistical Table

| Organ/Plant Part: Context | 'SRA20' | 'Q240' | 'Q242' |
|---|---------|--------|--------|
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 291.85 | 292.05 | n/a |
| Std. Deviation | 38.76 | 23.43 | n/a |
| LSD/sig | 39.88 | ns | n/a |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 16.20 | 16.06 | 17.87 |
| Std. Deviation | 2.77 | 1.89 | 3.02 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 26.13 | 27.55 | 23.04 |
| Std. Deviation | 2.30 | 2.63 | 2.60 |
| LSD/sig | 2.15 | ns | P<0.01 |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 8.20 | 9.73 | 8.05 |
| Std. Deviation | 1.09 | 0.91 | 0.69 |
| LSD/sig | 0.91 | P<0.01 | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.47 | 7.02 | 6.26 |
| Std. Deviation | 1.13 | 0.87 | 0.59 |
| LSD/sig | 1.23 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 33.00 | 31.43 | n/a |
| Std. Deviation | 3.94 | 1.91 | n/a |
| LSD/sig | 3.74 | ns | n/a |
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 39.84 | 45.83 | n/a |
| Std. Deviation | 5.17 | 4.05 | n/a |
| LSD/sig | 4.75 | P<0.01 | n/a |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 3.46 | 3.52 | n/a |
| Std. Deviation | 0.71 | 0.51 | n/a |
| LSD/sig | 0.78 | ns | n/a |

| | | | |
|--|--------|--------|-----|
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 11.76 | 13.25 | n/a |
| Std. Deviation | 1.58 | 1.54 | n/a |
| LSD/sig | 2.71 | ns | n/a |
| <input type="checkbox"/> Leaf: blade: length (cm) | | | |
| Mean | 148.54 | 146.29 | n/a |
| Std. Deviation | 13.28 | 12.33 | n/a |
| LSD/sig | 14.25 | ns | n/a |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | |
|--|---|
| Details of Application | |
| Application Number | 2019/204 |
| Variety Name | 'QS00-256' |
| Genus Species | <i>Saccharum</i> hybrid |
| Common Name | Sugarcane |
| Synonym | Nil |
| Accepted Date | 04 Oct 2019 |
| Applicant | Sugar Research Australia, Indooroopilly, QLD |
| Agent | N/A |
| Qualified Person | George Piperidis |
| Details of Comparative Trial | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. |
| RHS Chart - edition | 2001 |
| Origin and Breeding | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 1998 between the seed parent 'QN80-440' and the pollen parent 'QN89-1043'. Seed was collected from the pollinated female inflorescences and stored for germination in 2000. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Southern regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited. | |

| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
|---|---------------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | triangular-pointed to ovate |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | circular to ovate |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Q138' | | |
| 'SRA6' | | |

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

| Organ/Plant Part: Context | 'QS00-256' | 'Q138' | 'SRA6' |
|---|---|--|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium to strong | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | slightly concave-convex | slightly conoidal | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | circular to ovate | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 144A, 152B; Greyed-Yellow 160A; Grey-Brown N199D | Yellow-Green N144A, 152B, 152D; Greyed-Orange 174A, 175B | Yellow-Green 152B, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B; Greyed-Red 178A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A to 144B, N144A; Greyed-Yellow 160A, 160B | Yellow-Green N144A, 144A, 151A, 152D; Greyed-Yellow 160A | Yellow-Green 151A, 152C; Greyed-Yellow 160A, 160B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | moderate | weak to moderate | very weak to weak |
| <input checked="" type="checkbox"/> Internode: waxiness | medium | very weak to weak | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium to wide | medium |
| <input type="checkbox"/> *Node: shape of bud | triangular-pointed to ovate | oval | ovate |
| <input type="checkbox"/> Node: bud prominence | medium | weak to medium | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | shallow | shallow |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | clearly below | intermediate |

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

Statistical Table

| Organ/Plant Part: Context | 'QS00-256' | 'Q138' | 'SRA6' |
|---|------------|--------|--------|
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 253.92 | 272.58 | 250.10 |
| Std. Deviation | 37.86 | 19.09 | 20.71 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 17.99 | 18.11 | 15.01 |
| Std. Deviation | 3.64 | 2.21 | 1.26 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 20.88 | 22.73 | 24.53 |
| Std. Deviation | 2.46 | 1.97 | 2.15 |
| LSD/sig | 2.15 | ns | P≤0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.57 | 10.63 | 9.65 |
| Std. Deviation | 1.02 | 0.68 | 1.16 |
| LSD/sig | 0.91 | ns | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.18 | 6.02 | 7.84 |
| Std. Deviation | 0.98 | 0.45 | 1.28 |
| LSD/sig | 1.23 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 32.29 | 28.77 | 29.30 |
| Std. Deviation | 3.49 | 1.81 | 1.42 |

| | | | |
|--|--------|--------|--------|
| LSD/sig | 3.74 | ns | ns |
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 39.64 | 50.49 | 40.33 |
| Std. Deviation | 4.69 | 3.53 | 3.13 |
| LSD/sig | 4.75 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 3.22 | 4.47 | 3.93 |
| Std. Deviation | 0.95 | 0.49 | 0.58 |
| LSD/sig | 0.78 | P≤0.01 | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 13.49 | 11.42 | 10.43 |
| Std. Deviation | 4.66 | 1.21 | 1.41 |
| LSD/sig | 2.71 | ns | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 157.62 | 143.50 | 141.41 |
| Std. Deviation | 17.50 | 7.78 | 10.83 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | |
|--|---|
| Details of Application | |
| Application Number | 2019/178 |
| Variety Name | 'QN08-2274' |
| Genus Species | <i>Saccharum</i> hybrid |
| Common Name | Sugarcane |
| Synonym | Nil |
| Accepted Date | 03 Oct 2019 |
| Applicant | Sugar Research Australia, Indooroopilly, QLD |
| Agent | N/A |
| Qualified Person | George Piperidis |
| Details of Comparative Trial | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. |
| RHS Chart - edition | 2001 |
| Origin and Breeding | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2007 between the seed parent 'QN97-2122' and the pollen parent 'Q146'. Seed was collected from the pollinated female inflorescences and stored for germination in 2008. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the Northern and Herbert regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited. | |

| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
|---|---------------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | ovate |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | ovate |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | | Comments |
| 'Q240' | | |
| 'SRA11' | | |

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

| Organ/Plant Part: Context | 'QN08-2274' | 'Q240' | 'SRA11' |
|---|---|---|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium to strong | weak to medium | medium |
| <input type="checkbox"/> *Internode: shape | conoidal | cylindrical to concave-convex | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | ovate | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Red-Purple 59A; Yellow-Green 152A; Greyed-Orange 177A; Grey-Purple 183A; Grey-Brown N199B | Yellow-Green 152A to 152B; Greyed-Yellow 161B; Greyed-Orange 166A; Greyed-Purple 183B | Yellow-Green 144A, 152B; Greyed-Yellow 161B; Greyed-Orange 177B; Greyed-Red 178A; Greyed-Purple 187B |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 151A; Greyed-Yellow 160A, 161A; Grey-Brown N199B; Brown 200B | Yellow-Green 144A, 144B, 152D; Greyed-Yellow 160A; Greyed-Orange 176C | Red-Purple 59A; Yellow-Green 144A; Greyed-Yellow 160A, 160B; Greyed-Orange 176C; Grey-Brown N199A to B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | weak | moderate |
| <input type="checkbox"/> Internode: waxiness | medium | medium to strong | medium |
| <input type="checkbox"/> Node: wax ring | wide | medium to wide | medium to wide |
| <input type="checkbox"/> *Node: shape of bud | ovate | ovate | oval |
| <input type="checkbox"/> Node: bud prominence | medium | weak | medium |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | medium | shallow to medium |

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

Statistical Table

| Organ/Plant Part: Context | 'QN08-2274' | 'Q240' | 'SRA11' |
|---|-------------|--------|---------|
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 16.43 | 16.06 | 19.36 |
| Std. Deviation | 1.38 | 1.89 | 1.80 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 21.23 | 27.55 | 26.71 |
| Std. Deviation | 1.93 | 2.63 | 1.76 |
| LSD/sig | 2.15 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.37 | 9.73 | 8.98 |
| Std. Deviation | 0.73 | 0.91 | 0.41 |
| LSD/sig | 0.91 | ns | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.84 | 7.02 | 6.95 |
| Std. Deviation | 0.78 | 0.87 | 1.30 |
| LSD/sig | 1.23 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2019/193 | |
| Variety Name | 'WSRA24' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 04 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD and Wilmar Sugar Pty Ltd, Townsville, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rain fed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Side dress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradox 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 1994 between the seed parent 'QN80-3425' and the pollen parent 'BN61-1123'. Seed was collected from the pollinated female inflorescences and stored for germination in 2005. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Burdekin station and sites within the sugarcane growing area in the Burdekin and Herbert regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia and Wilmar Sugar Pty Ltd. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar | | |
| Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Internode | cross-section | ovate/circular |
| Internode | colour where not exposed to sun | yellow-green |

| | | |
|--|-----------------|-------|
| Node | shape of bud | ovate |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Q240' | | |
| 'Q253' | | |

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

| Organ/Plant Part: Context | 'WSRA24' | 'Q240' | 'Q253' |
|---|---|---|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium | weak to medium | weak |
| <input type="checkbox"/> *Internode: shape | conoidal | cylindrical to concave-convex | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | ovate | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 144A, 152A, 152C; Grey-Brown N199D | Yellow-Green 152A to 152B; Greyed-Yellow 161B; Greyed-Orange 166A; Greyed-Purple 183B | Yellow-Green 144A, 152B, 152D; Greyed-Yellow 162B; Greyed-Red 178A; Grey-Brown N199C |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 146C, 152D; Greyed-Yellow 160A | Yellow-Green 144A, 144B, 152D; Greyed-Yellow 160A; Greyed-Orange 176C | Yellow-Green 152D, 151A, N144A; Greyed-Yellow 160A |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | medium to deep |
| <input checked="" type="checkbox"/> *Internode: expression of zigzag alignment | strong | weak | weak to moderate |
| <input type="checkbox"/> Internode: waxiness | medium to strong | medium to strong | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium to wide | narrow to medium |
| <input type="checkbox"/> *Node: shape of bud | ovate | ovate | ovate |
| <input checked="" type="checkbox"/> Node: bud prominence | strong | weak | weak to medium |
| <input type="checkbox"/> Node: depth of bud groove | medium to deep | medium | shallow to medium |
| <input type="checkbox"/> Node: length of bud groove | medium | medium to long | medium |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | intermediate | intermediate |
| <input type="checkbox"/> Node: bud cushion | very narrow to narrow | narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | medium to wide | narrow | narrow to medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | medium to many | absent or very few | very few to few |
| <input type="checkbox"/> Leaf sheath: length of hairs | long | | short to medium |
| <input type="checkbox"/> Leaf sheath: distribution of hairs | only dorsal | | only dorsal |
| <input type="checkbox"/> Leaf sheath: shape of ligule | crescent-shaped and deltoid | crescent-shaped | deltoid |

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

Statistical Table

| Organ/Plant Part: Context | 'WSRA24' | 'Q240' | 'Q253' |
|---|----------|--------|--------|
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 266.86 | 292.05 | 285.03 |
| Std. Deviation | 22.11 | 23.43 | 33.10 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 14.78 | 16.06 | 15.79 |
| Std. Deviation | 2.26 | 1.89 | 1.63 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 31.56 | 27.55 | 25.10 |
| Std. Deviation | 2.85 | 2.63 | 2.48 |
| LSD/sig | 2.15 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 13.39 | 9.73 | 9.12 |
| Std. Deviation | 0.97 | 0.91 | 0.75 |
| LSD/sig | 0.91 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 12.57 | 7.02 | 8.11 |
| Std. Deviation | 1.40 | 0.87 | 0.93 |
| LSD/sig | 1.23 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 31.83 | 31.43 | 26.83 |
| Std. Deviation | 3.30 | 1.91 | 1.98 |
| LSD/sig | 3.74 | ns | P≤0.01 |
| <input type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 45.32 | 45.83 | 42.06 |
| Std. Deviation | 4.14 | 4.05 | 4.41 |
| LSD/sig | 4.75 | ns | ns |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 4.17 | 3.52 | 3.49 |
| Std. Deviation | 0.66 | 0.51 | 0.52 |
| LSD/sig | 0.78 | ns | ns |

| | | | |
|--|--------|--------|--------|
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 11.14 | 13.25 | 12.31 |
| Std. Deviation | 1.86 | 1.54 | 1.39 |
| LSD/sig | 2.71 | ns | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 158.38 | 146.29 | 152.24 |
| Std. Deviation | 8.28 | 12.33 | 11.46 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2019/194 | |
| Variety Name | 'WSRA17' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 08 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD and Wilmar Sugar Pty Ltd, Townsville, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradox 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a field cross made by Wilmar in 2008 between the seed parent 'Q208' and the pollen parent 'TELLUS'. Seed was collected from the pollinated female inflorescences and stored for germination in 2008. The variety has since been evaluated and selected by Wilmar and Sugar Research Australia in yield trials on the Kalamia and Burdekin stations and sites within the sugarcane growing area in the Burdekin and Herbert regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia and Wilmar Sugar Pty Ltd. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | oval to obovate |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | circular |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|---------------------------|
| Name | Comments |
| 'Q208' | female parent of 'WSRA17' |
| 'Q253' | |

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

| Organ/Plant Part: Context | 'WSRA17' | 'Q208' | 'Q253' |
|---|---|--|--|
| <input checked="" type="checkbox"/> *Plant: adherence of leaf sheath | strong | weak | weak |
| <input type="checkbox"/> *Internode: shape | slightly conoidal | conoidal | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 152A, 152B, 152D; Greyed-Yellow 160A; Greyed-Orange 177B | Yellow-Green 152C, 152D; Greyed-Yellow 162B; Grey-Brown 199A | Yellow-Green 144A, 152B, 152D; Greyed-Yellow 162B; Greyed-Red 178A; Grey-Brown N199C |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A to 144B; Greyed-Yellow 160A, 160B, 161A | Yellow-Green 144A, N144B; Greyed-Yellow 162C | Yellow-Green 152D, 151A, N144A; Greyed-Yellow 160A |
| <input type="checkbox"/> Internode: depth of growth crack | shallow to medium | medium to deep | medium to deep |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | moderate | weak to moderate |
| <input type="checkbox"/> Internode: waxiness | weak to medium | weak | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium | narrow to medium |
| <input type="checkbox"/> *Node: shape of bud | oval to obovate | ovate | ovate |
| <input type="checkbox"/> Node: bud prominence | medium | medium | weak to medium |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | shallow | shallow to medium |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | clearly below | clearly below | intermediate |
| <input type="checkbox"/> Node: bud cushion | narrow to medium | absent or very narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | narrow to medium | narrow to medium | narrow to medium |
| <input checked="" type="checkbox"/> Leaf sheath: number of hairs | many | absent or very few | very few to few |
| <input type="checkbox"/> Leaf sheath: length of hairs | long | | short to medium |
| <input type="checkbox"/> Leaf sheath: distribution of hairs | only dorsal | | only dorsal |
| <input type="checkbox"/> Leaf sheath: shape of ligule | crescent-shaped and bow-shaped | crescent-shaped | deltoid |
| <input type="checkbox"/> Leaf sheath: ligule width | narrow | medium | medium |

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

Statistical Table

| Organ/Plant Part: Context | 'WSRA17' | 'Q208' | 'Q253' |
|---|-----------------|---------------|---------------|
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 17.92 | 16.74 | 15.79 |
| Std. Deviation | 2.95 | 2.54 | 1.63 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 21.36 | 22.71 | 25.10 |
| Std. Deviation | 2.17 | 1.84 | 2.48 |
| LSD/sig | 2.15 | ns | P≤0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.56 | 9.84 | 9.12 |
| Std. Deviation | 0.98 | 1.25 | 0.75 |
| LSD/sig | 0.91 | ns | ns |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 6.60 | 6.77 | 8.11 |
| Std. Deviation | 0.74 | 0.75 | 0.93 |
| LSD/sig | 1.23 | ns | P≤0.01 |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2019/195 | |
| Variety Name | 'SRAW18' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 04 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD and Wilmar Sugar Pty Ltd, Townsville, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradox 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Wilmar in 2007 between the seed parent 'Q208' and the pollen parent 'QBYN04-26272'. Seed was collected from the pollinated female inflorescences and stored for germination in 2007. The variety has since been evaluated and selected by Wilmar and Sugar Research Australia in yield trials on the Kalamia and SRA stations and sites within the sugarcane growing area in the Burdekin, Herbert and NSW regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia and Wilmar Sugar Pty Ltd. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | ovate |
| Internode | colour where not exposed to sun | yellow-green |

| | | |
|--|-----------------|----------------|
| Internode | cross-section | ovate/circular |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| ‘BN81-1394’ | | |
| ‘SRA9’ | | |

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

| Organ/Plant Part: Context | ‘SRAW18’ | ‘BN81-1394’ | ‘SRA9’ |
|---|--|---|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | strong | medium to strong | weak to medium |
| <input type="checkbox"/> *Internode: shape | concave-convex to conoidal | slightly conoidal | bobbin-shaped |
| <input type="checkbox"/> Internode: cross-section | ovate | ovate | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 152D; Greyed-Yellow 160A; Greyed-Orange 174A; Greyed-Red 178A; Grey-Brown N199B | Yellow-Green 152D, 153D; Greyed-Orange 165A, 175A, 177A | Red-Purple 59A; Yellow-Green 152A, 152D; Greyed-Yellow 161A; Greyed-Orange 174A; Greyed-Red 178A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, N144A; Greyed-Yellow 160A, 160B; Grey-Brown 199A | Yellow-Green N144A, 144A, 144B; Greyed-Orange 177A | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B; Grey-Brown N199B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | weak to moderate | moderate |
| <input type="checkbox"/> Internode: waxiness | medium | medium | weak to medium |
| <input type="checkbox"/> Node: wax ring | medium to wide | medium | medium |
| <input type="checkbox"/> *Node: shape of bud | ovate | oval | triangular-pointed to ovate |
| <input type="checkbox"/> Node: bud prominence | weak to medium | medium to strong | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | clearly below | clearly below | intermediate |
| <input type="checkbox"/> Node: bud cushion | medium | absent or very narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | wide | narrow to medium | medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | medium to many | few | absent or very few |
| <input type="checkbox"/> Leaf sheath: length of hairs | medium | short to medium | medium |

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

Statistical Table

| Organ/Plant Part: Context | 'SRAW18' | 'BN81-1394' | 'SRA9' |
|---|-----------------|--------------------|---------------|
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 17.89 | 17.49 | 16.65 |
| Std. Deviation | 2.74 | 2.95 | 2.02 |
| LSD/sig | 2.75 | ns | ns |
| <input type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 22.23 | 21.56 | 23.54 |
| Std. Deviation | 2.10 | 2.12 | 2.89 |
| LSD/sig | 2.15 | ns | ns |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 12.62 | 8.52 | 9.05 |
| Std. Deviation | 1.19 | 0.72 | 0.49 |
| LSD/sig | 0.91 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 8.46 | 6.96 | 7.29 |
| Std. Deviation | 1.05 | 0.83 | 0.96 |
| LSD/sig | 1.23 | P≤0.01 | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| Details of Application | | |
|---|---|--|
| Application Number | 2019/185 | |
| Variety Name | 'SRA26' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | N/A | |
| Accepted Date | 4 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2007 between the seed parent 'QN97-2122' and the pollen parent 'Q146'. Seed was collected from the pollinated female inflorescences and stored for germination in 2008. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | ovate |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | circular |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Q251' | |
| 'Q138' | |

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

| Organ/Plant Part: Context | 'SRA26' | 'Q138' | 'Q251' |
|---|---|--|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | weak to medium | weak to medium | weak |
| <input type="checkbox"/> *Internode: shape | bobbin-shaped | slightly conoidal | cylindrical |
| <input type="checkbox"/> Internode: cross-section | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 152A, 152B; Greyed-Yellow 160A; Greyed-Orange 174A, 176A, 177A | Yellow-Green N144A, 152B, 152D; Greyed-Orange 174A, 175B | Yellow-Green 152D; Greyed-Purple 183A, 187B; Grey-Brown N199A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 160C | Yellow-Green N144A, 144A, 151A, 152D; Greyed-Yellow 160A | Yellow-Green 144A, N144A; Greyed-Yellow 160A, 161A; Greyed-Orange 177C to 177D |
| <input type="checkbox"/> Internode: depth of growth crack | very shallow to shallow | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | moderate to strong | weak to moderate | weak |
| <input type="checkbox"/> Internode: waxiness | medium | very weak to weak | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium to wide | narrow |
| <input type="checkbox"/> *Node: shape of bud | ovate | oval | pentagonal |
| <input type="checkbox"/> Node: bud prominence | strong | weak to medium | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | shallow to medium | shallow | absent or very shallow |
| <input type="checkbox"/> Node: length of bud groove | medium to long | short | medium |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | clearly below | clearly below |
| <input type="checkbox"/> Node: bud cushion | narrow to medium and wide | absent or very narrow | narrow to medium |
| <input type="checkbox"/> Node: width of bud wing | medium to wide | narrow to medium | narrow to medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | medium to many | medium | many |
| <input type="checkbox"/> Leaf sheath: length of hairs | medium to long | medium | medium to long |

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

Statistical Table

| Organ/Plant Part: Context | 'SRA26' | 'Q138' | 'Q251' |
|---|----------------|---------------|---------------|
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 281.00 | 272.58 | 268.80 |
| Std. Deviation | 14.79 | 19.09 | 16.35 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 15.53 | 18.11 | 17.57 |
| Std. Deviation | 1.56 | 2.21 | 2.84 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 25.22 | 22.73 | 28.18 |
| Std. Deviation | 2.10 | 1.97 | 1.94 |
| LSD/sig | 2.15 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 11.79 | 10.63 | 11.44 |
| Std. Deviation | 1.30 | 0.68 | 0.73 |
| LSD/sig | 0.91 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 9.70 | 6.02 | 7.11 |
| Std. Deviation | 0.95 | 0.45 | 0.95 |
| LSD/sig | 1.23 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 33.13 | 28.77 | 29.60 |
| Std. Deviation | 2.46 | 1.81 | 1.70 |
| LSD/sig | 3.74 | ns | ns |

| | | | |
|---|--------|--------|--------|
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 46.50 | 50.49 | 51.79 |
| Std. Deviation | 4.24 | 3.53 | 4.61 |
| LSD/sig | 4.75 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 3.19 | 4.47 | 4.13 |
| Std. Deviation | 0.41 | 0.49 | 0.70 |
| LSD/sig | 0.78 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 14.76 | 11.42 | 12.86 |
| Std. Deviation | 1.95 | 1.21 | 2.29 |
| LSD/sig | 2.71 | P≤0.01 | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 153.20 | 143.50 | 164.32 |
| Std. Deviation | 9.06 | 7.78 | 14.06 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|--|---|--|
| Details of Application | | |
| Application Number | 2019/184 | |
| Variety Name | 'SRA21' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 4 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2004 between the seed parent 'QC82-663' and the pollen parent 'Q205'. Seed was collected from the pollinated female inflorescences and stored for germination in 2005. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | ovate |
| Node | shape of bud | ovate |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Q253' | |
| 'Q238' | |

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

| Organ/Plant Part: Context | 'SRA21' | 'Q238' | 'Q253' |
|---|---|--|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium | weak to medium | weak |
| <input type="checkbox"/> *Internode: shape | concave-convex | concave-convex | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | ovate | ovate | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 144A, 152B, 152C; Greyed-Orange 166A; Grey-Brown N199C | Yellow-Green 144A, N144A, 152C; Greyed-Yellow 161A | Yellow-Green 144A, 152B, 152D; Greyed-Yellow 162B; Greyed-Red 178A; Grey-Brown N199C |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 161A | Yellow-Green N144A, 144A&B, 152D; Greyed-Yellow 160A | Yellow-Green 152D, 151A, N144A; Greyed-Yellow 160A |
| <input type="checkbox"/> Internode: depth of growth crack | medium | shallow to medium | medium to deep |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | moderate | weak to moderate |
| <input type="checkbox"/> Internode: waxiness | weak to medium | weak | medium |
| <input type="checkbox"/> Node: wax ring | medium | medium | narrow to medium |
| <input type="checkbox"/> *Node: shape of bud | ovate | round | ovate |
| <input type="checkbox"/> Node: bud prominence | strong | weak to medium | weak to medium |
| <input type="checkbox"/> Node: depth of bud groove | shallow | shallow | shallow to medium |
| <input type="checkbox"/> Node: length of bud groove | short to medium | short | medium |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | clearly below | intermediate |
| <input type="checkbox"/> Node: bud cushion | absent or very narrow | absent or very narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | narrow to medium | narrow to medium | narrow to medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | medium | medium | very few to few |
| <input type="checkbox"/> Leaf sheath: length of hairs | medium | medium | short to medium |
| <input type="checkbox"/> Leaf sheath: distribution of hairs | only dorsal | lateral and dorsal | only dorsal |
| <input checked="" type="checkbox"/> Leaf sheath: shape of ligule | crescent-shaped | crescent-shaped | deltoid |
| <input checked="" type="checkbox"/> Leaf sheath: ligule width | wide | narrow | medium |

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

Statistical Table

| Organ/Plant Part: Context | 'SRA21' | 'Q238' | 'Q253' |
|--|----------------|---------------|---------------|
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 293.14 | 262.86 | 285.03 |
| Std. Deviation | 23.31 | 19.73 | 33.10 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 16.64 | 17.01 | 15.79 |
| Std. Deviation | 1.79 | 1.62 | 1.63 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 28.95 | 24.20 | 25.10 |
| Std. Deviation | 3.52 | 2.02 | 2.48 |
| LSD/sig | 2.15 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.52 | 10.35 | 9.12 |
| Std. Deviation | 0.97 | 0.90 | 0.75 |
| LSD/sig | 0.91 | ns | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 8.24 | 7.93 | 8.11 |
| Std. Deviation | 0.85 | 1.10 | 0.93 |
| LSD/sig | 1.23 | ns | ns |
| <input checked="" type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 35.04 | 29.90 | 26.83 |
| Std. Deviation | 2.44 | 1.79 | 1.98 |
| LSD/sig | 3.74 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 40.85 | 46.14 | 42.06 |
| Std. Deviation | 4.54 | 3.92 | 4.41 |
| LSD/sig | 4.75 | ns | ns |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 3.71 | 4.52 | 3.49 |
| Std. Deviation | 0.66 | 0.45 | 0.52 |
| LSD/sig | 0.78 | ns | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 11.26 | 10.26 | 12.31 |

| | | | |
|--|--------|--------|--------|
| Std. Deviation | 1.84 | 1.36 | 1.39 |
| LSD/sig | 2.71 | ns | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 157.21 | 142.38 | 152.24 |
| Std. Deviation | 15.26 | 9.21 | 11.46 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | |
|--|---|
| Details of Application | |
| Application Number | 2019/179 |
| Variety Name | 'QN08-1161' |
| Genus Species | <i>Saccharum</i> hybrid |
| Common Name | Sugarcane |
| Synonym | Nil |
| Accepted Date | 03 Oct 2019 |
| Applicant | Sugar Research Australia, Indooroopilly, QLD |
| Agent | N/A |
| Qualified Person | George Piperidis |
| Details of Comparative Trial | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. |
| RHS Chart - edition | 2001 |
| Origin and Breeding | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2007 between the seed parent 'Q208' and the pollen parent 'CP94-1607'. Seed was collected from the pollinated female inflorescences and stored for germination in 2008. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the Northern regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited. | |

| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
|---|---------------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | oval |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | ovate |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Q241' | | |
| 'Q238' | | |
| 'Q250' | | |

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

| Organ/Plant Part: Context | 'QN08-1161' | 'Q238' | 'Q241' | 'Q250' |
|---|---|--|---|---|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium to strong | weak to medium | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | bobbin-shaped | concave-convex | slightly concave-convex | slightly conoidal |
| <input type="checkbox"/> Internode: cross-section | ovate | ovate | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 144A, 152C; Greyed-Yellow 160A; Grey-Brown N199C; Brown 200D | Yellow-Green 144A, N144A, 152C; Greyed-Yellow 161A | Red-Purple 59A; Yellow-Green 152A, 152D; Greyed-Purple 183B | Yellow-Green 144A, 146C, 152C to 152D; Greyed-Orange 177B |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 160B, 161B | Yellow-Green N144A, 144A&B, 152D; Greyed-Yellow 160A | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B to 176C | Yellow-Green 144A to 144B, 152D; Greyed-Yellow 160A, 160B |
| <input checked="" type="checkbox"/> Internode: depth of growth crack | absent or very shallow | shallow to medium | shallow to medium | absent or very shallow |
| <input checked="" type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | moderate | very weak to weak | moderate |
| <input type="checkbox"/> Internode: waxiness | weak to medium | weak | very weak to weak | weak |
| <input checked="" type="checkbox"/> Node: wax ring | wide to very wide | medium | very narrow to narrow | medium |
| <input type="checkbox"/> *Node: shape of bud | oval | round | pentagonal | round |
| <input type="checkbox"/> Node: bud prominence | medium to strong | weak to medium | medium to strong | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | shallow | shallow | absent or very shallow | absent or very shallow |

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

Statistical Table

| Organ/Plant Part: Context | ‘QN08-1161’ | ‘Q238’ | ‘Q241’ | ‘Q250’ |
|--|--------------------|---------------|---------------|---------------|
| <input type="checkbox"/> Culm: height (cm) | | | | |
| Mean | 268.52 | 262.86 | 277.31 | 288.30 |
| Std. Deviation | 21.55 | 19.73 | 18.49 | 16.36 |
| LSD/sig | 39.88 | ns | ns | ns |
| <input checked="" type="checkbox"/> Internode: length on the bud side (cm) | | | | |
| Mean | 18.58 | 17.01 | 18.03 | 14.93 |
| Std. Deviation | 1.80 | 1.62 | 3.26 | 2.19 |
| LSD/sig | 2.75 | ns | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | | |
| Mean | 25.12 | 24.20 | 21.35 | 23.77 |
| Std. Deviation | 1.41 | 2.02 | 2.00 | 2.37 |
| LSD/sig | 2.15 | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | | |

| | | | | |
|--|--------|--------|--------|--------|
| Mean | 10.53 | 10.35 | 9.40 | 9.85 |
| Std. Deviation | 0.74 | 0.90 | 1.41 | 1.23 |
| LSD/sig | 0.91 | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | | |
| Mean | 6.07 | 7.93 | 7.52 | 7.07 |
| Std. Deviation | 0.45 | 1.10 | 0.90 | 0.79 |
| LSD/sig | 1.23 | P≤0.01 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | | |
| Mean | 28.16 | 29.90 | 30.90 | 28.13 |
| Std. Deviation | 1.37 | 1.79 | 2.87 | 2.08 |
| LSD/sig | 3.74 | ns | ns | ns |
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | | |
| Mean | 40.76 | 46.14 | 48.00 | 44.50 |
| Std. Deviation | 3.10 | 3.92 | 5.66 | 3.55 |
| LSD/sig | 4.75 | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Leaf: midrib width (mm) | | | | |
| Mean | 3.23 | 4.52 | 3.93 | 3.61 |
| Std. Deviation | 0.43 | 0.45 | 0.63 | 0.47 |
| LSD/sig | 0.78 | P≤0.01 | ns | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | | |
| Mean | 12.77 | 10.26 | 12.44 | 12.47 |
| Std. Deviation | 1.29 | 1.36 | 1.58 | 1.38 |
| LSD/sig | 2.71 | ns | ns | ns |
| <input checked="" type="checkbox"/> Leaf blade: length (cm) | | | | |
| Mean | 157.08 | 142.38 | 130.83 | 130.27 |
| Std. Deviation | 9.04 | 9.21 | 10.00 | 8.10 |
| LSD/sig | 14.25 | ns | P≤0.01 | P≤0.01 |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|--|--|--|
| Details of Application | | |
| Application Number | 2019/183 | |
| Variety Name | 'SRA25' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 03 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rain fed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Side dress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback cane grub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2007 between the seed parent 'Q241' and the pollen parent 'QC89-432'. Seed was collected from the pollinated female inflorescences and stored for germination in 2008. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | oval |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | circular |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|--------------------------|
| Name | Comments |
| 'Q241' | female parent of 'SRA25' |
| 'Q250' | |

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

| Organ/Plant Part: Context | 'SRA25' | 'Q241' | 'Q250' |
|---|---|---|---|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | medium to strong | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | conoidal to concave-convex | slightly concave-convex | slightly conoidal |
| <input type="checkbox"/> Internode: cross-section | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 152B, 152C; Greyed-Yellow 160A; Greyed-Orange 177B; Grey-Brown N199D | Red-Purple 59A; Yellow-Green 152A, 152D; Greyed-Purple 183B | Yellow-Green 144A, 146C, 152C to 152D; Greyed-Orange 177B |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 152B, 152C, 152D; Greyed-Yellow 160A | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B to 176C | Yellow-Green 144A to 144B, 152D; Greyed-Yellow 160A, 160B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | shallow to medium | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak to moderate | very weak to weak | moderate |
| <input type="checkbox"/> Internode: waxiness | weak | very weak to weak | weak |
| <input type="checkbox"/> Node: wax ring | medium | very narrow to narrow | medium |
| <input type="checkbox"/> *Node: shape of bud | oval | pentagonal | round |
| <input type="checkbox"/> Node: bud prominence | weak to medium | medium to strong | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | medium | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> Node: length of bud groove | medium to long | medium | medium |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | intermediate | intermediate |
| <input type="checkbox"/> Node: bud cushion | absent or very narrow | absent or very narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | narrow | medium | medium to wide |
| <input type="checkbox"/> Leaf sheath: number of hairs | very few to few | few | absent or very few |

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

| Statistical Table | | | |
|---|----------------|---------------|---------------|
| Organ/Plant Part: Context | 'SRA25' | 'Q241' | 'Q250' |
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 302.57 | 277.31 | 288.30 |
| Std. Deviation | 15.84 | 18.49 | 16.36 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 17.23 | 18.03 | 14.93 |
| Std. Deviation | 1.74 | 3.26 | 2.19 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 20.56 | 21.35 | 23.77 |
| Std. Deviation | 1.67 | 2.00 | 2.37 |
| LSD/sig | 2.15 | ns | P<0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.38 | 9.40 | 9.85 |
| Std. Deviation | 0.83 | 1.41 | 1.23 |
| LSD/sig | 0.91 | ns | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.41 | 7.52 | 7.07 |
| Std. Deviation | 0.94 | 0.90 | 0.79 |
| LSD/sig | 1.23 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 32.43 | 30.90 | 28.13 |
| Std. Deviation | 2.54 | 2.87 | 2.08 |
| LSD/sig | 3.74 | ns | ns |
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 37.71 | 48.00 | 44.50 |
| Std. Deviation | 3.37 | 5.66 | 3.55 |
| LSD/sig | 4.75 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |

| | | | |
|--|--------|--------|--------|
| Mean | 3.13 | 3.93 | 3.61 |
| Std. Deviation | 0.45 | 0.63 | 0.47 |
| LSD/sig | 0.78 | ns | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 12.24 | 12.44 | 12.47 |
| Std. Deviation | 1.80 | 1.58 | 1.38 |
| LSD/sig | 2.71 | ns | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 138.73 | 130.83 | 130.27 |
| Std. Deviation | 10.38 | 10.00 | 8.10 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2019/182 | |
| Variety Name | 'SRA22' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 03 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2003 between the seed parent 'QS91-7179' and the pollen parent 'CP72-2086'. Seed was collected from the pollinated female inflorescences and stored for germination in 2004. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Southern and Central regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | round |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | ovate |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'Q138' | |
| 'Q238' | |

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

| Organ/Plant Part: Context | 'SRA22' | 'Q138' | 'Q238' |
|---|---|--|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | weak | weak to medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | concave-convex | slightly conoidal | concave-convex |
| <input type="checkbox"/> Internode: cross-section | ovate | circular | ovate |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Yellow-Green 152C, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 177C | Yellow-Green N144A, 152B, 152D; Greyed-Orange 174A, 175B | Yellow-Green 144A, N144A, 152C; Greyed-Yellow 161A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 152D; Greyed-Yellow 160A, 160B | Yellow-Green N144A, 144A, 151A, 152D; Greyed-Yellow 160A | Yellow-Green N144A, 144A&B, 152D; Greyed-Yellow 160A |
| <input type="checkbox"/> Internode: depth of growth crack | medium | absent or very shallow | shallow to medium |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | moderate | weak to moderate | moderate |
| <input type="checkbox"/> Internode: waxiness | weak | very weak to weak | weak |
| <input type="checkbox"/> Node: wax ring | medium | medium to wide | medium |
| <input type="checkbox"/> *Node: shape of bud | round | oval | round |
| <input type="checkbox"/> Node: bud prominence | weak | weak to medium | weak to medium |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | shallow | shallow |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | clearly below | clearly below | clearly below |
| <input type="checkbox"/> Node: bud cushion | absent or very narrow | absent or very narrow | absent or very narrow |
| <input type="checkbox"/> Node: width of bud wing | narrow | narrow to medium | narrow to medium |
| <input type="checkbox"/> Leaf sheath: number of hairs | medium | medium | medium |
| <input type="checkbox"/> Leaf sheath: length of hairs | medium | medium | medium |
| <input type="checkbox"/> Leaf sheath: distribution of hairs | only dorsal | only dorsal | lateral and dorsal |
| <input type="checkbox"/> Leaf sheath: shape of ligule | crescent-shaped | crescent-shaped | crescent-shaped |
| <input checked="" type="checkbox"/> Leaf sheath: ligule width | wide | wide | narrow |
| <input type="checkbox"/> Leaf sheath: length of ligule hairs | short | short | short |
| <input type="checkbox"/> Leaf sheath: density of ligule hairs | medium | medium to dense | medium |
| <input type="checkbox"/> Leaf sheath: shape of underlapping auricle | lanceolate | lanceolate | lanceolate |

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

| Statistical Table | | | |
|--|----------------|---------------|---------------|
| Organ/Plant Part: Context | 'SRA22' | 'Q138' | 'Q238' |
| <input type="checkbox"/> Culm: height (cm) | | | |
| Mean | 293.86 | 272.58 | 262.86 |
| Std. Deviation | 15.37 | 19.09 | 19.73 |
| LSD/sig | 39.88 | ns | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | |
| Mean | 15.80 | 18.11 | 17.01 |
| Std. Deviation | 1.86 | 2.21 | 1.62 |
| LSD/sig | 2.75 | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | |
| Mean | 28.80 | 22.73 | 24.20 |
| Std. Deviation | 3.42 | 1.97 | 2.02 |
| LSD/sig | 2.15 | P<0.01 | P<0.01 |
| <input type="checkbox"/> Node: width of root band (mm) | | | |
| Mean | 9.62 | 10.63 | 10.35 |
| Std. Deviation | 1.40 | 0.68 | 0.90 |
| LSD/sig | 0.91 | ns | ns |
| <input type="checkbox"/> Node: width of bud (mm) | | | |
| Mean | 7.39 | 6.02 | 7.93 |
| Std. Deviation | 1.23 | 0.45 | 1.10 |
| LSD/sig | 1.23 | ns | ns |
| <input type="checkbox"/> Leaf sheath: length (cm) | | | |
| Mean | 28.48 | 28.77 | 29.90 |
| Std. Deviation | 1.84 | 1.81 | 1.79 |
| LSD/sig | 3.74 | ns | ns |
| <input type="checkbox"/> Leaf blade: width (mm) | | | |
| Mean | 45.35 | 50.49 | 46.14 |
| Std. Deviation | 3.95 | 3.53 | 3.92 |
| LSD/sig | 4.75 | ns | ns |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | |
| Mean | 4.73 | 4.47 | 4.52 |
| Std. Deviation | 0.77 | 0.49 | 0.45 |
| LSD/sig | 0.78 | ns | ns |
| <input type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | |
| Mean | 9.80 | 11.42 | 10.26 |
| Std. Deviation | 1.54 | 1.21 | 1.36 |
| LSD/sig | 2.71 | ns | ns |
| <input type="checkbox"/> Leaf blade: length (cm) | | | |
| Mean | 149.59 | 143.50 | 142.38 |

| | | | |
|----------------|-------|------|------|
| Std. Deviation | 8.49 | 7.78 | 9.21 |
| LSD/sig | 14.25 | ns | ns |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2019/181 | |
| Variety Name | 'SRA19' | |
| Genus Species | <i>Saccharum</i> hybrid | |
| Common Name | Sugarcane | |
| Synonym | Nil | |
| Accepted Date | 03 Oct 2019 | |
| Applicant | Sugar Research Australia, Indooroopilly, QLD | |
| Agent | N/A | |
| Qualified Person | George Piperidis | |
| Details of Comparative Trial | | |
| Location | Sugar Research Australia, 26135 Peak Downs Highway, Te Kowai, QLD | |
| Descriptor | Sugarcane (<i>Saccharum</i>) UPOV TG/186/1 | |
| Period | Planted 27 September 2018; Descriptions taken 3-5 September 2019. | |
| Conditions | Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Alluvial. Watering regime: rainfed. Fertiliser: Planter 3 applied 200kg/ha (28.6N 22.4P 18.8K 20S) at planting and Sidedress 2 applied at 400kg/ha, to total 133N 22.4P 104K 20S. Pesticide/Insecticides applied at planting: Shirtan 250mL/200L water (pineapple disease control), Astral250 95mL/50L water (wireworm control), SuSCon maxi 15kg/ha (greyback canegrub). Herbicides Residual Weed Control: 3L/ha Stomp and 2.2kg/ha Atradex 2/10/18 (pre-emergence control of grasses and pre-emergence and early post emergent control of broadleaf weeds and some grasses). | |
| Trial Design | Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows. | |
| Measurements | Taken from up to 10 stalks sampled randomly per plot. | |
| RHS Chart - edition | 2001 | |
| Origin and Breeding | | |
| Controlled pollination: The variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2001 between the seed parent 'QN86-640' and the pollen parent 'QN90-252'. Seed was collected from the pollinated female inflorescences and stored for germination in 2002. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa and Bundaberg stations and sites within the sugarcane growing area in the Northern and Southern regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia. | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Node | shape of bud | ovate |
| Internode | colour where not exposed to sun | yellow-green |
| Internode | cross-section | ovate |

| Most Similar Varieties of Common Knowledge identified (VCK) | |
|--|-----------------|
| Name | Comments |
| 'SRA11' | |
| 'SRA6' | |
| 'Q253' | |

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

| Organ/Plant Part: Context | 'SRA19' | 'Q253' | 'SRA11' | 'SRA6' |
|---|---|--|--|--|
| <input type="checkbox"/> *Plant: adherence of leaf sheath | weak to medium | weak | medium | weak to medium |
| <input type="checkbox"/> *Internode: shape | bobbin-shaped and concave-convex | slightly concave-convex | slightly concave-convex | slightly concave-convex |
| <input type="checkbox"/> Internode: cross-section | ovate | circular | circular | circular |
| <input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart) | Red-Purple 59A; Yellow-Green 144A, 152C; Greyed-Orange 166A; Greyed-Purple 187B | Yellow-Green 144A, 152B, 152D; Greyed-Yellow 162B; Greyed-Red 178A; Grey-Brown N199C | Yellow-Green 144A, 152B; Greyed-Yellow 161B; Greyed-Orange 177B; Greyed-Red 178A; Greyed-Purple 187B | Yellow-Green 152B, 152D; Greyed-Yellow 160A, 161A; Greyed-Orange 176B; Greyed-Red 178A |
| <input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart) | Yellow-Green 144A, 152B, 152C; Greyed-Yellow 161A | Yellow-Green 152D, 151A, N144A; Greyed-Yellow 160A | Red-Purple 59A; Yellow-Green 144A; Greyed-Yellow 160A, 160B; Greyed-Orange 176C; Grey-Brown N199A to B | Yellow-Green 151A, 152C; Greyed-Yellow 160A, 160B |
| <input type="checkbox"/> Internode: depth of growth crack | absent or very shallow | medium to deep | absent or very shallow | absent or very shallow |
| <input type="checkbox"/> *Internode: expression of zigzag alignment | weak | weak to moderate | moderate | very weak to weak |
| <input type="checkbox"/> Internode: waxiness | medium | medium | medium | medium |
| <input type="checkbox"/> Node: wax ring | medium to wide | narrow to medium | medium to wide | medium |
| <input type="checkbox"/> *Node: shape of bud | ovate | ovate | oval | ovate |
| <input type="checkbox"/> Node: bud prominence | weak to medium | weak to medium | medium | medium to strong |
| <input type="checkbox"/> Node: depth of bud groove | absent or very shallow | shallow to medium | shallow to medium | shallow |
| <input type="checkbox"/> Node: bud tip in relation to growth ring | intermediate | intermediate | intermediate | intermediate |

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

Statistical Table

| Organ/Plant Part: Context | 'SRA19' | 'Q253' | 'SRA11' | 'SRA6' |
|---|---------|--------|---------|--------|
| <input type="checkbox"/> Culm: height (cm) | | | | |
| Mean | 269.20 | 285.03 | n/a | 250.10 |
| Std. Deviation | 18.57 | 33.10 | n/a | 20.71 |
| LSD/sig | 39.88 | ns | n/a | ns |
| <input type="checkbox"/> Internode: length on the bud side (cm) | | | | |
| Mean | 18.02 | 15.79 | 19.36 | 15.01 |
| Std. Deviation | 2.31 | 1.63 | 1.80 | 1.26 |
| LSD/sig | 2.75 | ns | ns | ns |
| <input checked="" type="checkbox"/> Internode: diameter (mm) | | | | |
| Mean | 23.34 | 25.10 | 26.71 | 24.53 |
| Std. Deviation | 2.14 | 2.48 | 1.76 | 2.15 |
| LSD/sig | 2.15 | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Node: width of root band (mm) | | | | |
| Mean | 10.22 | 9.12 | 8.98 | 9.65 |
| Std. Deviation | 1.02 | 0.75 | 0.41 | 1.16 |
| LSD/sig | 0.91 | P≤0.01 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Node: width of bud (mm) | | | | |
| Mean | 8.84 | 8.11 | 6.95 | 7.84 |
| Std. Deviation | 1.42 | 0.93 | 1.30 | 1.28 |
| LSD/sig | 1.23 | ns | P≤0.01 | ns |

| | | | | |
|---|--------|--------|-----|--------|
| <input type="checkbox"/> Leaf sheath: length (cm) | | | | |
| Mean | 25.03 | 26.83 | n/a | 29.30 |
| Std. Deviation | 1.69 | 1.98 | n/a | 1.42 |
| LSD/sig | 3.74 | ns | n/a | ns |
| <input checked="" type="checkbox"/> Leaf blade: width (mm) | | | | |
| Mean | 53.14 | 42.06 | n/a | 40.33 |
| Std. Deviation | 4.33 | 4.41 | n/a | 3.13 |
| LSD/sig | 4.75 | P≤0.01 | n/a | P≤0.01 |
| <input type="checkbox"/> Leaf: midrib width (mm) | | | | |
| Mean | 3.95 | 3.49 | n/a | 3.93 |
| Std. Deviation | 0.84 | 0.52 | n/a | 0.58 |
| LSD/sig | 0.78 | ns | n/a | ns |
| <input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width | | | | |
| Mean | 13.98 | 12.31 | n/a | 10.43 |
| Std. Deviation | 2.81 | 1.39 | n/a | 1.41 |
| LSD/sig | 2.71 | ns | n/a | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf blade: length (cm) | | | | |
| Mean | 116.65 | 152.24 | n/a | 141.41 |
| Std. Deviation | 9.45 | 11.46 | n/a | 10.83 |
| LSD/sig | 14.25 | P≤0.01 | n/a | P≤0.01 |

Prior Applications and Sales:

Nil.

Description: **George Piperidis**, Sugar Research Australia, Te Kowai, QLD.

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2015/247 | |
| Variety Name | 'DV' | |
| Genus Species | <i>Citrus sinensis</i> | |
| Common Name | Sweet Orange | |
| Accepted Date | 29 Mar 2016 | |
| Applicant | Carol Davidson, Leeton, NSW | |
| Agent | Variety Access Pty Ltd; Torbanlea, QLD, 4662 | |
| Qualified Person | Wayne Parr | |
| Details of Comparative Trial | | |
| Location | Stanbridge, NSW | |
| Descriptor | TG/202/1 | |
| Period | 2015 – 2018 | |
| Conditions | Field grown in rows under standard irrigation and fertiliser conditions | |
| Trial Design | Randomised block design | |
| Measurements | As per UPOV guidelines | |
| RHS Chart - edition | 6th edition | |
| Origin and Breeding | | |
| Spontaneous mutation: A branch of 'Newton Valencia' was observed to have fruit with very high TSS & LRB when compared to parent. Plant material was propagated through multiple generations and was found to be uniform and stable. Variety was then named DV. Breeder John Davidson, Leeton, NSW | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | type | valencia |
| Fruit | time of maturity | late season |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Kennen Valencia' | | |

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

| Organ/Plant Part: Context | 'DV' | 'Kennen Valencia' |
|--|---------------------|--------------------------|
| <input type="checkbox"/> *Tree: growth habit | spreading | spreading |
| <input type="checkbox"/> Tree: density of spines | absent or sparse | absent or sparse |
| <input type="checkbox"/> Tree: length of spines | very short to short | very short |
| <input checked="" type="checkbox"/> Leaf blade: length | medium | short |
| <input checked="" type="checkbox"/> Leaf blade: width | medium | narrow |
| <input checked="" type="checkbox"/> Leaf blade: ratio length/width | medium | small |

| | | | |
|-------------------------------------|---|--|--|
| <input type="checkbox"/> | Leaf blade: shape in cross section | strongly concave | strongly concave |
| <input type="checkbox"/> | Leaf blade: twisting | absent or weak | absent or weak |
| <input type="checkbox"/> | Leaf blade: blistering | absent or weak | absent or weak |
| <input type="checkbox"/> | Leaf blade: green colour | medium to dark | medium |
| <input type="checkbox"/> | Leaf blade: undulation of margin | absent or weak | absent or weak |
| <input type="checkbox"/> | Leaf blade: incisions of margin | crenate | crenate |
| <input type="checkbox"/> | Leaf blade: shape of apex | acuminate | acuminate |
| <input type="checkbox"/> | Leaf blade: emargination at tip | present | present |
| <input type="checkbox"/> | Petiole: length | medium | medium |
| <input type="checkbox"/> | Petiole: presence of wings | present | present |
| <input type="checkbox"/> | Petiole: width of wings (varieties with petiole wings present only) | narrow | narrow |
| <input type="checkbox"/> | *Fruit: length | medium to long | medium to long |
| <input type="checkbox"/> | *Fruit: diameter | medium | medium |
| <input type="checkbox"/> | *Fruit: ratio length/diameter | medium | |
| <input type="checkbox"/> | *Fruit: position of broadest part | towards distal end | towards distal end |
| <input type="checkbox"/> | Fruit: general shape of proximal part | flattened | flattened |
| <input checked="" type="checkbox"/> | *Fruit: presence of depression at stalk end (varieties without fruit neck only) | present | absent |
| <input type="checkbox"/> | Fruit: depth of depression at stalk end (varieties without fruit neck only) | very shallow to shallow | very shallow to shallow |
| <input type="checkbox"/> | Fruit: number of radial grooves at stalk end | many | intermediate |
| <input type="checkbox"/> | Fruit: length of radial grooves at stalk end | short to medium | short to medium |
| <input type="checkbox"/> | Fruit: presence of collar | absent | absent |
| <input type="checkbox"/> | Fruit: general shape of distal part | slightly rounded | flattened |
| <input type="checkbox"/> | *Fruit: presence of depression at distal end | present | present |
| <input type="checkbox"/> | *Fruit: presence of areola | absent | absent |
| <input type="checkbox"/> | Fruit: diameter of stylar scar | very small | very small |
| <input type="checkbox"/> | Fruit: persistence of style | none | none |
| <input type="checkbox"/> | Fruit: presence of navel opening | absent | absent |
| <input type="checkbox"/> | Fruit: bulging of navel | absent or weak | |
| <input type="checkbox"/> | Fruit: colour variegation | absent | absent |
| <input type="checkbox"/> | *Fruit surface: predominant colour(s) | medium orange | medium orange |
| <input type="checkbox"/> | Fruit surface: roughness | medium | medium |
| <input type="checkbox"/> | Fruit surface: size of oil glands | larger ones interspersed by smaller ones | larger ones interspersed by smaller ones |
| <input type="checkbox"/> | Fruit surface: size of larger oil glands | medium | medium |
| <input type="checkbox"/> | Fruit surface: conspicuousness of larger oil glands | medium | weak to medium |

| | | |
|---|----------------------------------|------------------------------|
| <input type="checkbox"/> Fruit surface: presence of pitting and pebbling on oil glands | pitting present, pebbling absent | pitting and pebbling present |
| <input type="checkbox"/> Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | medium | medium |
| <input checked="" type="checkbox"/> *Fruit rind: thickness | medium | thick |
| <input type="checkbox"/> Fruit rind: strength | medium to strong | medium to strong |
| <input type="checkbox"/> Fruit: colour of albedo | white | white |
| <input type="checkbox"/> Fruit: differently coloured specks in flesh | absent | absent |
| <input type="checkbox"/> Fruit: bicoloured segments | absent | absent |
| <input type="checkbox"/> *Fruit: main colour of flesh | dark orange | medium orange |
| <input checked="" type="checkbox"/> Fruit: filling of core | medium | sparse |
| <input type="checkbox"/> Fruit: diameter of core | medium | medium |
| <input type="checkbox"/> Fruit: presence of rudimentary segments | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> Fruit: coherence of adjacent segment walls | strong | weak to medium |
| <input type="checkbox"/> Fruit: strength of segment walls | medium to strong | medium to strong |
| <input checked="" type="checkbox"/> Fruit: length of juice vesicles | long | short |
| <input type="checkbox"/> Fruit: thickness of juice vesicles | thin to medium | medium |
| <input type="checkbox"/> Fruit: conspicuousness of juice vesicle walls | medium | medium |
| <input type="checkbox"/> Fruit: coherence of juice vesicles | medium to strong | medium to strong |
| <input type="checkbox"/> *Fruit: presence of navel (viewed internally) | absent or very rare | absent or very rare |
| <input type="checkbox"/> Fruit: size of navel (viewed internally) | very small | very small |
| <input checked="" type="checkbox"/> Fruit: juiciness | high | low to medium |
| <input type="checkbox"/> *Seed: polyembryony | present | present |
| <input type="checkbox"/> Seed: length | medium | short to medium |
| <input type="checkbox"/> Seed: width | medium | medium to broad |
| <input type="checkbox"/> Seed: surface | wrinkled | wrinkled |
| <input type="checkbox"/> Seed: prominence of wrinkles (varieties with seed: surface wrinkled only) | medium | medium |
| <input type="checkbox"/> Seed: external colour | brownish | brownish |
| <input type="checkbox"/> Seed: colour of inner seed coat | medium brown | medium brown |
| <input checked="" type="checkbox"/> Seed: colour of cotyledons (varieties with seed: polyembryony present only) | light green | white |

Prior Applications and Sales:

Nil

Description: **Wayne Parr**, Torbanlea, QLD

| Details of Application | | |
|---|---|--|
| Application Number | 2018/166 | |
| Variety Name | 'Big Dreams' | |
| Genus Species | <i>Armeria pseudarmeria</i> | |
| Common Name | Thrift | |
| Accepted Date | 04 Jul 2018 | |
| Applicant | Plant Growers Australia, Wonga Park, VIC | |
| Agent | Plants Management Australia Pty. Ltd., Dodges Ferry, TAS | |
| Qualified Person | Steve Eggleton | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | PBR ARME Armeria | |
| Period | February 2019 to October 2019 | |
| Conditions | Trial conducted in the open with overhead irrigation, plants propagated from cutting in February 2019 and transferred into 140mm pots in May 2019. Pots 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 | | |
| Self pollination: Pollination occurred with the maternal parent 'IB 702-1 -White (breeders non commercial variety). As part of an ongoing <i>Armeria</i> breeding program with the focus of bringing more upright flowering stems and large flowers. In 2007 the maternal parent, which exhibited white flowers on a short peduncles but a poor plant habit was self pollinated. From this cross seedlings were raised in February 2008 and raised to flowering maturity in October. Five selections were made on the basis of flower colour and inflorescence size and further grown for another year. Only one, the candidate, was selected for further growing trials due to its large and grounded inflorescence, pale pink/mauve flower colour and domed plant habit. Final selection for commercialization occurred in 2014. All subsequent generations have remained uniform and stable. Breeder: Steve Eggleton | | |
| 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 |
| Peduncle | habit | erect |
| Peduncle | rigidity | strong |
| Flower | colour group | pink |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Sweet Dreams' | | |
| 'Daydream' | | |
| 'Bees Ruby' | | |

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

| Organ/Plant Part: Context | 'Big Dreams' | 'Bees Ruby' | 'Daydream' | 'Sweet Dreams' |
|--|---------------------|--------------------|---------------------|-----------------------|
| <input checked="" type="checkbox"/> Plant: density | sparse | dense to medium | medium | dense to medium |
| <input type="checkbox"/> Leaf: shape | oblanceolate | linear | oblanceolate | oblanceolate |
| <input checked="" type="checkbox"/> Leaf: shape of cross-section | flat | medium concave | medium concave | medium concave |
| <input checked="" type="checkbox"/> Leaf: intensity of grey colour of foliage | weak | very weak | very weak | very weak |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent | absent |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | N137A | N137A | N137A | N137D |
| <input checked="" type="checkbox"/> Inflorescences: diameter | large | large | medium | medium |
| <input type="checkbox"/> Inflorescences: anthocyanin colouration of bract | weak to medium | weak to medium | weak to medium | very weak to weak |
| <input type="checkbox"/> Inflorescences: shape | globular | globular | globular | globular |
| <input type="checkbox"/> Peduncle: habit | erect | erect | erect | erect |
| <input type="checkbox"/> Peduncle: rigidity | strong | strong | strong | strong |
| <input checked="" type="checkbox"/> Peduncle: degree of hairiness | absent or very low | medium to high | low | medium to high |
| <input type="checkbox"/> Petal: shape of apex | emarginate | emarginate | emarginate | emarginate |
| <input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart) | N74C | N66B | 68B | N74D |
| <input type="checkbox"/> Bract: length | long to very long | short to medium | very short to short | very short to short |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Big Dreams' | 'Bees Ruby' | 'Daydream' | 'Sweet Dreams' |
|--|---------------------|--------------------|-------------------|-----------------------|
| <input checked="" type="checkbox"/> Leaf: width | wide | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: length | long | medium to long | medium | medium |
| <input checked="" type="checkbox"/> Peduncle: height | medium to tall | medium to tall | short | short |
| <input type="checkbox"/> Flower: colour group | pink | pink | pink | pink |

Prior Applications and Sales:

First sold in Australia, July 2017

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

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2018/205 | |
| Variety Name | 'Daydream' | |
| Genus Species | <i>Armeria pseudarmeria</i> | |
| Common Name | Thrift | |
| Accepted Date | 25 Sep 2018 | |
| Applicant | Plant Growers Australia, Wonga Park, VIC | |
| Agent | Plants Management Australia Pty. Ltd., Dodges Ferry, TAS | |
| Qualified Person | Steve Eggleton | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | PBR ARME Armeria | |
| Period | February 2019 to October 2019 | |
| Conditions | Trial conducted in the open with overhead irrigation, plants propagated from cutting in February 2019 and transferred into 140mm pots in May 2019. Pots 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 | | |
| Cross pollination: Crossing occurred with the maternal parent 'IB 910-7 (breeders non commercial variety) and paternal parent IB 910-18. As part of an ongoing <i>Armeria</i> breeding program with the focus of bringing more upright short flowering stems and globular medium sized inflorescence. In 2010 the maternal parent, which exhibited bright pink flowers on tall length peduncles was crossed with paternal parent IB 910-18 having white flowers and tall peduncles. From this cross seedlings were raised in February 2011 and raised to flowering maturity in October. Several selections were made on the basis of flower colour and inflorescence size and further grown for another year. Only one, the candidate, was selected for further growing trials due to its globular medium inflorescence size, bright pink flower colour and short upright peduncles. Final selection for commercialization occurred in 2014. All subsequent generations have remained uniform and stable. Breeders: Steve Eggleton and Howard Bentley | | |
| 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 |
| Peduncle | habit | erect |
| Peduncle | rigidity | strong |
| Flower | colour group | pink |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Big Dreams' | | |
| 'Dreamboat' | | |
| 'Dreamland' | | |
| 'Sweet Dreams' | | |

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

| Organ/Plant Part: Context | ‘Daydream’ | ‘Big Dreams’ | ‘Dreamboat’ | ‘Dreamland’ | ‘Sweet Dreams’ |
|--|---------------------|---------------------|--------------------|--------------------|-----------------------|
| <input type="checkbox"/> Plant: density | medium | sparse | medium | medium | dense to medium |
| <input type="checkbox"/> Leaf: shape | oblanceolate | oblanceolate | oblanceolate | linear | oblanceolate |
| <input type="checkbox"/> Leaf: shape of cross-section | medium concave | flat | medium concave | medium concave | medium concave |
| <input type="checkbox"/> Leaf: intensity of grey colour of foliage | very weak | weak | very weak | very weak | very weak |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | N137A | N137C | N137A | N137D | N137D |
| <input type="checkbox"/> Inflorescences: diameter | medium | large | medium | medium | medium |
| <input type="checkbox"/> Inflorescences: anthocyanin colouration of bract | weak to medium | weak to medium | weak to medium | weak to medium | very weak to weak |
| <input type="checkbox"/> Inflorescences: shape | globular | globular | flattened | globular | globular |
| <input type="checkbox"/> Peduncle: habit | erect | erect | erect | erect | erect |
| <input type="checkbox"/> Peduncle: rigidity | strong | strong | strong | strong | strong |
| <input checked="" type="checkbox"/> Peduncle: degree of hairiness | low | absent or very low | absent or very low | absent or very low | medium to high |
| <input type="checkbox"/> Petal: shape of apex | emarginate | emarginate | truncate | obtuse | emarginate |
| <input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart) | 68B | N74C | 67B | 58B | N74D |
| <input checked="" type="checkbox"/> Bract: length | very short to short | long to very long | long | short to medium | very short to short |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Daydream’ | ‘Big Dreams’ | ‘Dreamboat’ | ‘Dreamland’ | ‘Sweet Dreams’ |
|---|-------------------|---------------------|--------------------|--------------------|-----------------------|
| <input type="checkbox"/> Leaf: width | medium | wide | medium | narrow | medium |
| <input type="checkbox"/> Leaf: length | medium | long | medium | short | medium |
| <input type="checkbox"/> Peduncle: height | short | medium to tall | short | short | short |
| <input type="checkbox"/> Flower: colour group | pink | pink | pink | pink | pink |

Prior Applications and Sales:

First sold in USA, October, 2016

Description: Steve Eggleton, Wonga Park, VIC

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2018/204 | |
| Variety Name | 'Dreamland' | |
| Genus Species | <i>Armeria pseudarmeria</i> | |
| Common Name | Thrift | |
| Accepted Date | 14 Aug 2018 | |
| Applicant | Plant Growers Australia, Wonga Park, VIC | |
| Agent | Plants Management Australia Pty. Ltd., Dodges Ferry, TAS | |
| Qualified Person | Steve Eggleton | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | PBR ARME Armeria | |
| Period | February 2019 to October 2019 | |
| Conditions | Trial conducted in the open with overhead irrigation, plants propagated from cutting in February 2019 and transferred into 140mm pots in May 2019. Pots 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 | | |
| <p>Cross pollination: Crossing occurred with the maternal parent 'Sweet Dreams' and paternal parent 'IB 108-1'. As part of an ongoing <i>Armeria</i> breeding program with the focus of bringing more upright short flowering stems and globular medium sized inflorescence. In 2012 the maternal parent, which exhibited pale pink/mauve flowers on short peduncles was crossed with paternal parent IB 108-1 having deep pink flowers and medium peduncles. From this cross seedlings were raised in February 2013 and raised to flowering maturity in October. Several selections were made on the basis of flower colour, peduncle length and inflorescence size and further grown for another year. One, the candidate, was selected for further growing trials due to its globular medium inflorescence size, salmon flower colour and short upright peduncles. Final selection for commercialization occurred in 2015. All subsequent generations have remained uniform and stable. Breeder: Steve Eggleton and Howard Bentley</p> | | |
| Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Peduncle | habit | erect |
| Peduncle | rigidity | strong |
| Flower | colour group | pink |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Sweet Dreams' | | |
| 'Daydream' | | |
| 'Big Dreams' | | |
| 'Bees Ruby' | | |

| | |
|-------------|--|
| ‘Dreamboat’ | |
|-------------|--|

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

| Organ/Plant Part: Context | ‘Dreamland’ | ‘Bees Ruby’ | ‘Big Dreams’ | ‘Daydream’ | ‘Dreamboat’ | ‘Sweet Dreams’ |
|--|--------------------|-----------------|--------------------|---------------------|--------------------|---------------------|
| <input type="checkbox"/> Plant: density | medium | dense to medium | sparse | medium | medium | dense to medium |
| <input checked="" type="checkbox"/> Leaf: shape | linear | linear | oblanceolate | oblanceolate | oblanceolate | oblanceolate |
| <input type="checkbox"/> Leaf: shape of cross-section | medium concave | medium concave | flat | medium concave | medium concave | medium concave |
| <input type="checkbox"/> Leaf: intensity of grey colour of foliage | very weak | very weak | weak | very weak | very weak | very weak |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | N137D | N137A | N137C | N137A | N137A | N137D |
| <input type="checkbox"/> Inflorescences: diameter | medium | large | large | medium | medium | medium |
| <input type="checkbox"/> Inflorescences: anthocyanin colouration of bract | weak to medium | weak to medium | weak to medium | weak to medium | weak to medium | very weak to weak |
| <input type="checkbox"/> Inflorescences: shape | globular | globular | globular | globular | flattened | globular |
| <input type="checkbox"/> Peduncle: habit | erect | erect | erect | erect | erect | erect |
| <input type="checkbox"/> Peduncle: rigidity | strong | strong | strong | strong | strong | strong |
| <input type="checkbox"/> Peduncle: degree of hairiness | absent or very low | medium to high | absent or very low | low | absent or very low | medium to high |
| <input checked="" type="checkbox"/> Petal: shape of apex | obtuse | emarginate | emarginate | emarginate | truncate | emarginate |
| <input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart) | 58B | N66B | N74C | 68B | 67B | N74D |
| <input type="checkbox"/> Bract: length | short to medium | short to medium | long to very long | very short to short | long | very short to short |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Dreamland’ | ‘Bees Ruby’ | ‘Big Dreams’ | ‘Daydream’ | ‘Dreamboat’ | ‘Sweet Dreams’ |
|--|-------------|----------------|----------------|------------|-------------|----------------|
| <input checked="" type="checkbox"/> Leaf: width | narrow | medium | wide | medium | medium | narrow |
| <input checked="" type="checkbox"/> Leaf: length | short | medium to long | long | medium | medium | short |
| <input checked="" type="checkbox"/> Peduncle: height | short | medium to tall | medium to tall | short | short | short |
| <input type="checkbox"/> Flower: colour group | pink | pink | pink | pink | pink | pink |

Prior Applications and Sales:

First sold in Australia, August 2017

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

| | | |
|---|---|--|
| Details of Application | | |
| Application Number | 2018/206 | |
| Variety Name | 'Sweet Dreams' | |
| Genus Species | <i>Armeria pseudarmeria</i> | |
| Common Name | Thrift | |
| Accepted Date | 25 Sep 2018 | |
| Applicant | Plant Growers Australia, Wonga Park, VIC | |
| Agent | Plants Management Australia Pty. Ltd., Dodges Ferry, TAS | |
| Qualified Person | Steve Eggleton | |
| Details of Comparative Trial | | |
| Location | Wonga Park, VIC | |
| Descriptor | PBR ARME Armeria | |
| Period | February 2019 to October 2019 | |
| Conditions | Trial conducted in the open with overhead irrigation, plants propagated from cutting in February 2019 and transferred into 140mm pots in May 2019. Pots 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 | | |
| Self pollination: Pollination occurred with the maternal parent 'IB 809-1 (breeders non commercial variety). As part of an ongoing <i>Armeria</i> breeding program with the focus of bringing more upright short flowering stems and globular medium sized inflorescence. In 2008 the maternal parent, which exhibited salmon flowers on medium length peduncles but a poor plant habit and flattened inflorescence was self pollinated. From this, seedlings were raised in February 2009 and raised to flowering maturity in October. Three selections were made on the basis of flower colour and inflorescence size and further grown for another year. Only one, the candidate, was selected for further growing trials due to its globular medium inflorescence size, pale pink/mauve flower colour and short upright peduncles. Final selection for commercialization occurred in 2014. All subsequent generations have remained uniform and stable. Breeders: Steve Eggleton and Howard Bentley | | |
| 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 |
| Peduncle | habit | erect |
| Peduncle | rigidity | strong |
| Flower | colour group | pink |
| Most Similar Varieties of Common Knowledge identified (VCK) | | |
| Name | Comments | |
| 'Big Dreams' | | |
| 'Daydream' | | |
| 'Dreamboat' | | |
| 'Dreamland' | | |

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

| Organ/Plant Part: Context | 'Sweet Dreams' | 'Big Dreams' | 'Daydream' | 'Dreamboat' | 'Dreamland' |
|--|-----------------------|---------------------|---------------------|--------------------|--------------------|
| <input checked="" type="checkbox"/> Plant: density | dense to medium | sparse | medium | medium | medium |
| <input type="checkbox"/> Leaf: shape | oblanceolate | oblanceolate | oblanceolate | oblanceolate | linear |
| <input type="checkbox"/> Leaf: shape of cross-section | medium concave | flat | medium concave | medium concave | medium concave |
| <input type="checkbox"/> Leaf: intensity of grey colour of foliage | very weak | weak | very weak | very weak | very weak |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | N137D | N137C | N137A | N137A | N137D |
| <input type="checkbox"/> Inflorescences: diameter | medium | large | medium | medium | medium |
| <input checked="" type="checkbox"/> Inflorescences: anthocyanin colouration of bract | very weak to weak | weak to medium | weak to medium | weak to medium | weak to medium |
| <input type="checkbox"/> Inflorescences: shape | globular | globular | globular | flattened | globular |
| <input type="checkbox"/> Peduncle: habit | erect | erect | erect | erect | erect |
| <input type="checkbox"/> Peduncle: rigidity | strong | strong | strong | strong | strong |
| <input checked="" type="checkbox"/> Peduncle: degree of hairiness | medium to high | absent or very low | low | absent or very low | absent or very low |
| <input type="checkbox"/> Petal: shape of apex | emarginate | emarginate | emarginate | truncate | obtuse |
| <input checked="" type="checkbox"/> Petal: colour of upper side (RHS colour chart) | N74D | N74C | 68B | 67B | 58B |
| <input checked="" type="checkbox"/> Bract: length | very short to short | long to very long | very short to short | long | short to medium |

| Characteristics Additional to the Descriptor/TG | | | | | |
|--|-----------------------|---------------------|-------------------|--------------------|--------------------|
| Organ/Plant Part: Context | 'Sweet Dreams' | 'Big Dreams' | 'Daydream' | 'Dreamboat' | 'Dreamland' |
| <input type="checkbox"/> Leaf: width | medium | wide | medium | medium | narrow |
| <input type="checkbox"/> Leaf: length | medium | long | medium | medium | short |
| <input type="checkbox"/> Peduncle: height | short | medium to tall | short | short | short |
| <input type="checkbox"/> Flower: colour group | pink | pink | pink | pink | pink |

Prior Applications and Sales:

First sold in the USA, June 2016

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

GRANTS:

Acer palmatum

CUT LEAF JAPANESE MAPLE

'Globe'^ϕ

Application No: 2016/339

Applicant: **Colin James**

Certificate No: 6298 Expiry Date: 5/03/2040.

Agent: **J.F.T. Nurseries P/L**, Monbulk, VIC.

Agapanthus hybrid

AGAPANTHUS

'Agapetite'^ϕ

Application No: 2011/308

Applicant: **Johannes and Teresa van der Elst**

Certificate No: 6316 Expiry Date: 25/03/2040.

Agent: **Touch Of Class Plants P/L**, Tynong, VIC.

Aloe hybrid

ALOE

'LEO 4363'^ϕ syn Andrea's Orange^ϕ

Application No: 2011/012

Applicant: **Leo Peter Erik Thamm**

Certificate No: 6274 Expiry Date: 27/02/2040.

Agent: **Michael Dent**, Taringa, QLD.

Aloe hybrid

ALOE

'LEO 8521A'^ϕ

Application No: 2012/053

Applicant: **Leo Peter Erik Thamm**

Certificate No: 6275 Expiry Date: 27/02/2040.

Agent: **Michael Dent**, Taringa, QLD.

Bidens ferulifolia

BIDENS

‘SUNBIDEVB 3’^ϕ

Application No: 2017/317

Applicant: **Suntory Flowers Limited**

Certificate No: 6242 Expiry Date: 6/01/2040.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Boronia heterophylla x megastigma

BORONIA

‘Plum Bells’^ϕ

Application No: 2016/194

Applicant: **Botanic Gardens and Parks Authority**

Certificate No: 6288 Expiry Date: 3/03/2040.

Agent: **Goldsash Corporation Pty Ltd**, Malvern, VIC.

Boronia heterophylla x pulchella

BORONIA, BORONIA HYBRID

‘Magenta Stars’^ϕ

Application No: 2016/193

Applicant: **Botanic Gardens and Parks Authority**

Certificate No: 6287 Expiry Date: 3/03/2040.

Agent: **Goldsash Corporation Pty Ltd**, Malvern, VIC.

Brassica napus

CANOLA

‘PA1AN141A’^ϕ

Application No: 2013/296

Applicant: **BASF Agricultural Solutions Seed US LLC**

Certificate No: 6253 Expiry Date: 20/02/2040.

Agent: **BASF Agricultural Solutions Australia Pty Ltd.**, Longeranong, VIC.

Brassica napus

CANOLA

‘PB1AN241B’^ϕ

Application No: 2013/297

Applicant: **BASF Agricultural Solutions Seed US LLC**
Certificate No: 6254 Expiry Date: 20/02/2040.
Agent: **BASF Agricultural Solutions Australia Pty Ltd.**, Longeranong, VIC.

Brassica napus

CANOLA

'PR1AN503'^ϕ

Application No: 2013/298
Applicant: **BASF Agricultural Solutions Seed US LLC**
Certificate No: 6255 Expiry Date: 20/02/2040.
Agent: **BASF Agricultural Solutions Australia Pty Ltd.**, Longeranong, VIC.

Brassica napus

CANOLA

'Sturt TT'^ϕ

Application No: 2012/156
Applicant: **NPZ Australia Pty Ltd**
Certificate No: 6250 Expiry Date: 18/02/2040.

Citrus sinensis

SWEET ORANGE, NAVEL ORANGE

'Swift'^ϕ

Application No: 2010/030
Applicant: **Anthony McCarten**
Certificate No: 6266 Expiry Date: 25/02/2045.

Convolvulus sabatius

MOROCCAN GLORY BIND, MOROCCAN GLORY VINE

'New Blue Moon'^ϕ

Application No: 2017/042
Applicant: **Plant Growers Australia Pty Ltd**
Certificate No: 6334 Expiry Date: 27/03/2040.
Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Euphorbia hybrid

POINSETTIA

‘Bonpri 974’^ϕ

Application No: 2017/134

Applicant: **Bonza Botanicals Pty Limited**

Certificate No: 6241 Expiry Date: 6/01/2040.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Festuca glauca

‘Casblue’^ϕ syn Beyond Blue^ϕ

Application No: 2016/351

Applicant: **Annemarie Blom**

Certificate No: 6325 Expiry Date: 27/03/2040.

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

Fragaria x ananassa

STRAWBERRY

‘Grenada’^ϕ syn C232^ϕ

Application No: 2015/222

Applicant: **The Regents of the University of California**

Certificate No: 6272 Expiry Date: 26/02/2040.

Agent: **Leslie W. Mitchell**, Shepparton, VIC.

Fragaria xananassa

STRAWBERRY

‘Fronteras’^ϕ syn C235^ϕ

Application No: 2015/202

Applicant: **The Regents of the University of California**

Certificate No: 6271 Expiry Date: 26/02/2040.

Agent: **Leslie W. Mitchell**, Shepparton, VIC.

Fragaria xananassa

STRAWBERRY

‘Petaluma’^ϕ syn C231^ϕ

Application No: 2015/201

Applicant: **The Regents of the University of California**

Certificate No: 6307 Expiry Date: 16/03/2040.

Agent: **Leslie W. Mitchell**, Shepparton, VIC.

Fragaria xananassa

STRAWBERRY

'Sunglow-ASBP'^ϕ

Application No: 2017/170

Applicant: **State of Queensland, Horticulture Innovation Australia Limited**

Certificate No: 6310 Expiry Date: 19/03/2040.

Agent: **State of Queensland**, Brisbane, QLD.

Ginkgo biloba

GINKGO, MAIDENHAIR TREE

'Piedmont Pillar'^ϕ

Application No: 2018/123

Applicant: **The Trustee for the Fenton Family Trust**

Certificate No: 6329 Expiry Date: 27/03/2045.

Glycine max

SOYBEAN

'Burrinjuck'^ϕ

Application No: 2017/025

Applicant: **CSIRO, Grains Research and Development Corporation, NSW DPI**

Certificate No: 6267 Expiry Date: 25/02/2040.

Glycine max

SOYBEAN

'Kuranda HB1'^ϕ

Application No: 2018/032

Applicant: **CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries**

Certificate No: 6270 Expiry Date: 25/02/2040.

Glycine max

SOYBEAN

'Mossman HB1'^ϕ

Application No: 2017/331

Applicant: **CSIRO, Grains Research and Development Corporation, NSW DPI**

Certificate No: 6268 Expiry Date: 25/02/2040.

Glycine max

SOYBEAN

'New Bunya HB1'^ϕ

Application No: 2018/031

Applicant: **CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries**

Certificate No: 6269 Expiry Date: 25/02/2040.

Helleborus hybrid

WINTER ROSE

'EPB 25'^ϕ **syn Sophie's Delight**^ϕ

Application No: 2017/151

Applicant: **Rodney Davey, Lynda Windsor**

Certificate No: 6252 Expiry Date: 20/02/2040.

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

Helleborus hybrid

WINTER ROSE

'EPBRD01'^ϕ **syn Molly's White**^ϕ

Application No: 2017/121

Applicant: **Rodney Davey, Lynda Windsor**

Certificate No: 6251 Expiry Date: 20/02/2040.

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

Hordeum vulgare

BARLEY

'SakuraStar'^ϕ

Application No: 2016/171

Applicant: **Sapporo Breweries Ltd, The University of Adelaide**

Certificate No: 6311 Expiry Date: 19/03/2040.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Impatiens hybrid

IMPATIENS

'Kiroisa'^ϕ

Application No: 2014/275
Applicant: **Innovaplant Zierpflanzen GmbH & Co KG**
Certificate No: 6339 Expiry Date: 30/03/2040.
Agent: **Haars Nursery Pty Ltd**, Somerville, VIC.

Impatiens hybrid

NEW GUINEA IMPATIENS

'Kiroleine'^ϕ

Application No: 2014/303
Applicant: **Innovaplant Zierpflanzen GmbH & Co KG**
Certificate No: 6331 Expiry Date: 27/03/2040.
Agent: **Haars Nursery Pty Ltd**, Somerville, VIC.

Lactuca sativa L.

LETTUCE

'RUGBEE'^ϕ

Application No: 2017/163
Applicant: **Nunhems B.V.**
Certificate No: 6296 Expiry Date: 4/03/2040.
Agent: **Shelston IP**, Sydney, NSW.

Lactuca sativa

LETTUCE

'Bateira'^ϕ

Application No: 2016/295
Applicant: **Nunhems B.V.**
Certificate No: 6244 Expiry Date: 7/01/2040.
Agent: **Shelston IP**, Sydney, NSW.

Lactuca sativa

LETTUCE

‘Multigreen 101’^ϕ

Application No: 2015/199

Applicant: **Nunhems B.V.**

Certificate No: 6273 Expiry Date: 26/02/2040.

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

Lactuca sativa

LETTUCE

‘Multired 98’^ϕ

Application No: 2015/231

Applicant: **Nunhems B.V.**

Certificate No: 6243 Expiry Date: 7/01/2040.

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

Lagerstroemia hybrid

CREPE MYRTLE

‘Coral Magic’^ϕ

Application No: 2015/219

Applicant: **Bailey Nurseries, Inc**

Certificate No: 6261 Expiry Date: 24/02/2045.

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

Lagerstroemia hybrid

‘PIILAG-VI’^ϕ syn Red Magic^ϕ

Application No: 2016/061

Applicant: **Bailey Nurseries, Inc**

Certificate No: 6264 Expiry Date: 24/02/2045.

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

Lagerstroemia hybrid

‘PIILAG-VII’^ϕ syn Ruffled Red Magic^ϕ

Application No: 2016/062

Applicant: **Bailey Nurseries, Inc**

Certificate No: 6265 Expiry Date: 24/02/2045.

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

Lagerstroemia hybrid

'PIILAG-VIII'^ϕ syn Twilight Magic^ϕ

Application No: 2016/058

Applicant: **Bailey Nurseries, Inc**

Certificate No: 6263 Expiry Date: 24/02/2045.

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

Lagerstroemia hybrid

CREPE MYRTLE

'Plum Magic'^ϕ

Application No: 2015/221

Applicant: **Bailey Nurseries, Inc**

Certificate No: 6262 Expiry Date: 24/02/2045.

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

Lavandula hybrid

LAVENDER

'Ghostly Princess'^ϕ

Application No: 2017/202

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 6284 Expiry Date: 3/03/2040.

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

Linum usitatissimum

LINSEED

'McCubbin'^ϕ

Application No: 2018/008

Applicant: **Austgrains Pty Ltd**

Certificate No: 6289 Expiry Date: 3/03/2040.

Agent: **Christopher Arnold Bluett**, Buninyong, VIC.

Linum usitatissimum

LINSEED

'Streeton'^ϕ

Application No: 2018/009

Applicant: **Austgrains Pty Ltd**

Certificate No: 6290 Expiry Date: 3/03/2040.

Agent: **Christopher Arnold Bluett**, Buninyong, VIC.

Lupinus angustifolius

NARROW-LEAFED LUPIN

'PBA Jurien'^ϕ syn **WALAN2385**^ϕ

Application No: 2015/178

Applicant: **Western Australia Agriculture Authority, Grains Research and Development Corporation**

Certificate No: 6248 Expiry Date: 11/02/2040.

Agent: **Western Australia Agriculture Authority**, Bentley DC, WA.

Malus domestica

APPLE

'Ruby Heart'^ϕ syn **Rubihart**^ϕ

Application No: 2014/300

Applicant: **Andrew Egan**

Certificate No: 6294 Expiry Date: 4/03/2045.

Agent: **Cecilia Egan**, Brighton East, VIC.

Malus domestica Mill.

APPLE

'Gaia'^ϕ

Application No: 2017/004

Applicant: **C.I.V. Consorzio Italiano Vivaisti-Societa Consortile a R.L.**

Certificate No: 6333 Expiry Date: 31/03/2040.

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

Malus yunnanensis

YUNNAN CRABAPPLE

'Wychwood Ruby'^ϕ

Application No: 2016/296

Applicant: **Peter Cooper, Karen Hall**

Certificate No: 6302 Expiry Date: 10/03/2045.

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

Mandevilla hybrid

MANDEVILLA

‘Manvar’^Φ

Application No: 2018/284

Applicant: **Floraquest Pty Ltd**

Certificate No: 6291 Expiry Date: 3/03/2040.

Mandevilla hybrida

MANDEVILLA

‘Alegnuf811’^Φ **syn SoPink**^Φ

Application No: 2013/045

Applicant: **NuFlora International Pty Ltd**

Certificate No: 6245 Expiry Date: 9/01/2040.

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

Mandevilla hybrida

MANDEVILLA

‘Alegnuflor999’^Φ

Application No: 2013/046

Applicant: **NuFlora International Pty Ltd**

Certificate No: 6246 Expiry Date: 9/01/2040.

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

Medicago sativa

LUCERNE

‘STIRLING’^Φ

Application No: 2017/124

Applicant: **Alpha Group Consulting Pty Ltd**

Certificate No: 6247 Expiry Date: 21/01/2040.

Metrosideros collina

CHRISTMAS BUSH

‘Little Dugald’^Φ

Application No: 2008/296

Applicant: **Terence Charles Keogh**
Certificate No: 6249 Expiry Date: 17/02/2040.

Metrosideros collina

CHRISTMAS BUSH

'Little Ewan'^ϕ

Application No: 2016/002
Applicant: **Terence Charles Keogh**
Certificate No: 6278 Expiry Date: 27/02/2040.

Murraya paniculata

ORANGE JASMINE, ORANGE JESSAMINE, SATINWOOD

'Hip High'^ϕ

Application No: 2016/128
Applicant: **Terence Charles Keogh**
Certificate No: 6279 Expiry Date: 27/02/2040.

Phaseolus vulgaris

FRENCH BEAN, SNAP BEAN

'Aldrin'^ϕ

Application No: 2016/388
Applicant: **HM.CLAUSE, Inc.**
Certificate No: 6285 Expiry Date: 3/03/2040.
Agent: **Shelston IP Pty Ltd**, Sydney, NSW.

Phlox hybrid

'Minnie Pink'^ϕ

Application No: 2016/223
Applicant: **Plant Growers Australia**
Certificate No: 6344 Expiry Date: 30/03/2040.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Prostanthera denticulata

'PRD001'^ϕ

Application No: 2017/208
Applicant: **Ian Shimmen**
Certificate No: 6280 Expiry Date: 27/02/2040.

Prunus armeniaca

APRICOT

'Lilly Cot'^ϕ

Application No: 2012/281

Applicant: **SDR Fruit LLC**

Certificate No: 6283 Expiry Date: 28/02/2045.

Agent: **Australian Nurserymen's Fruit Improvements Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus armeniaca

APRICOT

'Magic Cot'^ϕ

Application No: 2012/280

Applicant: **SDR Fruit LLC**

Certificate No: 6282 Expiry Date: 28/02/2045.

Agent: **Australian Nurserymen's Fruit Improvements Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus armeniaca

APRICOT

'Perle Cot'^ϕ

Application No: 2012/279

Applicant: **SDR Fruit LLC**

Certificate No: 6281 Expiry Date: 28/02/2045.

Agent: **Australian Nurserymen's Fruit Improvements Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus armeniaca

APRICOT

'Sunny Cot'^ϕ

Application No: 2012/278

Applicant: **SDR Fruit LLC**

Certificate No: 6276 Expiry Date: 27/02/2040.

Agent: **Australian Nurserymen's Fruit Improvements Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus armeniaca

APRICOT

‘Wonder Cot’^ϕ

Application No: 2012/277

Applicant: **SDR Fruit LLC**

Certificate No: 6295 Expiry Date: 4/03/2045.

Agent: **Australian Nurserymen's Fruit Improvements Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus avium

SWEET CHERRY

‘Pacific Red’^ϕ

Application No: 2018/313

Applicant: **SMS Unlimited LLC**

Certificate No: 6292 Expiry Date: 3/03/2045.

Agent: **Eurofins Agroscience Services**, Shepparton, VIC.

Prunus avium

SWEET CHERRY

‘Rocket’^ϕ

Application No: 2016/327

Applicant: **SMS Unlimited LLC**

Certificate No: 6319 Expiry Date: 26/03/2045.

Agent: **Eurofins Agroscience Services**, Shepparton, VIC.

Prunus dulcis

ALMOND

‘Buralmondtwo’^ϕ

Application No: 2016/275

Applicant: **The Burchell Nursery Inc**

Certificate No: 6313 Expiry Date: 24/03/2045.

Agent: **Leslie Mitchell (Eurofins Agroscience Services)**, Shepparton, VIC.

Prunus dulcis

ALMOND

‘Capella’^ϕ

Application No: 2015/332

Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**
Certificate No: 6306 Expiry Date: 12/03/2045.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Prunus dulcis

ALMOND

‘Carina’^ϕ

Application No: 2015/329
Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**
Certificate No: 6303 Expiry Date: 10/03/2045.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Prunus dulcis

ALMOND

‘Maxima’^ϕ

Application No: 2015/328
Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**
Certificate No: 6300 Expiry Date: 10/03/2045.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Prunus dulcis

ALMOND

‘Mira’^ϕ

Application No: 2015/331
Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**
Certificate No: 6305 Expiry Date: 12/03/2045.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Prunus dulcis

ALMOND

‘Rhea’^ϕ

Application No: 2015/330
Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**
Certificate No: 6304 Expiry Date: 11/03/2045.
Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Prunus dulcis (Mill.) D.A. Webb

ALMOND

‘Vela’^ϕ

Application No: 2016/346

Applicant: **The University of Adelaide, Horticulture Innovation Australia Ltd**

Certificate No: 6308 Expiry Date: 18/03/2045.

Agent: **The University of Adelaide Enterprise**, Adelaide, SA.

Rosa hybrid

ROSE

‘Climbing Imp’^ϕ

Application No: 2018/308

Applicant: **Daniel Roworth**

Certificate No: 6330 Expiry Date: 30/03/2040.

Agent: , ,

Rosa hybrid

ROSE

‘GRAsalm’^ϕ

Application No: 2015/001

Applicant: **John C. Gray and Sylvia E. Gray, Brindabella Country Gardens**

Certificate No: 6320 Expiry Date: 27/03/2040.

Rosa hybrid

ROSE

‘KORberonem’^ϕ

Application No: 2017/264

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**

Certificate No: 6256 Expiry Date: 21/02/2040.

Agent: **Treloar Roses**, Portland, VIC.

Rosa hybrid

ROSE

‘KORtekcho’^ϕ

Application No: 2017/266

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**

Certificate No: 6257 Expiry Date: 21/02/2040.
Agent: **Treloar Roses**, Portland, VIC.

Rubus idaeus

RASPBERRY

'Autumn Glory'^ϕ syn **BHA-E5**^ϕ

Application No: 2015/303
Applicant: **Berryworld Plus Limited**
Certificate No: 6318 Expiry Date: 26/03/2040.
Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

Rubus idaeus

RASPBERRY

'Diamond-Jubilee'^ϕ

Application No: 2015/260
Applicant: **Berryworld Plus Limited**
Certificate No: 6322 Expiry Date: 27/03/2040.
Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

Rubus idaeus

RASPBERRY

'Enrosadira'^ϕ

Application No: 2017/050
Applicant: **Gilberto Molari and Aldo Telch**
Certificate No: 6301 Expiry Date: 10/03/2045.
Agent: **Hydroberry Plants Pty Ltd**, Wandin, VIC.

Rubus idaeus

RASPBERRY

'Pearl'^ϕ

Application No: 2015/304
Applicant: **Berryworld Plus Limited**
Certificate No: 6332 Expiry Date: 31/03/2040.
Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

Rubus ideaus

RASPBERRY

‘GRANDEUR’^Φ

Application No: 2012/041

Applicant: **Plant Sciences Inc and Berry R&D Inc.**

Certificate No: 6314 Expiry Date: 25/03/2040.

Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, VIC.

Salvia hybrid

SAGE

‘SoCool Lilac’^Φ

Application No: 2017/040

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 6259 Expiry Date: 24/02/2040.

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

Salvia hybrid

SAGE

‘SoCool Purple’^Φ

Application No: 2017/039

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 6258 Expiry Date: 24/02/2040.

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

Salvia hybrid

SAGE

‘SoCool Violet’^Φ

Application No: 2017/041

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 6260 Expiry Date: 24/02/2040.

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

Solanum lycopersicum

TOMATO

‘Nebula’^Φ

Application No: 2016/008

Applicant: **Syngenta Participations AG**
Certificate No: 6299 Expiry Date: 6/03/2040.
Agent: **Syngenta Australia Pty. Ltd.**, Macquarie Park, NSW.

Solanum tuberosum

POTATO

‘Aparchee’^ϕ

Application No: 2013/225
Applicant: **Caithness Potatoes Holding BV**
Certificate No: 6309 Expiry Date: 18/03/2040.
Agent: **South Australian Seeds Pty Ltd**, Virginia, SA.

Solanum tuberosum

POTATO

‘Manhattan’^ϕ

Application No: 2016/306
Applicant: **Cygnets PB Ltd**
Certificate No: 6315 Expiry Date: 24/03/2040.
Agent: **Elders Limited**, Melbourne, VIC.

Triticum aestivum

‘Chief’^ϕ syn IGW6089^ϕ

Application No: 2016/206
Applicant: **InterGrain Pty Ltd**
Certificate No: 6324 Expiry Date: 27/03/2040.

Triticum aestivum

WHEAT

‘Ninja’^ϕ syn IGW8027^ϕ

Application No: 2016/168
Applicant: **InterGrain Pty Ltd**
Certificate No: 6317 Expiry Date: 25/03/2040.

Triticum aestivum

WHEAT

‘Sunmax’^ϕ

Application No: 2016/196

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 6323 Expiry Date: 27/03/2040.

Vaccinium corymbosum

BLUEBERRY

‘Cipria’^ϕ

Application No: 2015/302

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 6286 Expiry Date: 3/03/2040.

Agent: **A J Park**, SYDNEY, NSW.

Vaccinium corymbosum

BLUEBERRY

‘Ventura’^ϕ

Application No: 2015/353

Applicant: **Fall Creek Farm & Nursery Inc.**

Certificate No: 6277 Expiry Date: 27/02/2040.

Agent: **A J Park**, SYDNEY, NSW.

Vitis vinifera

GRAPE VINE

‘Sugrafortythree’^ϕ syn SUGRA43^ϕ

Application No: 2016/067

Applicant: **Sun World International, LLC**

Certificate No: 6312 Expiry Date: 24/03/2045.

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

Vitis vinifera

GRAPE VINE

‘Sugrathirtyeight’^ϕ syn Sugra38^ϕ

Application No: 2014/046

Applicant: **Sun World International, LLC**

Certificate No: 6297 Expiry Date: 5/03/2045.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Vitis vinifera

GRAPE VINE

'SUGRATHIRTYFIVE'^ϕ syn **SUGRA35**^ϕ

Application No: 2011/240
Applicant: **Sun World International LLC**
Certificate No: 6293 Expiry Date: 4/03/2045.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

Westringia glabra

COASTAL ROSEMARY

'WES001'^ϕ syn **Violet Skies**^ϕ

Application No: 2014/164
Applicant: **Peter Goldup**
Certificate No: 6321 Expiry Date: 27/03/2040.
Agent: **Bushland Flora**, Mt Evelyn, VIC.

Westringia hybrid

VIOLET WESTRINGIA

'WES002'^ϕ syn **Mauve Skies**^ϕ

Application No: 2017/198
Applicant: **Peter Goldup**
Certificate No: 6327 Expiry Date: 27/03/2040.
Agent: **Bushland Flora Pty Ltd**, Mount Evelyn, VIC.

Zoysia matrella

MANILA GRASS, ZOYSIA GRASS, KOREAN GRASS, SIGLAP GRASS

'BRF662'^ϕ

Application No: 2016/387
Applicant: **David L Doguet**
Certificate No: 6326 Expiry Date: 27/03/2040.
Agent: **Lawn Solutions Australia Group Pty Ltd**, Berry, NSW.

Zoysia matrella

MANILA GRASS, ZOYSIA GRASS, KOREAN GRASS, SIGLAP GRASS

‘L1F’^Φ

Application No: 2018/043

Applicant: **David L Doguet**

Certificate No: 6328 Expiry Date: 27/03/2040.

Agent: **Lawn Solutions Australia Group Pty Ltd**, Berry, NSW.

Assignment of Rights

| App. No. | Genus | Species | Variety | Common Name | Changed From | Changed To |
|-----------------|--------------|----------------|----------------|--------------------|---|-----------------------------------|
| 2017/233 | Prunus | salicina | GW1 | Japanese Plum | Graeme Watters | Vitaplum Technology Pty Ltd |
| 2010/094 | Musa | hybrid | LG-1 | Banana | Timothy John Johnson, David Laurence Peasley, The Better Banana Company | The Better Banana Company Pty Ltd |
| 2016/277 | Musa | hybrid | FLF-1 | Banana | David Peasley | The Better Banana Company Pty Ltd |
| 2006/213 | Pittosporum | tenuifolium | Golf Ball | Pittosporum | M & R Fyfe | Bay Shrubs Limited |
| 2009/020 | Ficus | benjamina | Ebony | Weeping Fig | Richard J. Forsyth | Matthew Gregory Nugent |

Change/Nomination of Agent

| App. No. | Genus | Species | Variety | Changed From | Changed To |
|-----------------|--------------|----------------------|----------------|--|--|
| 2006/213 | Pittosporum | tenuifolium | Golf Ball | Greenhills Propagation Nursery Pty Ltd | James & Wells |
| 2018/176 | Pyrus | communis | Celina | Giston Consulting Services Pty Ltd | Horticultural Brand Management Australia Pty Ltd |
| 2017/157 | Vitis | interspecific hybrid | Navsel 4 | Jennifer Hashim-Maguire | Sheehan genetics Australia Pty Ltd |

Denomination Changed

| Application No. | <i>Genus</i> | <i>Species</i> | Common Name | Changed From | Changed To |
|-----------------|--------------|---------------------------------|---------------|--------------|------------|
| 2019/156 | Vigna | radiata var. radiata | Mung Bean | M12036 | Opal-AU |
| 2019/223 | Pisum | sativum | Field Pea | GIA1701P | KASTAR |
| 2019/225 | Pisum | sativum | Field Pea | GIA1702P | OURSTAR |
| 2015/308 | Bromus | catharticus var. catharticus | Prairie Grass | Airgintin | Rangeland |
| 2015/309 | Phalaris | aquatica | Phalaris | Astrail | Cavalry |

Synonym Changed/Added

| App. No. | Genus | Species | Variety | Common Name | Synonym Changed From | Synonym Changed To |
|----------|----------|------------------------------------|-----------|------------------|----------------------|--------------------|
| 2019/223 | Pisum | sativum | KASTAR | Field Pea | GIA1701P-I1701P | KASTAR-1 |
| 2019/225 | Pisum | sativum | OURSTAR | Field Pea | GIA1701P-I1702P | OURSTAR-IS |
| 2015/308 | Bromus | catharticus var. catharticus | Rangeland | Prairie Grass | Arjantin | Stockland |
| 2015/309 | Phalaris | aquatica | Cavalry | Phalaris | Ostrali | Trooper |

Applications Withdrawn

The following varieties are withdrawn under Section 33(1) of the *Plant Breeder's Rights Act 1994* and are no longer under PBR provisional protection:

| App. No. | Genus | Species | Common Name | Variety |
|----------|---------------|--------------|----------------------------|----------------|
| 2015/354 | Tulipa | hybrid | Tulip | Loveflight |
| 2018/357 | Dactylis | glomerata | Cocksfoot | Sullivan |
| 2010/114 | Dianella | revoluta | Spreading Flax-Lily | Dikent |
| 2014/024 | Alternanthera | dentata | Ruby Leaf Alternanthera | Always |
| 2019/005 | Convolvulus | cneorum | | Silver Cascade |
| 2018/133 | Rubus | idaeus | Raspberry | Amaranta |
| 2012/111 | Vitis | vinifera | Grape vine | SUGRATHIRTYSIX |
| 2007/192 | Lactuca | sativa | Lettuce | Robinio |
| 2019/131 | Trifolium | repens | White Clover | Emblem |
| 2019/141 | Solanum | tuberosum | Potato | Crop35 |
| 2018/305 | Escallonia | hybrid | | IB411-7 |
| 2018/307 | Escallonia | hybrid | | IB411-1 |
| 2008/293 | Triticum | aestivum | Wheat | Bumper |
| 2016/254 | Lavandula | pedunculata | Spanish Lavender | Baby Girl |
| 2016/009 | Solanum | tuberosum | Potato | Orlena |
| 2018/236 | Solanum | lycopersicum | Tomato | DREAMVINE |
| 2018/235 | Solanum | lycopersicum | Tomato | NUN 09202 |
| 2016/281 | Solanum | tuberosum | Potato | Celandine |
| 2013/301 | Streptocarpus | | Streptocarpus | Anjitsuka 1 |
| 2013/302 | Streptocarpus | | Streptocarpus | Anjitsuka 2 |
| 2013/303 | Streptocarpus | | Streptocarpus | Anjitsuka 3 |
| 2016/311 | Solanum | tuberosum | Potato | Lionheart |
| 2019/116 | Anigozanthos | hybrid | Kangaroo Paw | Rambovita |

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 |
|----------|---------------|---------------------------|--------------------|-------------------|------------------|
| 2010/022 | Syzygium | australe | Golden Hedge | Little Ruffles | Lilly Pilly |
| 2005/290 | Cynodon | dactylon | Winter Gem | | Couchgrass |
| 2000/044 | Schlumbergera | truncata | Millennium Fantasy | | Christmas Cactus |
| 2007/083 | Rosa | hybrid | WEKmorfis | Route 66 | Rose |
| 2011/029 | Carex | trifida | Rekohu-Sunrise | Goldy Locks | Tataki |
| 2014/157 | Hebe | hybrid | Lemon Frosting | | Hebe |
| 2001/352 | Euphorbia | hybrid | Charam | | Euphorbia |
| 1998/138 | Triticum | aestivum | Camm | | Wheat |
| 2005/346 | Triticum | aestivum | Bullaring | | Wheat |
| 2007/216 | Hordeum | vulgare | Hannan | | Barley |
| 2008/344 | Mandevilla | hybrid | Ginger | Aloha Bright Pink | Mandevilla |
| 2001/364 | Chrysanthemum | indicum | Pink Elite Reagan | | Chrysanthemum |
| 2001/366 | Chrysanthemum | indicum | Sunny Elite Reagan | | Chrysanthemum |
| 2001/367 | Chrysanthemum | indicum | White Elite Reagan | | Chrysanthemum |
| 2001/374 | Chrysanthemum | indicum | Tripdee Reagan | | Chrysanthemum |
| 2015/007 | Agapanthus | orientalis | Golden Drop | | Agapanthus |
| 2005/167 | Lavandula | hybrid | Sugarberry Ruffles | | Italian Lavender |
| 2015/240 | Tulbaghia | violacea x cominsii | Starlet | | Tulbaghia |

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 |
|-----------------|--------------|----------------|---------------------|----------------|
| 1995/245 | Verbena | hybrid | Verbena | Sunmarefu TP-V |
| 1996/197 | Solanum | tuberosum | Potato | Royal Blue |
| 1998/108 | Saccharum | hybrid | Sugarcane | Q173 |
| 1998/107 | Saccharum | hybrid | Sugarcane | Q175 |
| 1997/149 | Trifolium | vesiculosum | Arrowleaf Clover | Cefalu |

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 |
|----------------|--------------|----------------|----------------|----------------|--------------------|
| 2003/235 | Syzygium | luehmannii | Sunset Mist | | Lilly Pilly |

Corrigenda

Cucumber

Cucumis sativus

‘Sepire’

Application Number: 2017/089

The characteristics “Fruit: ribs” in the variety description and distinctness table published in PVJ 31.1 should read as follows:

| | | | |
|--|--------|--------|---------|
| <input checked="" type="checkbox"/> *Fruit: ribs | absent | absent | present |
|--|--------|--------|---------|



Australian Government
IP Australia

Appendices

The appendices to *Plant Varieties Journal* (**Vol. 33 Issue 1**) are listed below:

- [Home](#)
- [Appendix 1 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 2 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 3 - Centralised Testing Centres](#)
- [Appendix 4 - Register of Plant Varieties](#)

APPENDIX 1 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following link <https://www.ipaustralia.gov.au/tools-resources/qualified-persons-directory> is the directory of consultant QPs

Appendix 2 - Index of Accredited Non-Consultant Qualified Persons

| LAST NAME | CONTACT NAME |
|------------------|--------------|
| Ahmad | Maqbool |
| Andrews | Samantha |
| Ansari | Omid |
| Bartley | Megan |
| Berryman | Pamela |
| Box | Amanda |
| Brown | Emma |
| Brunt | Charlotte |
| Buchanan | Peter |
| Bunker | John |
| Cameron | Nick |
| Campbell | David |
| Cecil | Andrew |
| Chesher | Wayne |
| Clayton-Greene | Kevin |
| Clingeffer | Peter |
| Cogan | Noel |
| Collins | David |
| Connolly | Karen |
| Costin | Russell |
| Coventry | Stewart |
| Cowling | Wallace |
| Culvenor | Richard |
| Davey | Timothy |
| De Barro | James |
| Dewar | Matthew |
| Dilag | Calixto |
| Downe | Graeme |
| Eyles | Gary |
| Fitzgibbon | John |
| Flattery-O'Brien | Jacinta |
| Fleming | Rebecca |
| Gaudion | Jenny |
| Gillies | Leanne |
| Gonzalez | Moises |
| Graetz | Darren |
| Gray | John |
| Gunther | Tom |
| Harmer | Martin |
| Hobson | Kristy |
| Hoppo | Suzanne |
| Howie | Jake |
| Hussein | Shafiya |

| | |
|-------------|---------------|
| Jewell | Larry |
| Jobling | Philip Norman |
| Jupp | Noel |
| Kaehne | Ian |
| Katz | Mark |
| Kebblewhite | Tony |
| Kemp | Stuart |
| Kretzschmar | Tobias |
| Lacey | Kevin |
| Laker | Richard |
| Leddin | Anthony |
| Lee | Jodie |
| Lee Chang | Kim |
| Lewis | Hartley |
| Lewthwaite | Stephen |
| Lowe | Russell |
| March | Timothy |
| Materne | Michael |
| Matic | Rade |
| Matthews | Michael |
| Moisander | Jennifer |
| Moody | David |
| Myors | Philip |
| Neal | Jodi |
| Newman | Allen |
| O'Leary | Finbarr |
| Pandey | Babu |
| Paull | Jeff |
| Peck | David |
| Pegg | Amelia |
| Pidgeon | Mark |
| Pike | Elise |
| Pike | David |
| Porter | Gavin |
| Pressler | Craig |
| Rankin | Grant |
| Rayner | Kenneth |
| Real | Daniel |
| Roake | Jeremy |
| Russell | Dougal |
| Sanewski | Garth |
| Schreuders | Harry |
| Senior | Michael |
| Shoaib | Mirza |
| Shunmugam | Arun |
| Smith | Chris |

| | |
|-------------|----------|
| Smith | Leigh |
| Smith | Malcolm |
| Snell | Peter |
| Snelling | Cath |
| Song | Leonard |
| Sounness | Janine |
| Stewart | Anthony |
| Stiller | Warwick |
| Tabah | David |
| Todd | Peter |
| Turner | Janice |
| Turpin | Susanna |
| Walker | Carol |
| Watson | David |
| Wei | Xianming |
| Williams | Michelle |
| Wilson | Stephen |
| 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 add flexibility to the PBR process.

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

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$920. This is a saving of more than 40% over the normal fee of \$1610.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

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

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

REQUESTS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

Conditions and Selection Criteria

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

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again, dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, 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 may be 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 a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

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

Relationship between CTC and 3rd Parties

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

One trial at a time

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

One CTC per genus

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

Authorised Centralised Test Centres (CTCs)

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

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation | Next review date |
|-------------------------------------|--|--|--|-------------|-----------------------|------------------|
| Bureau of Sugar Experiment Stations | Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD | <i>Saccharum</i> | Field, glasshouse, tissue culture, pathology | G Piperidis | 30/06/1997 | 1/08/2020 |
| Paradise Plants | Kulnura, NSW | <i>Camellia</i> , <i>Lavandula</i> , <i>Osothamnus</i> , <i>Ceratopetalum</i> | Field, glasshouse, shadehouse, irrigation, | J Robb | 31/12/1998 | 1/08/2020 |
| Prescott Roses | Berwick, VIC | <i>Rosa</i> | Field, controlled environme | C Prescott | 31/12/1998 | 1/08/2020 |

| | | | | | | |
|--------------------------------|-------------------------------|--------------------------|---|----------------------------|------------|------------|
| Ramm Botanicals | Kangy Angy, NSW | <i>Anigozanthos</i> | Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas. | Megan Bartley | 10/02/2012 | 1/08/2020 |
| Solan Pty Ltd | Waikerie SA | <i>Solanum tuberosum</i> | Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials | J. Fennell | 10/01/2013 | 1/08/2020 |
| GeneGro Pty and V & CM Zorin | Birkdale, QLD | <i>Desmanthus</i> | Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse. | D. Loch, M. Zorin | 22/07/2014 | 1/08/2020 |
| 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 | 1/08/2020 |
| Agronico Technology Pty Ltd | Leith, TAS | <i>Solanum tuberosum</i> | Access to tissue culture storage and minituber production facilities (VICSPA accredited), for storing and multiplying varieties in preparation for testing. | Stewart McKay, James Hills | 7/4/2016 | 1/08/2020 |
| G Crumpton & Sons & Co Pty Ltd | Crawford, QLD | <i>Duboisia</i> | Comprehensive growing facilities | D. Loch | 13/12/2016 | 13/12/2020 |

| | | | | | | |
|---|-----------------------|--|--|----------------------------|------------|------------|
| GeneGro Pty Ltd | Birkdale, QLD | <i>Lablab purpureus</i> <i>Zoysia</i> spp. | Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse. | D. Loch, M. Zorin | 13/12/2016 | 13/12/2020 |
| Driscolls Australia Pty Ltd | Palmwoods, QLD | <i>Fragaria</i> spp., <i>Vaccinium</i> spp., <i>Rubus</i> spp. | Irrigated field trial areas, laboratory facilities, glasshouse | M. Zorin | 13/12/2016 | 13/12/2020 |
| GrapeCo Pty Ltd | South Merbein, VIC | <i>Vitis</i> <i>vinifera</i> (Table Grape only) | Drip irrigation. Cool rooms are being installed. | A. MacGregor | 28/02/2017 | 28/02/2020 |
| Australian Horticultural Services | Wonga Park, VIC | <i>Lavandula</i> | Indoor growing areas, Outdoor growing areas | M. Lunghusen | 19/12/2018 | 19/12/2020 |

The following application(s) are pending:

| Name | Location | Genera applied for | Facilities | Name of QP |
|----------------|--------------------|--|---|--------------|
| Haar's Nursery | Somerville, VIC | <i>Erysimum</i> , <i>Impatiens</i> ** <i>Nemesia</i> | Propagation greenhouses; indoor and outdoor growing areas | M. Lunghusen |

** = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

Comments (for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

Chief of PBR
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606

Closing date for comment: 3 months from the date of this publication

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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