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Plant Varieties Journal



# Plant Varieties Journal

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This part of the Plant Varieties Journal provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Public Notices of Plant Varieties Journal (Volume 39 Number 2) are listed below:

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## Acceptances

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

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Acceptance Date |
|---|---|---|---|---|---|---|---|
| 2026/157 | VOT1 | Sweet Viburnum | Not Applicable | *Viburnum* | *odoratissimum* | Livistona Australis Pty Ltd trading as Cabbage Tree Nursery | 27/08/2026 |
| 2026/148 | AGT-Opener Imi | Chickpea | Not Applicable | *Cicer* | *arietinum* | Grains Research and Development Corporation | 25/09/2026 |
| 2026/143 | Skyward | Forage Rape | Not Applicable | *Brassica* | *napus* | Forage Innovations Limited | 13/08/2026 |
| 2026/156 | AG606 | African Lily | Not Applicable | *Agapanthus* | *hybrid* | OZBREED GREEN LIFE PTY LIMITED | 27/08/2026 |
| 2026/185 | Titan | Avocado | Not Applicable | *Persea* | *americana* | Avogrey Heritage Trust | 02/10/2026 |
| 2026/175 | Bye-Bye | Lilly Pilly | Not Applicable | *Syzygium* | *australe* | Sunplant Breeders Pty Ltd | 28/09/2026 |
| 2026/083 | FD Potoroo | Bread Wheat | TA0109 | *Triticum* | *aestivum* | Trigall Australia Pty Ltd | 21/09/2026 |
| 2026/028 | LM516 | | Not Applicable | *Lomandra* | *longifolia* | OZBREED GREEN LIFE PTY LIMITED | 10/08/2026 |
| 2025/251 | Rougibon | Apricot | ROUGECOT | *Prunus* | *armeniaca* | COT International | 22/09/2026 |
| 2026/121 | UCB1-D14 | Pistachio | D14 | *Pistacia* | *atlantica x integerrima* | John Duarte, Jeffrey Duarte | 02/09/2026 |
| 2026/116 | Somerset | Hazelnut | Not Applicable | *Corylus* | *avellana* | Rutgers, The State University of New Jersey, Oregon State University | 04/09/2026 |
| 2026/151 | Su Casa | African Lily | Not Applicable | *Agapanthus* | *africanus* | Agapanthus B.V. | 27/08/2026 |
| 2024/194 | Candysweet XVI | Nectarine | Not Applicable | *Prunus* | *persica var. nucipersica* | Lowell Bradford, BQ Genetics | 18/09/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2026/152 | VECELLIO | Lettuce | Not Applicable | *Lactuca* | *sativa L.* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 27/08/2026 |
| 2026/169 | TIGAGON | Lettuce | Not Applicable | *Lactuca* | *sativa* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 04/09/2026 |
| 2026/173 | Noa301664 | Rose | Not Applicable | *Rosa* | *hybrid* | Reinhard Noack | 15/09/2026 |
| 2025/252 | Piano 30 | Apricot | PIANO COT | *Prunus* | *armeniaca* | COT International | 21/09/2026 |
| 2026/133 | SG-AP-M3 | Apple | Not Applicable | *Malus* | | Stargrow Cultivar Development | 20/08/2026 |
| 2026/167 | ALB Dane | Lentil | Dane | *Lens* | *culinaris* | Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation | 15/09/2026 |
| 2024/004 | WC4 | | Not Applicable | *Citrus* | *reticulata x Citrus australasica* | Williams Citrus | 03/09/2026 |
| 2026/130 | Luciana | Nectarine | Not Applicable | *Prunus* | *persica var. nucipersica* | PSB Producción Vegetal S.L. | 15/09/2026 |
| 2026/131 | Contessa | Peach | Not Applicable | *Prunus* | *persica* | PSB Producción Vegetal S.L. | 27/08/2026 |
| 2026/178 | SRA50 | Sugarcane | Not Applicable | *Saccharum* | *hybrid* | SUGAR RESEARCH AUSTRALIA LIMITED | 03/09/2026 |
| 2026/166 | ALB Burdett | Lentil | Burdett | *Lens* | *culinaris* | Grains Research and Development Corporation, Agriculture Victoria Services Pty Ltd | 15/09/2026 |
| 2026/140 | DM10A | Japanese Plum | Plumcandy XIV | *Prunus* | *salicina* | BQ Genetics | 02/09/2026 |
| 2026/176 | MBOBLK4113 | Blackberry | Not Applicable | *Rubus* | *subg. Rubus* | Mountain Blue Orchards Pty Ltd | 28/09/2026 |
| 2026/115 | G15097 | | Not Applicable | *Philadelphus* | *hybrid* | Garden Genetics LLC | 27/08/2026 |
| 2026/109 | UC Monarch | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | The Regents of the University of California | 04/08/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2026/068 | IG-Poppie | Oats | Not Applicable | *Avena* | *sativa* | Minister for Primary Industries and Regional Development (Acting through the South Australian Research and Development Institute), Grains Research and Development Corporation | 20/08/2026 |
| 2026/106 | UC Eclipse | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | The Regents of the University of California | 04/08/2026 |
| 2026/147 | DELAYA | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | ABZ Aardbeien uit Zaad Holding B.V. | 01/09/2026 |
| 2026/117 | Hunterdon | Hazelnut | Not Applicable | *Corylus* | *avellana* | Oregon State University, Rutgers, The State University of New Jersey | 04/09/2026 |
| 2026/118 | Monmouth | Hazelnut | Not Applicable | *Corylus* | *avellana* | Rutgers, The State University of New Jersey, Oregon State University | 04/09/2026 |
| 2026/150 | RGT18 | Fungal endophyte | Not Applicable | *Epichloe* | *festucae var. lolii* | RAGT 2n | 25/08/2026 |
| 2026/113 | LONGREACH ATLAS | Common Wheat, bread wheat | LRPB ATLAS | *Triticum* | *aestivum* | LongReach Plant Breeders Management Pty. Ltd. | 18/08/2026 |
| 2024/199 | PEARLICIOUS XXIV | Nectarine | Not Applicable | *Prunus* | *persica var. nucipersica* | BQ Genetics | 29/09/2026 |
| 2026/110 | UC Surfline | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | The Regents of the University of California | 19/08/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2026/119 | Raritan | Hazelnut | Not Applicable | *Corylus* | *avellana* | Oregon State University, Rutgers, The State University of New Jersey | 04/09/2026 |
| 2026/141 | Yan Nong 15 Hao | Kiwifruit | Yanoon 15 | *Actinidia* | *chinensis* | Changsha Yanoon Biotech Co., Ltd | 06/08/2026 |
| 2026/139 | Marathon | Mandarin | Not Applicable | *Citrus* | *reticulata* | Florida Foundation Seed Producers, Inc. | 01/09/2026 |
| 2026/170 | Q20-074 | Blueberry | Not Applicable | *Vaccinium* | *corymbosum hybrid* | Florida Foundation Seed Producers Inc, Costa Berry International Pty Ltd | 18/09/2026 |
| 2026/172 | Q20-136 | Blueberry | Not Applicable | *Vaccinium* | *corymbosum hybrid* | Costa Berry International Pty Ltd, Florida Foundation Seed Producers Inc | 18/09/2026 |
| 2026/149 | NIMBOLA | Tomato, cherry tomato | Not Applicable | *Solanum* | *lycopersicum* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 27/08/2026 |
| 2026/066 | Clutch | Cocksfoot, Orchard Grass | Not Applicable | *Dactylis* | *glomerata* | Grasslands Innovation Ltd | 24/08/2026 |
| 2026/168 | Vintigo | Lettuce | Not Applicable | *Lactuca* | *sativa L.* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 02/09/2026 |
| 2025/248 | COCOT | Apricot | Not Applicable | *Prunus* | *armeniaca* | COT International | 22/09/2026 |
| 2026/108 | UC Keystone | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | The Regents of the University of California | 04/08/2026 |
| 2026/171 | Q20-137 | Blueberry | Not Applicable | *Vaccinium* | *corymbosum hybrid* | Costa Berry International Pty Ltd, Florida Foundation Seed Producers Inc | 18/09/2026 |
| 2026/160 | SPC335 | Sweet Cherry | Not Applicable | *Prunus* | *avium* | His Majesty the King in Right of Canada as represented by | 18/09/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | the Minister of Agriculture and Agri-Food | |
| 2026/057 | Uplift | Italian ryegrass | Not Applicable | *Lolium* | *multiflorum* | Grasslands Innovation Ltd | 24/08/2026 |
| 2026/142 | Yan Nong 33 Hao | Kiwifruit | Yanoon 33 | *Actinidia* | *chinensis* | Changsha Yanoon Biotech Co., Ltd | 06/08/2026 |
| 2026/077 | Mercezia | Rucola (selvatica) | Not Applicable | *Diplotaxis* | *tenuifolia* | ENZA Zaden Beheer B.V. | 02/10/2026 |
| 2026/146 | ACB22T087 | Cannabis | Not Applicable | *Cannabis* | *sativa* | AURORA CANNABIS ENTERPRISES INC. | 21/09/2026 |
| 2026/065 | Azulito | Maize or corn | Not Applicable | *Zea* | *mays* | La Tortilleria Pty Ltd | 11/08/2026 |
| 2026/144 | Palendi-Darwinia | Capsicum | Palendi-Remnant | *Capsicum* | *frutescens* | Unique Chilli Company | 14/09/2026 |
| 2026/128 | RAWONDER | Lettuce | Not Applicable | *Lactuca* | *sativa* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 07/08/2026 |
| 2026/177 | SRA49 | Sugarcane | Not Applicable | *Saccharum* | *hybrid* | SUGAR RESEARCH AUSTRALIA LIMITED | 03/09/2026 |
| 2026/145 | ACB22T101 | Cannabis | Not Applicable | *Cannabis* | *sativa* | AURORA CANNABIS ENTERPRISES INC. | 23/09/2026 |
| 2026/123 | Tasman 050 | Apple | Not Applicable | *Malus* | *domestica Borkh.* | Rhys Wilkins, Luke Hawthorne | 06/08/2026 |
| 2026/107 | UC Golden Gate | Strawberry | Not Applicable | *Fragaria* | *x ananassa Duchesne ex Rozier* | The Regents of the University of California | 19/08/2026 |
| 2026/161 | SPC414 | Sweet Cherry | Not Applicable | *Prunus* | *avium* | His Majesty the King in Right of Canada as represented by the Minister of Agriculture and Agri-Food | 14/09/2026 |

## Rejections

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Rejected Date |
|---|---|---|---|---|---|---|---|
| 2020/316 | Ellinor | Barley | Not Applicable | *Hordeum* | *vulgare* | Saatzucht Josef Breun GmbH & Co. KG | 28/09/2026 |
| 2019/138 | White Seedless 168 | | Not Applicable | *Psidium* | *guajava* | Kim Xuan Tang; Kim Ung | 25/09/2026 |

## Variety Descriptions

| Application Number | Botanical Name | Proposed Variety Name |
|---|---|---|
| 2013/195 | *Lomandra confertifolia* | 'LNDS 747' |
| 2016/328 | *Lachenalia* jacq. F. ex Murray | 'RADIENT' |
| 2016/329 | *Lachenalia* jacq. F. ex Murray | 'JOSEPHINE' |
| 2016/331 | *Lachenalia* jacq. F. ex Murray | 'AQUA LADY' |
| 2016/332 | *Lachenalia* jacq. F. ex Murray | 'RIANA' |
| 2016/333 | *Lachenalia* jacq. F. ex Murray | 'CHERISE' |
| 2017/211 | *Prunus avium* | 'AMID' |
| 2017/212 | *Prunus avium* | 'FABIOLA' |
| 2017/213 | *Prunus avium* | 'HELGA' |
| 2017/238 | *Lavandula* hybrid | 'LAV1412' |
| 2018/211 | *Lactuca sativa* | 'Skilton' |
| 2018/220 | *Rubus idaeus* | 'Santa Teresa' |
| 2019/069 | *Lomandra confertifolia subsp. pallida* | 'SPRILOMJAN' |
| 2019/102 | *Prunus persica* | 'Sauzee Dutchess' |
| 2019/244 | *Lavandula* hybrid | 'LAV1475' |
| 2019/263 | *Murraya paniculata* var *ovatifoliata* | 'Tom Thumb' |
| 2020/027 | *Diospyros kaki* | 'Gampung' |
| 2020/051 | *Syzygium smithii* | 'LIL RUBY' |
| 2020/144 | *Triticum aestivum* | 'LONGREACH STEALTH' |
| 2020/233 | *Solanum tuberosum* | 'LAUDINE' |
| 2020/234 | *Solanum tuberosum* | 'BASIN RUSSET' |
| 2020/235 | *Solanum tuberosum* | 'VOGUE' |
| 2021/025 | *Lactuca sativa* | 'SPLASHBEE' |
| 2021/156 | *Citrus reticulata* | 'ARCCIT9' |
| 2021/212 | *Triticum aestivum* | 'LONGREACH ANVIL' |
| 2021/223 | *Solanum tuberosum* | 'BELLANITA' |
| 2021/224 | *Solanum tuberosum* | 'LORELEY' |
| 2021/225 | *Solanum tuberosum* | 'CHATEAU' |

| | | |
|---|---|---|
| 2021/228 | *Solanum tuberosum* | 'SPECTRA' |
| 2021/267 | *Malus domestica* | 'Bay 4210' |
| 2021/282 | *Rosa* hybrid | 'AUSTULLIVER' |
| 2022/009 | *Spinacia oleracea* | 'PMSP205012629' |
| 2022/119 | *Triticum aestivum* | 'LONGREACH SCOTCH' |
| 2022/183 | *Triticum aestivum* | 'STOCKADE' |
| 2022/184 | *Triticum aestivum* | 'LONGREACH MOWHAWK' |
| 2022/216 | *Lactuca sativa* | 'BOLOGNIA' |
| 2023/017 | *Rosa* hybrid | 'Auscrowd' |
| 2023/018 | *Rosa* hybrid | 'Ausegdon' |
| 2023/045 | *Solanum tuberosum* | 'LEVANTE' |
| 2023/046 | *Solanum tuberosum* | 'PARADISO' |
| 2023/047 | *Solanum tuberosum* L. | 'CORAZON' |
| 2023/063 | *Correa pulchella x (C. pulchella x C. reflexa)* | 'IB 705-6' |
| 2023/101 | *Triticum aestivum* | 'Firefly' |
| 2023/147 | *Triticum aestivum* | 'LONGREACH VORTEX' |
| 2023/148 | *Triticum aestivum* | 'LONGREACH TRACER' |
| 2023/149 | *Triticum aestivum* | 'LONGREACH MAJOR' |
| 2023/158 | *Triticum aestivum* | 'Dozer' |
| 2023/188 | *Lactuca sativa* | 'KANAKA' |
| 2023/294 | *Avena sativa* | 'Goldie' |
| 2024/005 | *Triticum aestivum* | 'Jumbuck' |
| 2024/014 | *Lactuca sativa* | 'GREGORIO' |
| 2024/019 | *Rosa* hybrid | 'AUSRAVELOE' |
| 2024/026 | *Plectranthus hilliardiae x P. saccatus* | 'P100409' |
| 2024/157 | *Fuchsia hybrida* | 'IB 109-1' |
| 2024/196 | *Vaccinium* | 'Ridley0304' |
| 2024/197 | *Vaccinium* | 'Ridley0309' |
| 2025/001 | *Gossypium hirsutum* | 'Sicala 320B3XF' |
| 2025/002 | *Gossypium hirsutum* | 'Sicot 675B3XF' |
| 2025/003 | *Gossypium hirsutum* | 'Sicot 757B3XF' |
| 2025/004 | *Gossypium hirsutum* | 'Sicot 721XF' |
| 2025/005 | *Gossypium hirsutum* | 'Siokra 241XF' |
| 2025/029 | *Lactuca sativa* | 'JUNINIO' |
| 2025/103 | *Lolium multiflorum* | 'PGW Feroz' |

| | | |
|---|---|---|
| 2025/135 | *Syzygium australe* | 'BurgundyGlow' |
| 2025/157 | *Lactuca sativa* | 'ESTELENA' |
| 2025/158 | *Solanum lycopersicum* | 'BALTHASETTO' |
| 2025/159 | *Solanum lycopersicum* | 'PARISETTO' |
| 2025/170 | *Lens culinaris* | 'GIA Colombo' |
| 2025/190 | *Lactuca sativa* | 'KARDIN' |
| 2025/236 | *Vaccinium corymbosum* hybrid | 'C16-101' |
| 2026/003 | *Cajanus cajan* | 'DPI282' |
| 2026/027 | *Vaccinium corymbosum* hybrid | 'C19-119' |
| 2026/033 | *Vaccinium corymbosum* hybrid | 'C19-138' |
| 2026/034 | *Vaccinium corymbosum* hybrid | 'C18-153' |

**Details of Application**

| | |
|---|---|
| **Application Number** | 2013/195 |
| **Variety Name** | 'LNDS 747' |
| **Genus Species** | *Lomandra confertifolia* |
| **Common Name** | Matt Rush |
| **Accepted Date** | 2014-03-11 |
| **Applicant** | Grey Willow, Landsdale, WA, 6065 |
| **Agent** | |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Peats Ridge, NSW |
| **Descriptor** | TG/287/1 LOMANDRA |
| **Period** | 2025 |
| **Conditions** | Trial conducted in open beds, plants propagated from micro-propagation, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required. |
| **Trial Design** | Fifteen pots of each variety arranged in a completely randomised design. |
| **Measurements** | From 10 plants at random |
| **RHS Chart - edition** | 2015 |

**Origin and Breeding**

Spontaneous mutation: parent LND01 in 2009. The parent is characterised by presence of leaf variegation. Selection took place in Landsdale, WA in 2009. Selection criteria: green leaf colour; broad leaf width; weeping plant growth habit. Propagation: vegetative micro-propagation and divisions were found to be uniform and stable. Breeder: John Tilbrook, Landsdale, WA.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | attitude of upper third | semi-erect |
| Leaf | glaucosity of upper side | very weak to weak |
| Plant | growth habit | upright to semi-upright |
| Plant | sex expression | male |

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

| Variety | Comment |
|---|---|
| **'Lime Tuff'** | |
| **'Little Pal'** | |

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

| | Plant/Organ Part: Context | 'LNDS 747' | 'Lime Tuff' | 'Little Pal' |
|---|---|---|---|---|
| | Plant - habit | semi upright | semi upright | upright |
| X | Plant - height of foliage | medium | medium | short to medium |
| | Plant - density of foliage | medium | dense | medium |
| | Leaf - attitude of upper third | semi-erect | semi-erect | semi-erect |
| X | Leaf blade - length | medium to long | medium | short to medium |
| X | Leaf blade - width | medium | narrow | narrow to medium |
| | Leaf - profile in cross section | moderately concave | moderately concave | moderately concave |
| | Leaf - type of apex | toothed | toothed | toothed |
| | Leaf - length of middle tooth | short | very short to short | short |
| | Leaf - texture | smooth | smooth | smooth |
| | Leaf - glaucosity of upper side | very weak | very weak | very weak |
| | Leaf - glossiness of upper side | medium | medium | medium |
| | Leaf - pliability | strong | strong | |
| | Basal sheath - shredding of margin | absent or very weak | absent or very weak | absent or very weak |
| X | Basal sheath - intensity of brown colour | dark | light | dark |
| | Inflorescence - position in relation to foliage | below | below | below |
| | Inflorescence - number of branches | few to medium | medium | very few to few |
| X | Inflorescence - length of flowering part | very short to short | medium | medium |
| X | Peduncle - length | very short to short | long | short |
| | Peduncle - colour | yellow green | green | yellow green |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'LNDS 747' | 'Lime Tuff' | 'Little Pal' |
|---|---|---|---|---|
| | Leaf : main colour of upper side | 146A | 146A | 146A |

**Statistical Table**

| | Plant/Organ Part: Context | 'LNDS 747' | 'Lime Tuff' | 'Little Pal' |
|---|---|---|---|---|
| X | Leaf : length (mm) | | | |

| | | | | |
|---|---|---|---|---|
| | Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | 407.2<br>47.2<br>35.86 | 388.6<br>27.0<br>ns | 325.8<br>32.7<br>P≤0.01 |
| **X** | Leaf : width (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>4.4<br>0.4<br>0.83 | <br>3.35<br>0.6<br>P≤0.01 | <br>3.65<br>0.6<br>ns |
| **X** | Plant : height (cm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>39.4<br>4.8<br>3.71 | <br>36.4<br>3.6<br>ns | <br>29.3<br>2.6<br>P≤0.01 |
| **X** | Plant : width (cm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>54.1<br>6.1<br>6.10 | <br>54.1<br>7.6<br>ns | <br>44.5<br>4.5<br>P≤0.01 |

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



From left - Sprilomjan, Sprilomance, LNDS747, Little Pal and Lime Tuff and showing difference in size and plant growth forms

**Details of Application**

| | |
|---|---|
| **Application Number** | 2016/328 |
| **Variety Name** | 'RADIENT' |
| **Genus Species** | *Lachenalia* jacq. F. ex Murray |
| **Common Name** | Lachenalia |
| **Accepted Date** | 21-Feb-2017 |
| **Applicant** | Agricultural Research Council, Hatfield, South Africa |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | LNL 19 |
| **Location** | Roelofarendsveen, NL |
| **Descriptor** | TG/126/4 |
| **Period** | 2015 |
| **Conditions** | All measurements and observations taken according to UPOV guideline TG/126/4 |
| **Trial Design** | According to UPOV guideline TG/126/4 |
| **Measurements** | According to UPOV guideline TG/126/4 |
| **RHS Chart - edition** | Fifth Edition (2007) |

**Origin and Breeding**

Induced mutation: seed parent 'Rupert'. Material treated in 2003-2004. The seed parent is characterised by a purple flower colour and maroon coloured leaf spots with low contrast. 'Radient' was selected in 2005 by the inventors in a controlled environment at Agricultural Research Council Vegetable and Ornamental Plant Institute, Roodeplaat, Pretoria, Republic of South Africa. Selection criteria: attractive flower colour combination, good keeping quality and suited to commercial production. Propagation: vegetative cuttings found to be uniform and stable. Breeder: ~~Riana Kleynhans~~, Agricultural Research Council, Republic of South Africa.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | spots on upper side | present |
| Outer perianth segment | colour of apex relative to other part | clearly different |
| Inner perianth segment | colour of margin of apex relative to other par | clearly different |

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

| Name | Comments |
|---|---|
| 'Aqua Lady' | |

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

| Organ/Plant Part: Context | 'RADIENT' | 'Aqua Lady' |
|---|---|---|
| ☐ Leaf: attitude | semi-erect | |
| ☐ *Leaf: length | medium | |
| ☐ *Leaf: width | medium to wide | |
| ☐ Leaf: ratio length/width | large | |
| ☐ *Leaf: shape | lanceolate | |
| ☒ Leaf: colour | light green | dark green |
| ☐ Leaf: shape in cross section | angular | |
| ☐ Leaf: recurving of margin | absent | |
| ☐ Leaf: undulation of margin | present | |
| ☐ Leaf: blistering of upper side | absent | |
| ☐ Leaf: pubescence of upper side | absent | |
| ☐ *Leaf: spots on upper side | present | |
| ☐ Leaf: colour of spots on upper side | purplish | |
| ☐ Leaf: size of spots on upper side | medium | |
| ☐ Leaf: density of spots on upper side | medium | |
| ☐ Leaf: intensity of colour of spots on upper side | medium to dark | |
| ☐ *Leaf: markings on outer side of leaf base | present | |
| ☐ *Peduncle: length | short to medium | |
| ☐ *Peduncle: spots or markings | present | |
| ☐ Peduncle: size of spots or markings | small | |
| ☐ Peduncle: density of spots or markings | dense | |
| ☒ *Inflorescence: length | short | long |
| ☐ Inflorescence: rudimentary apex | conspicuous | |
| ☐ Inflorescence: number of flowers | many | |
| ☐ Flower: attitude | horizontal to pendulous | |
| ☐ *Flower: pedicel | present | |
| ☐ Flower: length of pedicel | short | |
| ☐ *Flower: length | medium | |
| ☐ *Flower: diameter excluding apex | medium | |
| ☐ *Flower: diameter at apex | medium to large | |

| | | |
|---|---|---|
| ☐ *Flower: attitude of distal part of inner perianth segments | spreading | |
| ☐ Flower: glossiness | absent | |
| ☒ *Flower: predominant colour | purple | white |
| ☐ Flower: intensity of predominant colour | medium | |
| ☐ Outer perianth segment: colour of basal part just before opening of flower (RHS colour chart) | 93D | |
| ☐ *Outer perianth segment: colour of basal part of fully opened flower (RHS colour chart) | 93D | |
| ☐ *Outer perianth segment: colour of apex relative to other part | clearly different | |
| ☐ *Outer perianth segment: colour of apex if clearly different from other part | yellow-green | |
| ☐ *Inner perianth segment: distinct spot in middle of apex | absent | |
| ☐ *Inner perianth segment: colour of margin of apex relative to other part | clearly different | |
| ☐ *Inner perianth segment: colour of differently coloured margin of apex | purple | |
| ☐ *Inner periant segment: predominant colour of exposed part (RHS colour chart) | 155A | |
| ☐ Flower: length of inner perianth segment compared to outer segments | much longer | |
| ☐ *Flower: extrusion of stamens | present | |
| ☐ Flower: fragrance | absent | |
| ☐ *Time of: flowering | medium to late | |
| ☐ *Duration of: flowering | medium | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2014 | Granted | 'RADIENT' |
| SA | 2009 | Granted | 'RADIENT' |
| USA | 2015 | Granted | 'RADIENT' |

No prior sale.

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



*Lachenalia* ‘RADIENT’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2016/329 |
| **Variety Name** | 'JOSEPHINE' |
| **Genus Species** | *Lachenalia* jacq. F. ex Murray |
| **Common Name** | Lachenalia |
| **Accepted Date** | 21-Feb-2017 |
| **Applicant** | Agricultural Research Council, Hatfield, South Africa |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | LNL 18 |
| **Location** | Roelofarendsveen, NL |
| **Descriptor** | TG/126/4 |
| **Period** | 2015 |
| **Conditions** | All measurements and observations taken according to UPOV guideline TG/126/4 |
| **Trial Design** | According to UPOV guideline TG/126/4 |
| **Measurements** | According to UPOV guideline TG/126/4 |
| **RHS Chart - edition** | 2007 |

**Origin and Breeding**

Controlled pollination: seed parent crossed with pollen parent in 2009. The seed parent is characterised by a green flower colour, hyacinth-like flower form and compact plant growth habit. The pollen parent is characterised by a plain, bright yellow coloured, hanging bell shaped flower. 'JOSEPHINE' was selected in 2010 by the inventor in a controlled environment at Agricultural Research Council Vegetable and Ornamental Plant Institute, Roodeplaat, Pretoria, Republic of South Africa. Selection criteria: attractive flower colour, good keeping quality and suited to commercial production. Propagation: vegetative cuttings found to be uniform and stable. Breeder: ~~Riana Kleynhans~~, Agricultural Research Council, Republic of South Africa.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | colour | dark green |
| Leaf | shape | lanceolate |
| Inner perianth segment | colour of margin of apex relative to other part | clearly different |
| Inner perianth segment | colour of differently coloured margin of apex relative | purple |

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

| Name | Comments |
|---|---|
| 'Cherise' | ' |

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

| Organ/Plant Part: Context | 'JOSEPHINE' | 'Cherise' |
|---|---|---|
| ☐ Leaf: attitude | semi-erect to spreading | |
| ☒ *Leaf: length | medium | long |
| ☐ *Leaf: width | narrow | |
| ☐ Leaf: ratio length/width | medium to large | |
| ☐ *Leaf: shape | lanceolate | |
| ☐ Leaf: colour | dark green | |
| ☐ Leaf: shape in cross section | angular | |
| ☐ Leaf: recurving of margin | present | |
| ☐ Leaf: undulation of margin | present | |
| ☐ Leaf: blistering of upper side | absent | |
| ☐ Leaf: pubescence of upper side | absent | |
| ☒ *Leaf: spots on upper side | absent | present |
| ☐ *Leaf: markings on outer side of leaf base | absent | |
| ☐ *Peduncle: length | medium | |
| ☐ *Peduncle: spots or markings | present | |
| ☐ Peduncle: size of spots or markings | large | |
| ☐ Peduncle: density of spots or markings | medium | |
| ☐ *Inflorescence: length | medium to long | |
| ☐ Inflorescence: rudimentary apex | conspicuous | |
| ☐ Inflorescence: number of flowers | medium | |
| ☐ Flower: attitude | horizontal to pendulous | |
| ☐ *Flower: pedicel | present | |
| ☐ Flower: length of pedicel | medium | |
| ☐ *Flower: length | short to medium | |
| ☐ *Flower: diameter excluding apex | medium | |
| ☐ *Flower: diameter at apex | medium | |

| | | |
|---|---|---|
| ☐ *Flower: attitude of distal part of inner perianth segments | spreading | |
| ☐ Flower: glossiness | absent | |
| ☒ *Flower: predominant colour | yellow | pink |
| ☐ Flower: intensity of predominant colour | strong | |
| ☐ Outer perianth segment: colour of basal part just before opening of flower (RHS colour chart) | 151A | |
| ☐ *Outer perianth segment: colour of basal part of fully opened flower (RHS colour chart) | 151A | |
| ☐ *Outer perianth segment: colour of apex relative to other part | similar | |
| ☐ *Inner perianth segment: distinct spot in middle of apex | absent | |
| ☐ *Inner perianth segment: colour of margin of apex relative to other part | clearly different | |
| ☐ *Inner perianth segment: colour of differently coloured margin of apex | purple | |
| ☐ *Inner periant segment: predominant colour of exposed part (RHS colour chart) | 151C | |
| ☐ Flower: length of inner perianth segment compared to outer segments | longer | |
| ☐ *Flower: extrusion of stamens | present | |
| ☐ Flower: fragrance | absent | |
| ☐ *Time of: flowering | early | |
| ☐ *Duration of: flowering | medium | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2014 | Granted | 'JOSEPHINE' |
| SA | 2009 | Granted | 'JOSEPHINE' |
| USA | 2015 | Granted | 'JOSEPHINE' |

No prior sale.

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



*Lachenalia* ‘JOSEPHINE’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2016/331 |
| **Variety Name** | 'AQUA LADY' |
| **Genus Species** | *Lachenalia* jacq. F. ex Murray |
| **Common Name** | Lachenalia |
| **Accepted Date** | 21-Feb-2017 |
| **Applicant** | Agricultural Research Council, Hatfield, Republic of South Africa. |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | LNL 16 |
| **Location** | Roelofarendsveen, NL |
| **Descriptor** | TG/126/4 |
| **Period** | 2015 |
| **Conditions** | All measurements and observations taken according to UPOV guideline TG/126/4 |
| **Trial Design** | According to UPOV guideline TG/126/4 |
| **Measurements** | According to UPOV guideline TG/126/4 |
| **RHS Chart - edition** | 2007 |

**Origin and Breeding**

Controlled pollination: seed parent 1978/93~~/198'~~ x pollen parent *L. viridflora* in 2009. The seed parent is characterised by a purple flower colour with darker purple tips. The pollen parent is characterised by a blue coloured flowers, few flowers and short peduncle and inflorescence lengths. 'AQUA LADY' was selected in 2010 by the inventor in a controlled environment at Agricultural Research Council Vegetable and Ornamental Plant Institute, Roodeplaat, Pretoria, Republic of South Africa. Selection criteria: attractive flower colour, good keeping quality and suited to commercial production. Propagation: vegetative cuttings found to be uniform and stable. Breeder: ~~Riana Kleynhans,~~ Agricultural Research Council, Republic of South Africa.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | spots on upper side | present |
| Leaf | colour of spots | purplish |
| Inner perianth segment | colour of differently coloured margin of apex relative | purple |

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

| Name | Comments |
|---|---|
| 'Rupert' | |

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

| Organ/Plant Part: Context | 'AQUA LADY' | 'Rupert' |
|---|---|---|
| ☐ Leaf: attitude | spreading | |
| ☒ *Leaf: length | medium to long | short to medium |
| ☐ *Leaf: width | narrow | |
| ☐ Leaf: ratio length/width | medium to large | |
| ☐ *Leaf: shape | lanceolate | |
| ☐ Leaf: colour | dark green | |
| ☐ Leaf: shape in cross section | angular | |
| ☐ Leaf: recurving of margin | absent | |
| ☐ Leaf: undulation of margin | absent | |
| ☐ Leaf: blistering of upper side | absent | |
| ☐ Leaf: pubescence of upper side | absent | |
| ☐ *Leaf: spots on upper side | present | |
| ☐ Leaf: colour of spots on upper side | purplish | |
| ☐ Leaf: size of spots on upper side | small to medium | |
| ☐ Leaf: density of spots on upper side | medium | |
| ☐ Leaf: intensity of colour of spots on upper side | dark | |
| ☐ *Leaf: markings on outer side of leaf base | absent | |
| ☐ *Peduncle: length | short | |
| ☐ *Peduncle: spots or markings | present | |
| ☐ Peduncle: size of spots or markings | very small to small | |
| ☐ Peduncle: density of spots or markings | dense to very dense | |
| ☒ *Inflorescence: length | long | medium |
| ☐ Inflorescence: rudimentary apex | conspicuous | |
| ☐ Inflorescence: number of flowers | many | |
| ☐ Flower: attitude | pendulous | |
| ☐ *Flower: pedicel | present | |
| ☐ Flower: length of pedicel | short | |
| ☐ *Flower: length | medium to long | |
| ☐ *Flower: diameter excluding apex | medium | |
| ☐ *Flower: diameter at apex | medium | |
| ☐ *Flower: attitude of distal part of inner perianth segments | spreading | |
| ☐ Flower: glossiness | absent | |
| ☐ *Flower: predominant colour | white | |

| | |
|---|---|
| ☐ Outer perianth segment: colour of basal part just before opening of flower (RHS colour chart) | between 120B and 124B |
| ☐ *Outer perianth segment: colour of basal part of fully opened flower (RHS colour chart) | between 120C and 124B |
| ☐ *Outer perianth segment: colour of apex relative to other part | clearly different |
| ☐ *Outer perianth segment: colour of apex if clearly different from other part | purplish |
| ☐ *Inner perianth segment: distinct spot in middle of apex | absent |
| ☐ *Inner perianth segment: colour of margin of apex relative to other part | clearly different |
| ☐ *Inner perianth segment: colour of differently coloured margin of apex | purple |
| ☐ *Inner periant segment: predominant colour of exposed part (RHS colour chart) | NN155A |
| ☐ Flower: length of inner perianth segment compared to outer segments | longer |
| ☐ *Flower: extrusion of stamens | present |
| ☐ Flower: fragrance | absent |
| ☐ Bulb: predominant shape | oblate |
| ☐ *Time of: flowering | early |
| ☐ *Duration of: flowering | medium to long |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2014 | Granted | 'AQUA LADY' |
| SA | 2009 | Granted | 'AQUA LADY' |
| USA | 2015 | Granted | 'AQUA LADY' |
| NZ | 2016 | pending | 'AQUA LADY' |

First sold as 'AQUA LADY' in South Africa on 29th June 2016

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



*Lachenalia* ‘AQUA LADY’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2016/332 |
| **Variety Name** | 'RIANA' |
| **Genus Species** | *Lachenalia* jacq. F. ex Murray |
| **Common Name** | Lachenalia |
| **Accepted Date** | 21-Feb-2017 |
| **Applicant** | Agricultural Research Council, Hatfield, Republic of South Africa. |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | LNL 20 |
| **Location** | Roelofarendsveen, NL |
| **Descriptor** | TG/126/4 |
| **Period** | 2015 |
| **Conditions** | All measurements and observations taken according to UPOV guideline TG/126/4 |
| **Trial Design** | According to UPOV guideline TG/126/4 |
| **Measurements** | According to UPOV guideline TG/126/4 |
| **RHS Chart - edition** | 2007 |

**Origin and Breeding**

Controlled pollination: seed parent '1978/93' x pollen parent '1973/2' in 2000. The seed parent is characterised by a purple flower colour. The pollen parent is characterised by a yellow coloured, tubular flower. 'RIANA' was selected in 2008 by the inventor in a controlled environment at Agricultural Research Council Vegetable and Ornamental Plant Institute, Roodeplaat, Pretoria, Republic of South Africa. Selection criteria: attractive flower colour, good keeping quality and suited to commercial production. Propagation: vegetative cuttings found to be uniform and stable. Breeder: ~~Riana Kleynhans,~~ Agricultural Research Council, Republic of South Africa.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Peduncle | length | medium |
| Peduncle | spots or markings | present |
| Inner perianth segment | colour of margin of apex relative to other part | clearly different |
| Inner perianth segment | colour of differently coloured margin of apex | purple |

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

| Name | Comments |
|---|---|
| 'Josephine | ' |

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

| Organ/Plant Part: Context | 'RIANA' | 'Josephine' |
|---|---|---|
| ☐ Leaf: attitude | semi-erect | |
| ☒ *Leaf: length | long | medium |
| ☐ *Leaf: width | medium | |
| ☐ Leaf: ratio length/width | large | |
| ☐ *Leaf: shape | lanceolate | |
| ☐ Leaf: colour | light green | |
| ☐ Leaf: shape in cross section | angular | |
| ☐ Leaf: recurving of margin | absent | |
| ☐ Leaf: undulation of margin | present | |
| ☐ Leaf: blistering of upper side | absent | |
| ☐ Leaf: pubescence of upper side | absent | |
| ☐ *Leaf: spots on upper side | present | |
| ☐ Leaf: colour of spots on upper side | purplish | |
| ☐ Leaf: size of spots on upper side | medium to large | |
| ☐ Leaf: density of spots on upper side | medium to dense | |
| ☐ Leaf: intensity of colour of spots on upper side | dark | |
| ☐ *Leaf: markings on outer side of leaf base | present | |
| ☐ *Peduncle: length | medium | |
| ☐ *Peduncle: spots or markings | present | |
| ☐ Peduncle: size of spots or markings | small to medium | |
| ☐ Peduncle: density of spots or markings | dense to very dense | |
| ☐ *Inflorescence: length | short to medium | |
| ☐ Inflorescence: rudimentary apex | conspicuous | |
| ☐ Inflorescence: number of flowers | many | |
| ☐ Flower: attitude | pendulous | |
| ☐ *Flower: pedicel | present | |
| ☐ Flower: length of pedicel | medium | |
| ☐ *Flower: length | short to medium | |
| ☐ *Flower: diameter excluding apex | medium to large | |
| ☐ *Flower: diameter at apex | medium to large | |

| | | |
|---|---|---|
| ☐ *Flower: attitude of distal part of inner perianth segments | spreading | |
| ☐ Flower: glossiness | absent | |
| ☒ *Flower: predominant colour | pink | yellow |
| ☐ Flower: intensity of predominant colour | medium to strong | |
| ☐ Outer perianth segment: colour of basal part just before opening of flower (RHS colour chart) | N87D | |
| ☐ *Outer perianth segment: colour of basal part of fully opened flower (RHS colour chart) | 64D | |
| ☐ *Outer perianth segment: colour of apex relative to other part | clearly different | |
| ☐ *Outer perianth segment: colour of apex if clearly different from other part | yellow | |
| ☐ *Inner perianth segment: distinct spot in middle of apex | absent | |
| ☐ *Inner perianth segment: colour of margin of apex relative to other part | clearly different | |
| ☐ *Inner perianth segment: colour of differently coloured margin of apex | purple | |
| ☐ *Inner perianth segment: predominant colour of exposed part (RHS colour chart) | 155A | |
| ☐ Flower: length of inner perianth segment compared to outer segments | much longer | |
| ☐ *Flower: extrusion of stamens | present | |
| ☐ Flower: fragrance | absent | |
| ☐ *Time of: flowering | medium | |
| ☐ *Duration of: flowering | short to medium | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2014 | Granted | 'RIANA' |
| SA | 2009 | Granted | 'RIANA' |
| USA | 2015 | Granted | 'RIANA' |

No prior sale.

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



*Lachenalia* ‘RIANA’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2016/333 |
| **Variety Name** | 'CHERISE' |
| **Genus Species** | *Lachenalia* jacq. F. ex Murray |
| **Common Name** | Lachenalia |
| **Accepted Date** | 21-Feb-2017 |
| **Applicant** | Agricultural Research Council, Hatfield, Republic of South Africa |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | LNL 17 |
| **Location** | Roelofarendsveen, NL |
| **Descriptor** | TG/126/4 |
| **Period** | 2015 |
| **Conditions** | All measurements and observations taken according to UPOV guideline TG/126/4 |
| **Trial Design** | According to UPOV guideline TG/126/4 |
| **Measurements** | According to UPOV guideline TG/126/4 |
| **RHS Chart - edition** | 2007 |

**Origin and Breeding**

Controlled pollination: seed parent '1978/93' x pollen parent '1973/6' in 2000. The seed parent is characterised by a purple flower colour, hyacinth-like flower form and compact plant growth habit. The pollen parent is characterised by a red and orange coloured flower. 'CHERISE' was selected in 2008 by the inventor in a controlled environment at Agricultural Research Council Vegetable and Ornamental Plant Institute, Roodeplaat, Pretoria, Republic of South Africa. Selection criteria: attractive flower colour, good keeping quality and suited to commercial production. Propagation: vegetative cuttings found to be uniform and stable. Breeder: ~~Riana Kleynhans,~~ Agricultural Research Council, Republic of South Africa.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | spots on upper side | present |
| Outer perianth segment | colour of apex relative to other part | clearly different |
| Inner perianth segment | colour of margin of apex relative to other part | clearly different |

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

| Name | Comments |
|---|---|
| 'Aqua Lady' | |

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

| Organ/Plant Part: Context | 'CHERISE' | 'Aqua Lady' |
|---|---|---|
| ☐ Leaf: attitude | semi-erect | |
| ☐ *Leaf: length | long | |
| ☐ *Leaf: width | narrow | |
| ☐ Leaf: ratio length/width | large | |
| ☐ *Leaf: shape | lanceolate | |
| ☐ Leaf: colour | dark green | |
| ☐ Leaf: shape in cross section | angular | |
| ☐ Leaf: recurving of margin | present | |
| ☐ Leaf: undulation of margin | absent | |
| ☐ Leaf: blistering of upper side | absent | |
| ☐ Leaf: pubescence of upper side | absent | |
| ☐ *Leaf: spots on upper side | present | |
| ☐ Leaf: colour of spots on upper side | purplish | |
| ☐ Leaf: size of spots on upper side | medium | |
| ☐ Leaf: density of spots on upper side | medium to dense | |
| ☐ Leaf: intensity of colour of spots on upper side | dark | |
| ☐ *Leaf: markings on outer side of leaf base | present | |
| ☒ *Peduncle: length | medium to long | short |
| ☐ *Peduncle: spots or markings | present | |
| ☐ Peduncle: size of spots or markings | small to medium | |
| ☐ Peduncle: density of spots or markings | medium to dense | |
| ☐ *Inflorescence: length | medium | |
| ☐ Inflorescence: rudimentary apex | conspicuous | |
| ☐ Inflorescence: number of flowers | many | |
| ☐ Flower: attitude | horizontal | |
| ☐ *Flower: pedicel | present | |
| ☐ Flower: length of pedicel | medium to long | |
| ☐ *Flower: length | long | |
| ☐ *Flower: diameter excluding apex | medium to large | |
| ☐ *Flower: diameter at apex | medium to large | |
| ☐ *Flower: attitude of distal part of inner perianth segments | spreading | |

| | | |
|---|---|---|
| ☐ Flower: glossiness | absent | |
| ☒ *Flower: predominant colour | pink | white |
| ☐ Flower: intensity of predominant colour | medium | |
| ☐ Outer perianth segment: colour of basal part just before opening of flower (RHS colour chart) | 34D | |
| ☐ *Outer perianth segment: colour of basal part of fully opened flower (RHS colour chart) | 34D | |
| ☐ *Outer perianth segment: colour of apex relative to other part | clearly different | |
| ☐ *Outer perianth segment: colour of apex if clearly different from other part | yellow-green | |
| ☐ *Inner perianth segment: distinct spot in middle of apex | present | |
| ☐ *Inner perianth segment: colour of margin of apex relative to other part | clearly different | |
| ☐ *Inner perianth segment: colour of differently coloured margin of apex | purple | |
| ☐ *Inner periant segment: predominant colour of exposed part (RHS colour chart) | 27A | |
| ☐ Flower: length of inner perianth segment compared to outer segments | much longer | |
| ☐ *Flower: extrusion of stamens | present | |
| ☐ Flower: fragrance | absent | |
| ☐ *Time of: flowering | late | |
| ☐ *Duration of: flowering | medium | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2014 | Granted | 'CHERISE' |
| SA | 2009 | Granted | 'CHERISE' |
| USA | 2015 | Granted | 'CHERISE' |

No prior sale.

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



*Lachenalia* ‘CHERISE’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2017/211 |
| **Variety Name** | 'AMID' |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Accepted Date** | 03-Aug-2017 |
| **Applicant** | VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o., Czech Republic |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, KALLANGUR, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Monbulk, VIC |
| **Descriptor** | TG/35/8 |
| **Period** | 2019-2025 |
| **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 repository. All cultural practices were done as per the repository planting management. |
| **Measurements** | Measurements were taken from 10 trees of both the variety and comparator. |

**RHS Chart - edition** N/A

**Origin and Breeding**

Controlled Pollination: The new variety was derived from a controlled pollination in April, 1988 between the cherry variety 'Kordia' and the cherry variety 'Vic'. Cross pollinated seedlings (hybrids) were planted in the orchard and evaluated with respect to fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time. Candidates which met this criteria were propagated by grafting on dwarfing rootstocks, planted in the orchard and again evaluated in a second step in the process of identifying elite selections. Evaluation was focused on traits of fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time and storage characteristics. Amid was identified as meeting these criteria and tested for commercialisation on selected commercial orchards. Amid was found to retain its distinctive characteristics and remain true to type through successive propagations. Breeder: Ing. Jitka Blazkova, VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o. (Research and Breeding Institute of Pomology Holovousy) , Horice, Czech Republic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf: | Colour of nectaries | red |
| Young shoot: | Pubescence of apex | absent or very sparse to sparse |
| Fruit: | Length of stalk | long to very long |
| Time of: | Beginning of fruit ripening | late to very late |

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

| Name | Comments |
|---|---|

‘Staccato’
‘Kordia’
‘Justyna’
‘Skeena’
‘Irena’

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

| Organ/Plant Part: Context | ‘AMID’ | ‘Irena’ | ‘Justyna’, | ‘Kordia’ | ‘Skeena’, | ‘Staccato’ |
|---|---|---|---|---|---|---|
| ☒ Tree: vigour | medium | medium | medium | medium | medium | weak |
| ☒ Tree: habit | semi-upright | upright | spreading | upright | upright | semi-upright |
| ☐ Tree: density of branching | medium | medium | medium | medium | medium | medium |
| ☒ One-year-old shoot: number of lenticels | very few | very few | few | few | few | medium |
| ☐ One-year-old shoot: position of vegetative bud in relation to shoot | erect | erect | erect | erect | erect | erect |
| ☒ Young shoot: anthocyanin colouration of apex | medium | medium | medium | weak | absent or very weak | medium |
| ☐ Young shoot: pubescence of apex | absent or very sparse | absent or very sparse | absent or very sparse | absent or very sparse | sparse | absent or very sparse |
| ☒ Fruiting spur: shape of apex | acute | obtuse | obtuse | obtuse | obtuse | obtuse |
| ☒ Leaf blade: length | long | short to medium | medium to long | long | long | long |
| ☐ Leaf blade: width | medium to broad | medium | medium to broad | broad | broad | broad |
| ☐ Leaf blade: ratio length/width | medium to high | medium | medium | medium | low | medium |
| ☐ Leaf blade: intensity of green colour of upper side | medium | medium | medium | medium | medium | medium |
| ☒ Leaf: length of petiole | medium | medium | medium to long | long | long | medium to long |
| ☐ Leaf: ratio length of blade/length of petiole | medium | low to medium | medium | medium to high | medium | medium to high |
| ☐ Leaf: predominant number of nectaries | two | two | two | two | two | two |
| ☐ Leaf: colour of nectaries | red | red | red | red | red | red |
| ☒ Flower: diameter | medium | very large | medium | medium | medium | medium |
| ☒ Flower: shape of petal | circular | circular | circular | circular | circular | broad obovate |

| | | | | | | |
|---|---|---|---|---|---|---|
| ☒ Flower: arrangement of petals | overlapping | intermediate | overlapping | overlapping | overlapping | intermediate |
| ☒ Anthers: position in relation to top of petals | below | below | same level | below | below | same level |
| ☒ Stigma: position in relation to anthers | below | same level | same level | below | below | same level |
| ☐ Fruit: size | large | medium to large | large | large | large to very large | medium to large |
| ☒ Fruit: height | medium | medium | medium | large | very large | large |
| ☒ Fruit: width | medium | broad | broad | medium | very broad | broad |
| ☒ Fruit: ratio height/width | medium | medium | medium | medium | low | medium |
| ☒ Fruit: shape in ventral view | reniform | reniform | cordate | cordate | reniform | reniform |
| ☒ Fruit: shape in cross section | circular | elliptic | circular | circular | circular | circular |
| ☐ Fruit: shape of base | medium cordate | medium cordate | medium cordate | medium cordate | truncate or weakly cordate | medium cordate |
| ☒ Fruit: shape of apex in dorsal view | convex | flat | flat | convex | concave | flat |
| ☒ Fruit: suture | absent or slightly conspicuous | strongly conspicuous | absent or slightly conspicuous | absent or slightly conspicuous | absent or slightly conspicuous | absent or slightly conspicuous |
| ☐ Fruit: length of stalk | long | long to very long | long | long | long | long |
| ☐ Fruit: thickness of stalk | medium | thin | medium | medium | medium | medium |
| ☒ Fruit: adherence to stalk | strong | medium | medium | medium | strong | strong |
| ☒ Fruit: ground colour of skin | dark red | dark red | dark red | dark red | brown red | brown red |
| ☐ Fruit: relative area of over colour | very large | large | large | large | large | large |
| ☒ Fruit: size of lenticels on skin | small | very small | small | small | small | medium |
| ☒ Fruit: number of lenticels on skin | absent or very few | absent or very few | absent or very few | absent or very few | few | few |
| ☒ Fruit: thickness of skin | thin | medium | thin | thin | thin | thin |
| ☒ Fruit: main colour of flesh | dark red | medium red | pink | dark red | dark red | medium red |
| ☒ Fruit: colour of juice | red | red | pink | red | purple | purple |

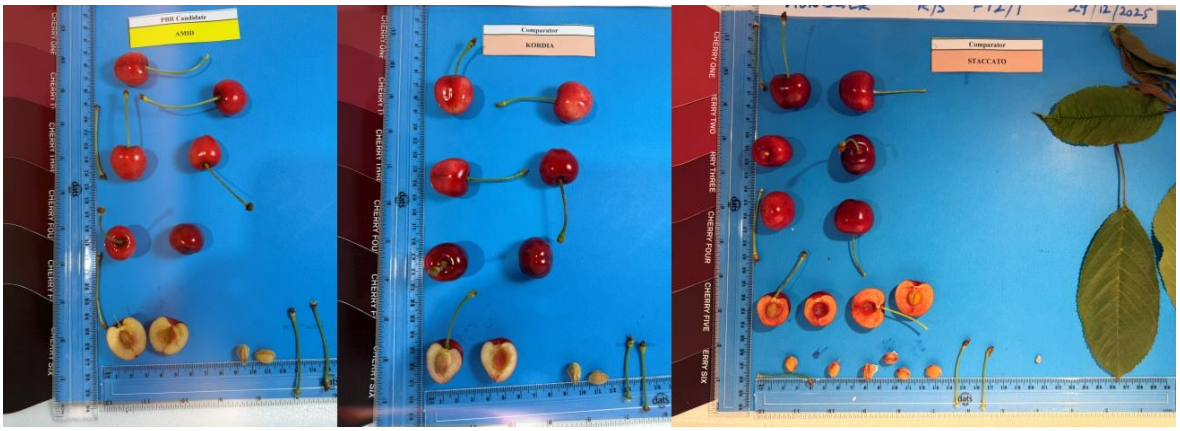
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|---|---|---|---|---|---|---|
| ☒ Fruit: firmness | medium | firm | medium | firm | firm | firm |
| ☒ Fruit: sweetness | high | high | high | high | low to medium | high |
| ☐ Fruit: acidity | medium | medium | medium | medium | medium | low |
| ☒ Stone: size | medium | medium | medium | medium | large | large |
| ☒ Fruit: ratio size of fruit/size of stone | low | low | low | low | high | medium |
| ☒ Stone: shape in ventral view | medium elliptic | broad elliptic | medium elliptic | medium elliptic | circular | medium elliptic |
| ☐ Time of beginning of flowering: | medium to late | late to very late | medium to late | medium to late | late | medium |
| ☐ Time of beginning of fruit ripening: | late | late to very late | late | late | late | late to very late |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'AMID' | 'Irena' | 'Justyna' | 'Kordia' | 'Skeena' | 'Staccato' |
|---|---|---|---|---|---|---|
| ☒ Fruit: beginning of fruit ripening | late | very late | late | late | late | very late |

**Prior Applications and Sales:** Nil

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




Sweet cherry *(Prunus avium)* variety 'Amid' with comparators 'Kordia' and 'Staccato'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2017/212 |
| **Variety Name** | 'FABIOLA' |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Accepted Date** | 03-Aug-2017 |
| **Applicant** | VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o., Horice, Czech Republic |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Monbulk, VIC |
| **Descriptor** | TG/35/8 |
| **Period** | 2019-2025 |
| **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 repository. All cultural practices were done as per the repository planting management. |
| **Measurements** | Measurements were taken from 10 trees of both the variety and comparator. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: of 'Van' x 'Kordia' was done in May 1979 at the Research and Breeding Institute of Pomology Holovousy Ltd., Horice, Czech Republic. Cross pollinated seedlings (hybrids) were planted in the orchard and evaluated with respect to fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time. Candidates which met this criteria were propagated by grafting on dwarfing rootstocks, planted in the orchard and again evaluated in a second step in the process of identifying elite selections. Evaluation was focused on traits of fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time and storage characteristics. Fabiola was identified as meeting these criteria and tested for commercialisation on selected commercial orchards. Fabiola was found to retain its distinctive characteristics and remain true to type through successive propagations.
Breeder: Ing. Jitka Blazkova, Research and Breeding Institute of Pomology Holovousy (VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o.), Horice, Czech Republic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Time of | beginning of fruit ripening | Late |

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

| Name | Comments |
|---|---|
| 'Skeena' | |
| 'Kordia' | |

‘Irena’

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

| Organ/Plant Part: Context | ‘FABIOLA’ | ‘Irena’ | ‘Kordia’ | ‘Skeena’ |
|---|---|---|---|---|
| ☐ Tree: vigour | medium | medium | medium | medium |
| ☒ Tree: habit | semi-upright | upright | semi-upright | upright |
| ☐ Tree: density of branching | medium | medium | medium | medium |
| ☐ One-year-old shoot: number of lenticels | few | very few | few | few |
| ☒ One-year-old shoot: position of vegetative bud in relation to shoot | adpressed | erect | erect | erect |
| ☒ Young shoot: anthocyanin colouration of apex | strong | medium | weak | absent or very weak |
| ☐ Young shoot: pubescence of apex | sparse | absent or very sparse | absent or very sparse | sparse |
| ☒ Fruiting spur: shape of apex | obtuse | acute | obtuse | obtuse |
| ☒ Leaf blade: length | long | short to medium | medium to long | long |
| ☐ Leaf blade: width | medium to broad | medium | broad | broad |
| ☐ Leaf blade: ratio length/width | low to medium | medium | medium | low |
| ☒ Leaf blade: intensity of green colour of upper side | medium | dark | medium | medium |
| ☐ Leaf: length of petiole | medium to long | medium | medium to long | long |
| ☒ Leaf: ratio length of blade/length of petiole | low to medium | medium | medium to high | medium |
| ☒ Leaf: predominant number of nectaries | more than two | two | two | two |
| ☒ Leaf: colour of nectaries | orange yellow | red | red | red |
| ☒ Flower: diameter | small | very large | medium | medium |
| ☒ Flower: shape of petal | medium obovate | circular | circular | circular |
| ☒ Flower: arrangement of petals | overlapping | overlapping | intermediate | overlapping |
| ☐ Anthers: position in relation to top of petals | below | below | below | below |
| ☐ Stigma: position in relation to anthers | below | same level | below | below |
| ☒ Fruit: size | large to very large | medium to large | large | very large |

| | | | | | |
|---|---|---|---|---|---|
| ☐ | Fruit: height | medium | medium | large | very large |
| ☒ | Fruit: width | broad | broad | medium | very broad |
| ☐ | Fruit: ratio height/width | medium | medium | medium | low |
| ☒ | Fruit: shape in ventral view | reniform | reniform | cordate | reniform |
| ☒ | Fruit: shape in cross section | circular | elliptic | circular | circular |
| ☐ | Fruit: shape of base | medium cordate | medium cordate | medium cordate | strongly cordate |
| ☒ | Fruit: shape of apex in dorsal view | flat | flat | convex | concave |
| ☒ | Fruit: suture | absent or slightly conspicuous | strongly conspicuous | absent or slightly conspicuous | absent or slightly conspicuous |
| ☒ | Fruit: length of stalk | medium | long to very long | long | long |
| ☒ | Fruit: thickness of stalk | thick | thin | medium | medium |
| ☒ | Fruit: adherence to stalk | medium | medium | strong | strong |
| ☒ | Fruit: ground colour of skin | medium red | dark red | dark red | brown red |
| ☒ | Fruit: relative area of over colour | medium | large | large | medium |
| ☒ | Fruit: size of lenticels on skin | medium | very small | small | small |
| ☐ | Fruit: number of lenticels on skin | absent or very few | absent or very few | absent or very few | few |
| ☒ | Fruit: thickness of skin | thin | medium | thin | thin |
| ☒ | Fruit: main colour of flesh | pink | medium red | dark red | dark red |
| ☒ | Fruit: colour of juice | pink | red | red | purple |
| ☒ | Fruit: firmness | medium | firm | firm | firm |
| ☒ | Fruit: sweetness | high | high | high | low to medium |
| ☐ | Fruit: acidity | medium | medium | medium | medium |
| ☒ | Stone: size | small | medium | medium | large |
| ☒ | Fruit: ratio size of fruit/size of stone | low | low | low | high |
| ☒ | Stone: shape in ventral view | medium elliptic | broad elliptic | medium elliptic | circular |
| ☐ | Time of beginning of flowering: | early to medium | late to very late | medium to late | late |
| ☐ | Time of beginning of fruit ripening: | late | late to very late | late | late |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'FABIOLA' | 'Irena' | 'Kordia' | 'Skeena' |
|---|---|---|---|---|
| ☐ Fruit: beginning of fruit ripening | late | very late | late | late |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| Czech Republic | 28/12/2012 | Granted | 'Fabiola' |

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




Cherry (*prunus avium*) variety 'Fabiola' with comparators (left to right) 'Irena', 'Kordia' and 'Skeena'.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2017/213 |
| **Variety Name** | 'HELGA' |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Accepted Date** | 03-Aug-2017 |
| **Applicant** | VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o., Horice, Czech Republic |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Monbulk, VIC |
| **Descriptor** | TG/35/8 |
| **Period** | 2019-2025 |
| **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 repository. All cultural practices were done as per the repository planting management. |
| **Measurements** | Measurements were taken from 10 trees of both the variety and comparator. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: Was done in April 1975 at the Research and Breeding Institute of Pomology Holovousy Ltd., Horice, Czech Republic. Cross pollinated seedlings (hybrids) were planted in the orchard and evaluated with respect to fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time. Candidates which met this criteria were propagated by grafting on dwarfing rootstocks, planted in the orchard and again evaluated in a second step in the process of identifying elite selections. Evaluation was focused on traits of fruit size, fruit characteristics (cracking resistance, taste, appearance), cropping, start of flowering, fruit ripening time and storage characteristics. Helga was identified as meeting these criteria and tested for commercialisation on selected commercial orchards. Helga was found to retain its distinctive characteristics and remain true to type through successive propagations. Breeder: Ing. Jitka Blazkova, Research and Breeding Institute of Pomology Holovousy(VYZKUMNY A SLECHTITELSKY USTAV OVOCNARSKY HOLOVOUSY s.r.o.), Horice, Czech Republic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Time of | beginning of fruit ripening | early |
| Fruit | size | medium to large |

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

| Name | Comments |
|---|---|
| 'Jacinta' | |

'Merchant'

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

| Organ/Plant Part: Context | 'HELGA' | 'Jacinta' | 'Merchant' |
|---|---|---|---|
| ☒ Tree: vigour | medium | strong | medium |
| ☒ Tree: habit | semi-upright | semi-upright | spreading |
| ☐ Tree: density of branching | medium | medium | medium |
| ☐ One-year-old shoot: number of lenticels | few | few | few |
| ☐ One-year-old shoot: position of vegetative bud in relation to shoot | erect | erect | erect |
| ☒ Young shoot: anthocyanin colouration of apex | medium | weak | strong |
| ☐ Young shoot: pubescence of apex | sparse | absent or very sparse | absent or very sparse |
| ☐ Fruiting spur: shape of apex | obtuse | obtuse | obtuse |
| ☐ Leaf blade: length | medium to long | medium | medium to long |
| ☐ Leaf blade: width | medium to broad | medium | medium to broad |
| ☐ Leaf blade: ratio length/width | low to medium | medium | medium |
| ☐ Leaf blade: intensity of green colour of upper side | medium | medium | medium |
| ☐ Leaf: length of petiole | short to medium | short to medium | short to medium |
| ☐ Leaf: ratio length of blade/length of petiole | medium to high | medium to high | medium to high |
| ☒ Leaf: predominant number of nectaries | two | two | more than two |
| ☐ Leaf: colour of nectaries | red | red | red |
| ☐ Flower: diameter | medium | medium | medium |
| ☐ Flower: shape of petal | circular | circular | circular |
| ☐ Flower: arrangement of petals | overlapping | overlapping | overlapping |
| ☒ Anthers: position in relation to top of petals | below | same level | below |
| ☒ Stigma: position in relation to anthers | below | same level | above |
| ☐ Fruit: size | large | large | medium |
| ☒ Fruit: height | large | large | medium |
| ☒ Fruit: width | broad | broad | medium |
| ☐ Fruit: ratio height/width | medium | medium | medium |
| ☒ Fruit: shape in ventral view | reniform | reniform | cordate |
| ☐ Fruit: shape in cross section | circular | circular | circular |

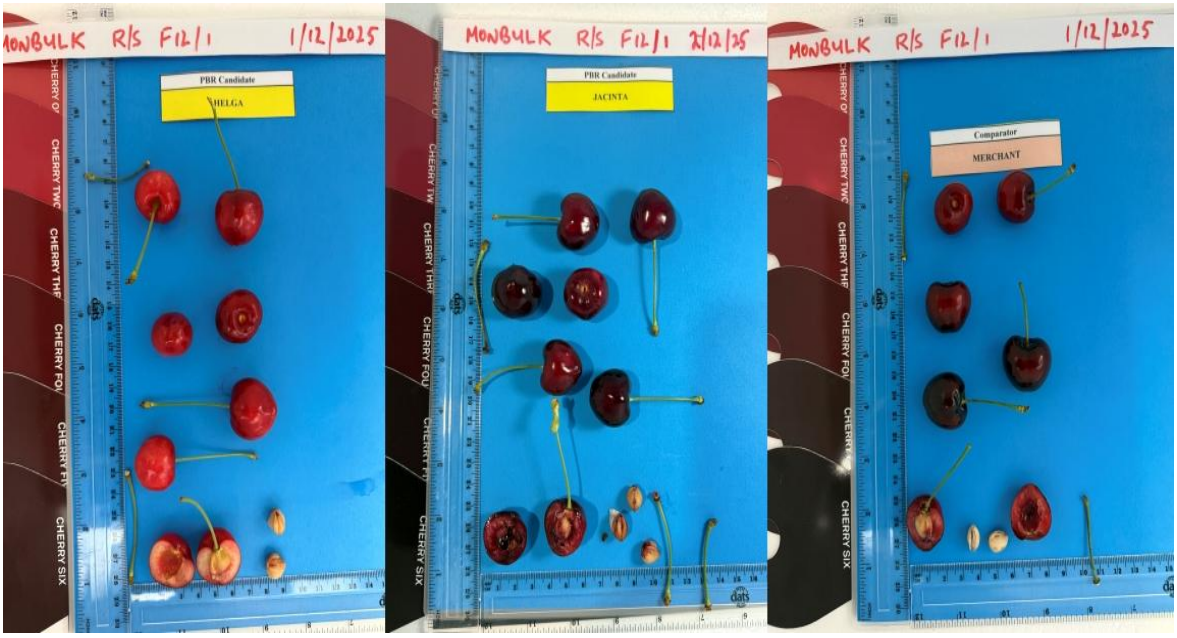
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|---|---|---|---|
| ☒ Fruit: shape of base | truncate or weakly cordate | medium cordate | medium cordate |
| ☒ Fruit: shape of apex in dorsal view | convex | flat | flat |
| ☐ Fruit: suture | absent or slightly conspicuous | absent or slightly conspicuous | absent or slightly conspicuous |
| ☒ Fruit: length of stalk | long to very long | long | short to medium |
| ☐ Fruit: thickness of stalk | medium | medium | medium |
| ☒ Fruit: adherence to stalk | strong | strong | medium |
| ☒ Fruit: ground colour of skin | dark red | dark red | blackish |
| ☐ Fruit: relative area of over colour | large | large | large |
| ☐ Fruit: size of lenticels on skin | small | small | small |
| ☐ Fruit: number of lenticels on skin | few | absent or very few | few |
| ☐ Fruit: thickness of skin | thin | thin | thin |
| ☒ Fruit: main colour of flesh | pink | dark red | dark red |
| ☒ Fruit: colour of juice | pink | pink | red |
| ☐ Fruit: firmness | medium | soft | medium |
| ☐ Fruit: sweetness | medium | medium to high | medium to high |
| ☐ Fruit: acidity | medium | medium | medium |
| ☐ Stone: size | medium | medium | medium |
| ☒ Fruit: ratio size of fruit/size of stone | medium | low | medium |
| ☒ Stone: shape in ventral view | ovate | broad elliptic | broad elliptic |
| ☐ Time of beginning of flowering: | early to medium | medium to late | early to medium |
| ☐ Time of beginning of fruit ripening: | early | early | early |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'HELGA'** | **'Jacinta'** | **'Merchant'** |
|---|---|---|---|
| ☐ Fruit: beginning of fruit ripening | early | early | early |

**Prior Applications and Sales**: Nil

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




Cherry (*prunus avium*) variety ‘Helga’ with comparators ‘Jacinta’ and ‘Merchant’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2017/238 |
| **Variety Name** | 'LAV1412' |
| **Genus Species** | *Lavandula* hybrid |
| **Common Name** | Lavender |
| **Accepted Date** | 20-Dec-2017 |
| **Applicant** | The Paradise Seed Company Pty Limited, Kariong, NSW. |
| **Qualified Person** | John Robb |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Kulnura, NSW. |
| **Descriptor** | TG/194/1 Rev. Lavandula/Lavender (*Lavandula* L.) |
| **Period** | 2017-2018 |
| **Conditions** | Mature plants in flower |
| **Trial Design** | Randomized block, 12 Plants of each both candidate and comparator |
| **Measurements** | As per UPOV guidelines |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Controlled pollination: This variety is the result of an extensive breeding programme spanning more than 15 years. In august 2011, a selected in-house form of *Lavandula* $F_1$ hybrid (breeder ref sp1050009) was self-pollinated. Seed from this cross was collected in November 2011 and sown immediately. There were approximately 150 resultant $F_2$ seedlings which were planted out into field beds in January 2012 and grown to flowering maturity between January 2012 & September 2012. In September 2012, 'LAV1412' was selected from this $F_2$ population as a new variety based on plant habit & floral characteristics. 'LAV1412' has been propagated via cuttings for at least 4 generations and has proven to be uniform & stable. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | Colour group | Similar flower colour |
| Flower | Colour group | Sterile bract colour |

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

| Name | Comments |
|---|---|
| 'Senros' | Similar flower colour & sterile bract colour |

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

| Organ/Plant Part: Context | 'LAV1412' | 'Senros' |
|---|---|---|
| ☒ *Plant: growth habit | globular | bushy |
| ☐ *Plant: size | medium | medium |
| ☐ Plant: intensity of green colour of foliage | light to medium | medium |
| ☐ Plant: intensity of grey tinge of foliage | medium | medium |
| ☐ *Plant: attitude of outer flowering stems | semi-erect | erect |
| ☒ *Plant: density | dense | medium |
| ☐ *Leaf: incisions of margin | absent | absent |
| ☐ Flowering stem: length | short to medium | Short |
| ☐ Flowering stem: thickness at middle third | medium | thin to medium |
| ☐ *Flowering stem: intensity of green colour | light | light to medium |
| ☒ Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only) | medium | Weak |
| ☒ *Spike: maximum width | very broad | narrow to medium |
| ☐ *Spike: total length | medium to long | medium |
| ☒ *Spike: shape | truncate conical | conical |
| ☐ Spike: number of flowers | many | medium to many |
| ☐ Spike: width of fertile bracts | medium | medium to broad |
| ☒ *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only) | green | red purple |
| ☐ *Spike: presence of infertile bracts | present | present |
| ☒ *Spike: length of infertile bracts (Stoechas section only) | long | short to medium |
| ☒ *Spike: shape of infertile bracts (Stoechas section only) | oblong | elliptic |
| ☒ *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart) | 75B | 72B |
| ☐ Spike: undulation of margin of infertile bracts (Stoechas section only) | strong | medium to strong |
| ☐ *Flower: colour of calyx | purplish | greenish |
| ☒ Time of: beginning of flowering | early | medium |

**Characteristics additional to the descriptor/TG**

| Organ/plant part: context | 'LAV1412' | 'Senros' |
|---|---|---|
| ☒ Spike: type | Compound cymeous | Simple cymeous |
| ☒ Corolla: main colour of corolla | N81b | 72a |
| ☒ Spike: number of infertile bracts | Many | Few |
| ☒ Leaf: shape in cross section | Convex | Flat/Convex |
| ☐ Leaf: length | Medium | Medium to long |
| ☐ Leaf: width | Medium | Medium |

**Prior Applications and Sales:** **Nil**

**Description:** John Robb, Kulnura, NSW**.**




Lavender (*Lavandula* hybrid)- Candidate 'Lav1412' showing differences in floral and foliar characteristics with comparator 'Senros'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2018/211 |
| **Variety Name** | 'Skilton' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2018-09-17 |
| **Applicant** | Enza Zaden Beheer B.V. Enkhuizen, NL |
| **Agent** | Spruson & Ferguson, Sydney, NSW 2001 |
| **Qualified Person** | Stephen Kammholz |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | SLA3902 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN NL |
| **Descriptor** | TG/13/11 Lettuce (13/11) |
| **Period** | 2018 |
| **Conditions** | OS test report used. |
| **Trial Design** | OS test report used. |
| **Measurements** | As per UPOV guidelines. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

'Skilton' originates from a controlled pollination made at Allonnes France in 2012. The F1 was selfed, then bulked at Narromine Australia summer 2012/13. F2 selections were made for Bremia resistance. F3's were selected at Allonnes France 2013. Plants were selected for size, leaf shape, tolerance to tip burn, bolting and Bremia resistance. F4's were selected at Allonnes France in 2014. Plants were selected for size, tolerance to tip burn and Bremia resistance. F5's were selected in Bacchis Marsh Australia in summer 2014/15. Plants were selected for size, leaf shape, tolerance to tip burn, bolting and Bremia resistance. The breeder code E01L.30419 was allocated. In 2015 the F5 selections were selfed then the seed bulked. Skilton was bred by Magali Lemont while under employment contract with the applicant.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | Anthocyanin colouration | Absent or very weak |
| Plant | Resistance to *Bremia lactucae* (BI) isolate BI: 16 EU | Present |
| Plant | Culture | Open field |
| Plant | Type | Multi divided |
| Plant | Resistance to *Bremia lactucae* (BI) isolate BI: 29 EU | Present |

| | | |
|---|---|---|
| Plant | Time of beginning of bolting | Late to very late |
| Seed | Colour | White |

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

| Variety | Comment |
|---|---|
| **'Exfiles'** | |

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

| | Plant/Organ Part: Context | 'Skilton' | 'Exfiles' |
|---|---|---|---|
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 29 | present | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 26 | present | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 25 | present | |
| x | Plant - diameter | small to medium | medium to large |
| | Leaf - anthocyanin colouration | absent or very weak | absent or very weak |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 22 | present | |
| | Plant - time of beginning of bolting | late to very late | |
| | Leaf - venation | flabellate | |
| | Bolting stem - fasciation | absent or very weak | |
| | Leaf - glossiness of upper side | weak | weak |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 20 | present | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 24 | present | |
| | Leaf - depth of incisions of margin | deep | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 21 | present | |
| | Seed - colour | white | white |
| | Plant - number of leaves | medium | |
| | Leaf - undulation of margin | weak | |
| | Resistance to Nasonovia ribisnigri (Nr) - 0 | present | |
| | Plant - axillary sprouting | medium | |
| | Leaf - attitude | erect to semi-erect | |
| | Plant - degree of overlapping of upper part of leaves | absent or weak | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 27 | present | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 30 | present | |

| | | | |
|---|---|---|---|
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 23 | present | |
| | Plant - Resistance to Lettuce mosaic virus (LMV) Pathotype II | present | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 16 | present | |
| | Leaf - number of divisions | many to very many | |
| | Leaf - type of incisions of margin | tridentate | |
| | Leaf - intensity of green colour | dark | dark |
| | Leaf - colour | green | green |
| | Leaf - blistering | absent or very weak | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 17 | present | |
| | Leaf - thickness | medium | |
| | Leaf - depth of secondary incisions of margin | shallow to medium | |
| | Resistance to *Bremia lactucae* (Bl) Isolate Bl - 31 | present | |
| | Leaf - density of incisions of margin | medium to dense | |
| | Type | multi-divided | |
| | Leaf - colour | green | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2018 | Granted | 'Skilton' |
| NL | 2017 | Granted | 'Skilton' |
| NZ | 2018 | Granted | 'Skilton' |
| US | 2017 | pending | 'E01L.30419' |

First sold as 'Skilton' on 14th Sept 2017 in Austria.

**Description: Stephen Kammholz,** Tullamarine, VIC



*Lactuca sativa* (Lettuce) ‘Skilton’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2018/220 |
| **Variety Name** | 'Santa Teresa' |
| **Genus Species** | *Rubus idaeus* |
| **Common Name** | Raspberry |
| **Accepted Date** | 2018-08-20 |
| **Applicant** | Consorcio Tecnologico de la Industria Hortofruticola, Pontificia Universidad Catolica de Chile |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | Bundessortenamt |
| **Overseas Data Reference Number** | HMB 276 |
| **Location** | Prufstele Wurzen, Germany |
| **Descriptor** | TG/43/8 Raspberry |
| **Period** | 2018-2019 |
| **Conditions** | Normal growing conditions with no extremes |

**Origin and Breeding**

Controlled pollination: new variety was obtained from directed crossing, between a selection of our breeding program and the public variety Coho. After crossing, the seeds was scarified and stratified, for enhanced germination. When the seedlings were obtained, all were established in the field (Santo Domingo) and the first selection was the same season of planting. The main selection criteria used in selecting the new variety was: primocane genotype, high productivity and large fruit size. When the new variety seedling was selected in 2012, for the next evaluation the plants were propagated through root cuttings. Root cuttings were propagated every season and every time with more plants, and the evaluation was every time more strict. The new variety produced high yields of firm, large fruit. There has been minimal off-types found through 8 generations of propagation.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| fruit | colour | dark red |
| fruit | main bearing type | on previous season's cane in summer and on current season's cane in autumn |
| spines | presence | present |
| varieties which fruit on current season's cane in autumn | time of beginning of fruit ripening on current season's cane | medium to late |

| | | |
|---|---|---|
| varieties which fruit on previous season's cane in summer | time of beginning of fruit ripening on previous season's cane | medium to late |
| very young shoot | anthocyanin coloration of apex during rapid growth | present |

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

| Variety | Comment |
|---|---|
| **'Regina (HMB207)'** | |

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

| | Plant/Organ Part: Context | 'Santa Teresa' | 'Regina (HMB207)' |
|---|---|---|---|
| | Plant - number of current season's canes | many | |
| | Very young shoot - anthocyanin colouration of apex | weak | |
| | Cane - length | long | |
| X | Plant - growth habit | arching | semi-upright |
| | Cane - length of internode | medium | |
| | Cane - length of vegetative bud | medium | |
| | Cane - anthocyanin colouration | strong | |
| | Cane - bloom | medium | |
| | Prickles - presence | present | |
| | Prickles - length | medium | |
| | Prickles - colour | brownish purple | |
| | Prickles - size of base | medium | |
| | Dormant cane - coluor | brown | |
| | Prickles - density | dense | |
| | Leaf - colour of upper side | medium green | |
| | Leaf - predominant number of leaflets | equally three and five | |
| | Leaf - arrangement of leaflets | free | |
| | Terminal leaflet - length | long | |
| | Terminal leaflet - width | broad | |
| | Terminal leaflet - profile in cross section | concave | |
| | Peduncle - intensity of anthocyanin colouration | strong | |
| | Pedicel - number of prickles | few to medium | |
| | Flower - diameter | medium to large | |
| | Fruit - length | long to very long | |
| | Fruit - width | very broad | |

| | | | |
|---|---|---|---|
| | Fruit - size of single drupe | very large | |
| | Fruit - colour | dark red | |
| | Fruit - glossiness | strong | |
| | Fruit - firmness | firm | |
| | Time of - vegetative bud burst | medium | |
| | Time of - cane emergence | medium to late | |
| | Time of - beginning of flowering on previous year's cane | early | |
| | Time of - beginning of flowering on current season's cane | medium | |
| | Time of - beginning of fruit ripening on previous year's cane | medium to late | |
| | Time of - beginning of fruit ripening on current season's cane | medium to late | |

First Sales Overseas: 15 October 2015 in Chile

**Prior Applications:**

| **Country Filed** | **Date of Lodgement dd/mm/yyy** | **Application No.** | **Current Status** | **Variety Name** |
|---|---|---|---|---|
| Chile | 11/05/2015 | 1401 | Granted | Santa Teresa |
| European Union | 24/09/2015 | 20152108 | Granted | Santa Teresa |
| Mexico | 25/11/2016 | 2289 | Accepted | Santa Teresa |

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



**Figure 1**: Santa Teresa fruit from plants grown in Santo Domingo, Valparaíso, Chile, July 2018.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2019/069 |
| **Variety Name** | 'SPRILOMJAN' |
| **Genus Species** | *Lomandra confertifolia subsp. pallida* |
| **Common Name** | Matt Rush |
| **Accepted Date** | 2019-05-20 |
| **Applicant** | Ausplanz Resources Pty Ltd ATF Vitatech Services Trustpty, Cape Woolamai, Victoria, 3925 |
| **Agent** | Sprint Horticulture Pty Ltd, Peats Ridge, NSW, 2250 |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Peats Ridge, NSW |
| **Descriptor** | TG/287/1 LOMANDRA |
| **Period** | 2025 |
| **Conditions** | Trial conducted in open beds, plants propagated from micro-propagation, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required. |
| **Trial Design** | Fifteen pots of each variety arranged in a completely randomised design. |
| **Measurements** | From 10 plants at random. |
| **RHS Chart - edition** | 2015 |

**Origin and Breeding**

Open pollination: seed parent un-named Lomandra confertifolia subspecies pallida in 2014. The seed parent is characterised by medium plant growth vigour, dense shoot density and female sex expression. Selection took place in Pakenham, VIC in 2016. Selection criteria: very dense leaf and shoot density; dense plant growth habit, male sex expression, strong plant growth vigour. Propagation: vegetative micro-propagation and divisions were found to be uniform and stable. Breeder: Joseph Murray, Officer, VIC.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | attitude of upper third | semi-erect |
| Leaf | glaucosity of upper side | very weak to weak |
| Plant | growth habit | upright to semi-upright |
| Plant | sex expression | male |

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

| Variety | Comment |
|---|---|
| **'Lime Tuff'** | |
| **'Little Pal'** | |
| **'LNDS747'** | |

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

| | Plant/Organ Part: Context | 'SPRILOMJAN' | 'Lime Tuff' | 'Little Pal' | 'LNDS747' |
|---|---|---|---|---|---|
| | Plant - habit | semi upright | semi upright | upright | semi upright |
| X | Plant - height of foliage | very short to short | medium | short to medium | medium |
| X | Plant - density of foliage | dense | dense | medium | medium |
| | Leaf - attitude of upper third | semi-erect | semi-erect | semi-erect | semi-erect |
| | Leaf blade - length | short to medium | medium | short to medium | medium to long |
| | Leaf blade - width | narrow to medium | narrow | narrow to medium | narrow to medium |
| | Leaf - profile in cross section | strongly concave | moderately concave | moderately concave | moderately concave |
| | Leaf - type of apex | toothed | toothed | toothed | toothed |
| | Leaf - length of middle tooth | short | very short to short | short | short |
| | Leaf - texture | smooth | smooth | smooth | smooth |
| | Leaf - glaucosity of upper side | very weak | very weak | very weak | very weak |
| | Leaf - glossiness of upper side | medium | medium | medium | medium |
| | Leaf - pliability | strong | strong | strong | strong |
| | Basal sheath - shredding of margin | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| | Basal sheath - intensity of brown colour | dark | light | dark | dark |
| | Inflorescence - position in relation to foliage | below | below | below | below |
| | Inflorescence - number of branches | few | medium to many | very few to few | few |
| | Inflorescence - length of flowering part | very short to short | medium | very short | very short to short |
| | Peduncle - length | very short | long | short | very short to short |

| | | | | | |
|---|---|---|---|---|---|
| | Peduncle - colour | yellow green | orange brown | yellow green | yellow green |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'SPRILOMJAN' | 'Lime Tuff' | 'Little Pal' | 'LNDS747' |
|---|---|---|---|---|---|
| | Leaf : main colour of upper side | 146A | 146A | 146A | 146A |

**Statistical Table**

| | Plant/Organ Part: Context | 'SPRILOMJAN' | 'Lime Tuff' | 'Little Pal' | 'LNDS747' |
|---|---|---|---|---|---|
| **X** | Leaf : length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | <br>206.5<br>17.5<br>35.86 | <br>388.6<br>27.0<br>P≤0.01 | <br>325.8<br>32.7<br>P≤0.01 | <br>407.2<br>47.2<br>P≤0.01 |
| | Leaf : width (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | <br>3.7<br>0.4<br>0.83 | <br>3.35<br>0.6<br>ns | <br>3.65<br>1.2<br>ns | <br>4.4<br>0.4<br>ns |
| **X** | Plant : height (cm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | <br>21.2<br>1.3<br>3.71 | <br>36.4<br>3.6<br>P≤0.01 | <br>29.3<br>2.6<br>P≤0.01 | <br>39.4<br>4.8<br>P≤0.01 |
| **X** | Plant : width (cm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | <br>29.8<br>2.9<br>6.10 | <br>54.1<br>7.6<br>P≤0.01 | <br>20.5<br>4.5<br>P≤0.01 | <br>54.1<br>6.1<br>P≤0.01 |

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



From left - Sprilomjan, Sprilomance, LNDS747, Little Pal and Lime Tuff and showing difference in size and plant growth forms

**Details of Application**

| | |
|---|---|
| **Application Number** | 2019/102 |
| **Variety Name** | ‘Sauzee Dutchess’ |
| **Genus Species** | *Prunus persica* |
| **Common Name** | Peach |
| **Accepted Date** | 08-Aug-2019 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, California, USA |
| **Agent** | HortIP, Brighton North, Vic 3186 |
| **Qualified Person** | Damian Bougoure |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Wood Wood, Victoria |
| **Descriptor** | TG/53/7 Rev. 2 |
| **Period** | 2024-2025 |
| **Conditions** | Standard orchard growing practice and conditions |
| **Trial Design** | Five plants of each variety were planted at Wood Wood, Victoria, at a spacing of 3.0 m × 1.5 m and managed under normal orchard practices. |
| **Measurements** | |
| **RHS Chart - edition** | |

**Origin and Breeding**

Cross Pollination: '8LG227' X '395LN250' The present new variety of peach tree was developed by Zaiger's Inc. Genetics at their experimental orchard located near Modesto, California as a first generation cross between their proprietary non-patented nectarine seedling selection '8LG227' and their proprietary non-patented peach seedling selection '395LN250'. A large number of these first generation crosses were planted and maintained on their own root system. Under close and careful observation, Zaiger's Inc. Genetics recognized the desirable tree and fruit characteristics of the present variety and selected it in 2000 for additional asexual propagation and commercialization. Breeder: Gary Neil Zaiger, Leith Marie Gardner, Grant Gene Zaiger, Zaiger's Inc. Genetics, Modesto, California, USA

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | size | large |
| Fruit | shape (in ventral view) | broad oblate |
| Fruit | pubescence of skin | present |

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

| Name | Comments |
|---|---|
| ‘Galaxy’ | Freestone and fruit maturity is 27 days earlier. |
| ‘Sauzee Lady’ | Fruit Maturity is 26 days later |

**Varieties of Common Knowledge identified above and subsequently excluded**

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Galaxy' | Fruit stone | semi-freestone | freestone | different stone types and 'Galaxy' matures 27 days earlier |

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

| Organ/Plant Part: Context | 'Sauzee Dutchess' | 'Sauzee Lady' |
|---|---|---|
| ☐ Tree: size | large | large |
| ☐ Tree: vigour | medium | medium |
| ☐ Tree: habit | upright | upright |
| ☒ Fruit: size | medium to large | small |
| ☐ Fruit: shape (in ventral view) | broad oblate | broad oblate |
| ☐ Fruit: mucron tip at pistil end | absent | absent |
| ☒ Fruit: shape of pistil end (excluding mucron tip) | strongly depressed | weakly depressed |
| ☐ Fruit: symmetry (viewed from pistil end) | symmetric | symmetric |
| ☒ Fruit: prominence of suture | medium to strong | very strong |
| ☒ Fruit: depth of stalk cavity | deep | shallow to medium |
| ☐ Fruit: width of stalk cavity | broad | broad |
| ☒ Fruit: ground colour of skin | greenish white | green |
| ☒ Fruit: relative area of over colour of skin | large | absent or very small |
| ☒ Fruit: hue of over colour of skin | medium red | pink red |
| ☐ Fruit: pattern of over colour of skin | solid flush | solid flush |
| ☐ Fruit: pubescence of skin | present | present |
| ☒ Fruit: density of pubescence of skin | medium | dense |
| ☐ Fruit: conspicuousness of lenticels | weak | weak |
| ☐ Fruit: thickness of skin | medium | medium |
| ☐ Fruit: adherence of skin to flesh | strong | strong |
| ☒ Fruit: firmness of flesh | firm | very firm |
| ☒ Fruit: carotenoid colouration of flesh | cream white | greenish white |
| ☐ Fruit: anthocyanin colouration of flesh next to skin | absent | absent |
| ☐ Fruit: intensity of anthocyanin colouration of flesh next to skin | weak | weak |
| ☐ Fruit: anthocyanin colouration of flesh in central part of flesh | absent | absent |

| | | |
|---|---|---|
| ☐ Fruit: intensity of anthocyanin colouration of flesh in central part of flesh | weak | weak |
| ☒ Fruit: anthocyanin colouration of flesh around stone | present | absent |
| ☒ Fruit: intensity of anthocyanin colouration of flesh around stone | medium | weak |
| ☐ Fruit: flesh fibre | absent or weak | absent or weak |
| ☒ Fruit: sweetness | medium | low |
| ☒ Fruit: acidity | medium | very high |
| ☐ Stone: size in relation to fruit | small | small |
| ☐ Stone: shape (in lateral view) | oblate | oblate |
| ☐ Stone: anthocyanin colouration | absent or very weak | absent or very weak |
| ☐ Stone: intensity of brown colour | medium | medium |
| ☐ Stone: relief of surface | equally pits and grooves | equally pits and grooves |
| ☐ Stone: adherence to flesh | present | present |
| ☒ Stone: degree of adherence to flesh | strong | very strong |
| ☒ Fruit: time of maturity | late | very late |

**Prior Applications and Sales:**

No prior sale or application.

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



**‘Sauzee Dutchess’**



**‘Sauzee Lady’**

*Prunus persica* (Peach) variety ‘Sauzee Dutchess’ with comparator ‘Sauzee Lady’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2019/244 |
| **Variety Name** | 'Lav1475' |
| **Genus Species** | *Lavandula* hybrid |
| **Common Name** | Lavender |
| **Accepted Date** | 02-Dec-2019 |
| **Applicant** | The Paradise Seed Company Pty Limited, Kariong, NSW. |
| **Qualified Person** | John Robb |
| **Application Number** | 2019/244 |
| **Variety Name** | 'Lav1475' |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Kulnura, NSW |
| **Descriptor** | TG/194/1 Rev. Lavandula/Lavender (*Lavandula* L.) |
| **Period** | March 2020-August 2020 |
| **Conditions** | Mature plants in flower |
| **Trial Design** | Randomized block, 12 Plants of each both candidate and comparator. |
| **Measurements** | As per UPOV guidelines |
| **RHS Chart - edition** | 5th Edition |

**Origin and Breeding**

Controlled pollination: This variety is the result of an extensive breeding programme spanning more than 15 years. In July 2015, a selected in-house form of *Lavandula* $F_1$ hybrid (breeder ref lav1320) was self-pollinated. Seed from this cross was collected in November 2015 and sown immediately. There were approximately 75 resultant seedlings which were planted out into field beds in January 2016 and grown to flowering maturity between January 2016 & June 2017. 'Lav1475' was selected from this seedling population as a new variety based on plant habit & floral characteristics. 'Lav1475' has been propagated *via* cuttings for at least 4 generations and has proven to be uniform & stable. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | colour group | similar flower colour |
| Flower | colour group | sterile bract colour |

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

| Name | Comments |
|---|---|
| 'Senpur' | Similar flower colour & sterile bract colour |

| Organ/Plant Part: Context | 'Lav1475' | 'Senpur' |
|---|---|---|
| ☒ *Plant: growth habit | globular | bushy |
| ☐ *Plant: size | medium | medium to large |

| | | |
|---|---|---|
| ☐ Plant: intensity of green colour of foliage | light to medium | light to medium |
| ☐ Plant: intensity of grey tinge of foliage | weak to medium | weak to medium |
| ☐ *Plant: attitude of outer flowering stems | semi-erect | erect |
| ☒ *Plant: density | dense | open |
| ☐ *Leaf: incisions of margin | absent | absent |
| ☒ Flowering stem: length | short | long |
| ☐ Flowering stem: thickness at middle third | thin to medium | medium |
| ☐ *Flowering stem: intensity of green colour | light | light to medium |
| ☐ Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only) | weak to medium | medium |
| ☐ *Flowering stem: lateral branching | absent | absent |
| ☒ *Spike: maximum width | very broad | narrow to medium |
| ☐ *Spike: total length | medium | medium to long |
| ☒ *Spike: shape | truncate conical | cylindrical |
| ☒ Spike: number of flowers | many | few |
| ☐ Spike: width of fertile bracts | medium | medium |
| ☐ *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only) | red purple | red purple |
| ☐ *Spike: presence of infertile bracts | present | present |
| ☒ *Spike: length of infertile bracts (Stoechas section only) | short | medium |
| ☐ *Spike: shape of infertile bracts (Stoechas section only) | oblong | oblong |
| ☒ *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart) | N81C | 79C |
| ☐ Spike: undulation of margin of infertile bracts (Stoechas section only) | medium | medium |
| ☐ *Flower: colour of calyx | purplish | purplish |
| ☐ Flower: pubescence of calyx | strong | strong |
| ☐ *Corolla: colour | black | black |
| ☐ Time of: beginning of flowering | medium | medium |

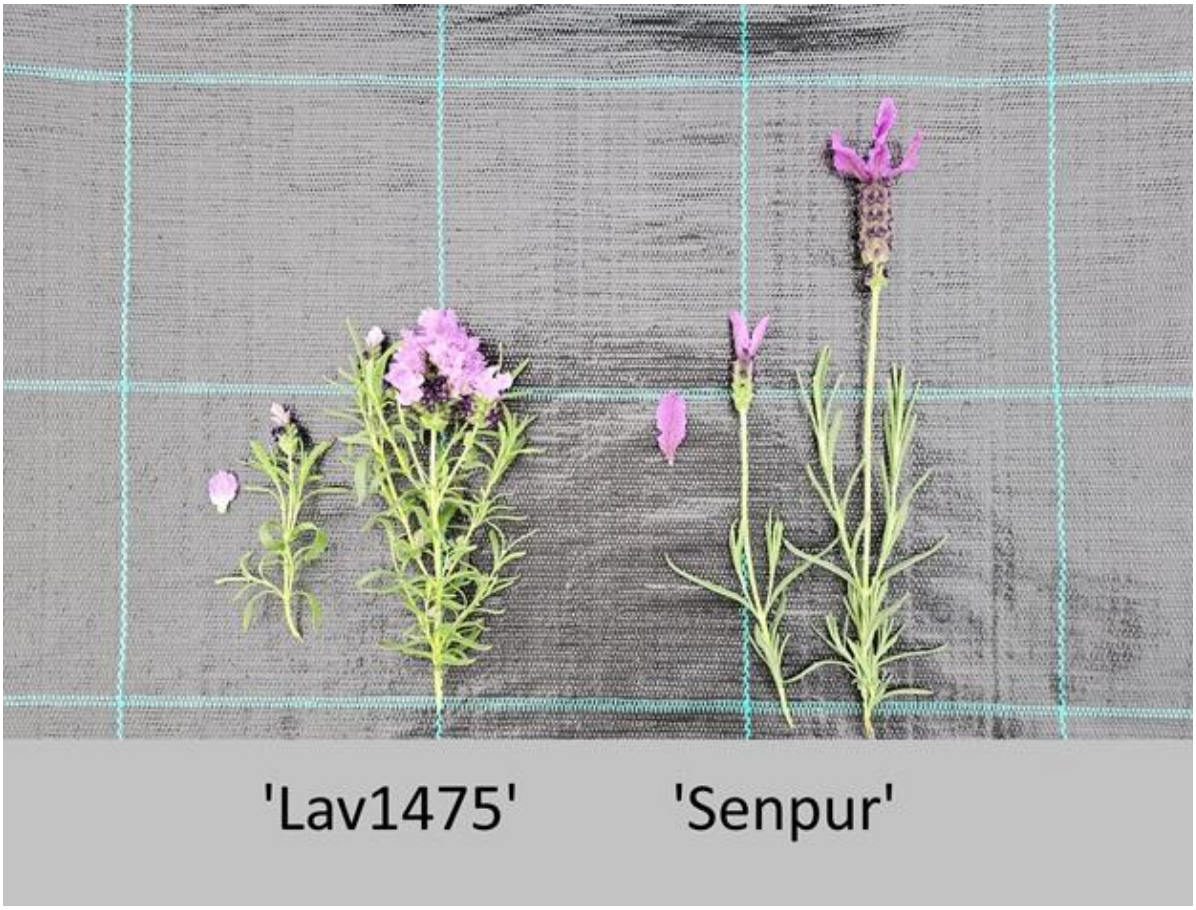
**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Lav1475' | 'Senpur' |
|---|---|---|
| ☒ spike: type | Compound cymeous | Simple cymeous |
| ☐ corolla: main colour of corolla | Dker than 83a | Dker than 83a |

| | | | |
|---|---|---|---|
| ☒ | spike: number of infertile bracts | Many | Few |
| ☐ | leaf: shape in cross section | Convex/Flat | Flat |
| ☒ | leaf: length | Medium | Long |
| ☐ | leaf: width | Medium | Medium |

**Prior Applications and Sales: Nil**

**Description:** John Robb**,** Kulnura, NSW.




Lavender (*Lavandula* hybrid) – Candidate 'Lav1475' showing differences in floral and foliar characteristics with comparator 'Senpur'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2019/263 |
| **Variety Name** | 'Tom Thumb' |
| **Genus Species** | *Murraya paniculata* var *ovatifoliata* |
| **Common Name** | Mock Orange |
| **Accepted Date** | 08-Jan-2020 |
| **Applicant** | Darwin Plant Wholesalers, Winnellie, NT, Australia |
| **Qualified Person** | Ian Paananen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Lambells Lagoon, NT |
| **Descriptor** | PBR MURR |
| **Period** | 2018-2020 |
| **Conditions** | Trial conducted in a opens beds, plants originally propagated by cuttings, mature plants in 200 mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| **Trial Design** | Ten pots of each variety arranged in a completely randomised design. |
| **Measurements** | From ten plants |
| **RHS Chart - edition** | 2015 |

**Origin and Breeding**

Spontaneous mutation: parent 'MIN-A-MIN' in 2014. The parent is characterised by a short plant height and a small leaf size. Selection took place in Darwin Plant Wholesalers, Lambells Lagoon, NT in 2014. Selection criteria: extremely dwarf plant growth form and very small leaf size. Propagation: vegetative cuttings are found to be uniform and stable. Breeder: Darryl South, Darwin Plant Wholesalers, Winnellie, NT, 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 | growth form | very compact |
| Leaf | attitude | semi-erect |
| Terminal leaflet | shape of blade | obovate |
| Terminal leaflet | shape of cross-section | recurved |
| Leaf | presence of variegation | absent |

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

| Name | Comments |
|---|---|
| 'Flomursixs' | Trade name Style-it-XS |

**Varieties of Common Knowledge identified above and subsequently excluded**

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'MIN-A-MIN' | leafletsize | very small | small | |
| 'MIN-A-MIN' | plant height | very short | short | |

| | | | |
|---|---|---|---|
| 'Mini Mike' | leafletsize | very small | small |
| 'Mini Mike' | plant height | very short | short |

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

| Organ/Plant Part: Context | 'Tom Thumb' | 'Flomursixs' |
|---|---|---|
| ☒ Plant: growth habit | bushy | erect |
| ☒ Plant: height | very short | short |
| ☒ Plant: width | very narrow | narrow |
| ☒ Stem: length of internode | very short | short |
| ☒ Leaf: size | very small | small |
| ☐ Leaf: attitude | semi-erect | semi-erect |
| ☒ Terminal leaflet: length of blade | very short | short |
| ☒ Terminal leaflet: width of blade | very narrow | narrow |
| ☒ Terminal leaflet: length of petiole | very short | short |
| ☐ Terminal leaflet: shape of blade | obovate | obovate |
| ☐ Terminal leaflet: shape of apex | rounded | rounded |
| ☐ Terminal leaflet: shape of base | cuneate | cuneate |
| ☐ Terminal leaflet: shape of cross-section | concave | concave |
| ☐ Terminal leaflet: curvature of longitudinal axis | recurved | recurved |
| ☒ Leaf: glossiness of upper side | medium | strong |
| ☐ Leaf: green colour | medium | medium |
| ☐ Leaf: presence of variegation | absent | absent |
| ☒ Leaf: primary colour (RHS) | NN137B | 137B |

**Statistical Table**

| Organ/Plant Part: Context | 'Tom Thumb' | 'Flomursixs' |
|---|---|---|
| ☒ Plant: height (cm) | | |
| Mean | 22.10 | 30.80 |
| Std. Deviation | 1.70 | 1.60 |
| Lsd/sig | 2.16 | P≤0.01 |
| ☒ Plant: width (cm) | | |
| Mean | 38.70 | 53.70 |
| Std. Deviation | 2.10 | 3.10 |
| Lsd/sig | 3.44 | P≤0.01 |
| ☒ Stem: length of internode (mm) | | |
| Mean | 3.50 | 9.90 |
| Std. Deviation | 0.70 | 1.20 |

| | | |
|---|---|---|
| Lsd/sig | 1.27 | P≤0.01 |
| ☒ Leaf: composite leaf length (mm) | | |
| Mean | 22.10 | 34.10 |
| Std. Deviation | 1.50 | 2.50 |
| Lsd/sig | 2.64 | P≤0.01 |
| ☒ Terminal leaflet: length (mm) | | |
| Mean | 6.50 | 11.60 |
| Std. Deviation | 1.10 | 1.00 |
| Lsd/sig | 1.32 | P≤0.01 |
| ☒ Terminal leaflet : width (mm) | | |
| Mean | 3.20 | 4.90 |
| Std. Deviation | 0.40 | 0.60 |
| Lsd/sig | 0.64 | P≤0.01 |

**Prior Applications and Sales:**

No prior sale or application.

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




*Murraya paniculata* var *ovatifoliata* (Mock Orange) variety ‘Tom Thumb’ with comparator ‘Flomursixs’ (trade name Style-it-XS)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/027 |
| **Variety Name** | 'Gampung' |
| **Genus Species** | *Diospyros kaki* |
| **Common Name** | Persimmon |
| **Accepted Date** | 15-Apr-2020 |
| **Applicant** | Republic of Korea (Rural Development Administration), Jeonju-si, Republic of Korea |
| **Agent** | Spruson & Ferguson, Brisbane, Queensland, Australia |
| **Qualified Person** | John Oates |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Korea Seed & Variety Service, MAFRA |
| **Overseas Data Reference Number** | N/A |
| **Location** | Seo-bu Branch Office/Iksan-si (on-site exam in applicant's premises) |
| **Descriptor** | 2004-03-31, TG/92/4 |
| **Period** | March 2018~December 2019 |
| **Conditions** | As per UPOV Technical Guidelines |
| **Trial Design** | As per UPOV Technical Guidelines |
| **Measurements** | As per UPOV Technical Guidelines. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled Pollination: Daeandangam and Taishu varieties were crossed in 2004. The 04-01-03 variety was selected from one seedling of the cross of Daeandangam and Taishu in 2011. Final selection of 04-01-03 completed in 2013 after an annual assessment of tree growth and fruit characteristics. It was formally named Gampung and variety rights were first applied for at the Korea Seed & Variety Service in 2014. Breeders: Kyeong-Bok Ma, Kwang-Sik Cho, Jin-Ho Choi and Han-Chan Lee, The Korean Rural Development Administration, Jeonju-si, Republic of Korea

**Choice of Comparators:** Characteristics 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 | general shape in lateral views | oblate |
| Fruit | Astringency always absent: colour of skin | yellow orange |

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

| Name | Comments |
|---|---|
| 'Fuyu' | |

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

| Organ/Plant Part: Context | 'Gampung' | 'Fuyu' |
|---|---|---|
| ☐ Tree: vigour | medium | |
| ☒ *Tree: habit | semi-upright | spreading |
| ☐ One-year-old shoot: number of lenticels | few to medium | |
| ☐ One-year-old shoot: size of lenticels | small to medium | |
| ☒ One-year-old shoot: shape of lenticels | circular | elliptic |
| ☒ One-year-old shoot: colour (sunny side) | red brown | brown |
| ☐ *One-year-old shoot: shape of bud in profile view | triangular | |
| ☐ *Leaf blade: shape | elliptic | |
| ☐ *Leaf blade: shape of base | obtuse | |
| ☐ Leaf blade: shape of apex | acute | |
| ☐ *Tree: sex expression of flowers | female only | |
| ☐ Female flower: shape of calyx viewed from above | rhombic | |
| ☐ *Female flower: number of corolla lobes | four | |
| ☐ *Fruit: general shape in lateral view | oblate | |
| ☒ *Fruit: general shape in cross section | irregular rounded | circular |
| ☒ *Fruit: shape of apex in longitudinal section | retuse | truncate |
| ☐ Fruit: grooving at apex | moderate | |
| ☐ Fruit: shallow concentric cracking around apex | absent or weak | |
| ☐ Fruit: cracking of apex | absent or weak | |
| ☐ Fruit: longitudinal grooving | absent or very shallow | |
| ☐ Fruit: wrinkles at calyx end | absent or very few | |
| ☐ Fruit: calyx attachment | slightly depressed | |
| ☐ Fruit: groove at calyx end | absent | |
| ☐ Fruit: cracking at calyx end | absent or weak | |
| ☐ Fruit: calyx size compared with fruit diameter | medium | |
| ☐ *Fruit: attitude of calyx | horizontal | |
| ☒ *Fruit: colour of skin (varieties with astringency always absent or sometimes present only) | yellow orange | orange |
| ☐ *Fruit: colour of flesh (varieties with astringency always absent or sometimes present only) | yellow orange | |
| ☐ Fruit: presence of brown speck in flesh | always present | |

| | | | |
|---|---|---|---|
| ☐ | Seed: size | large | |
| ☒ | Seed: shape in lateral view | semi oblate | broad ovate |
| ☒ | Seed: colour | medium brown | dark brown |
| ☐ | Fruit: astringency | always absent | |

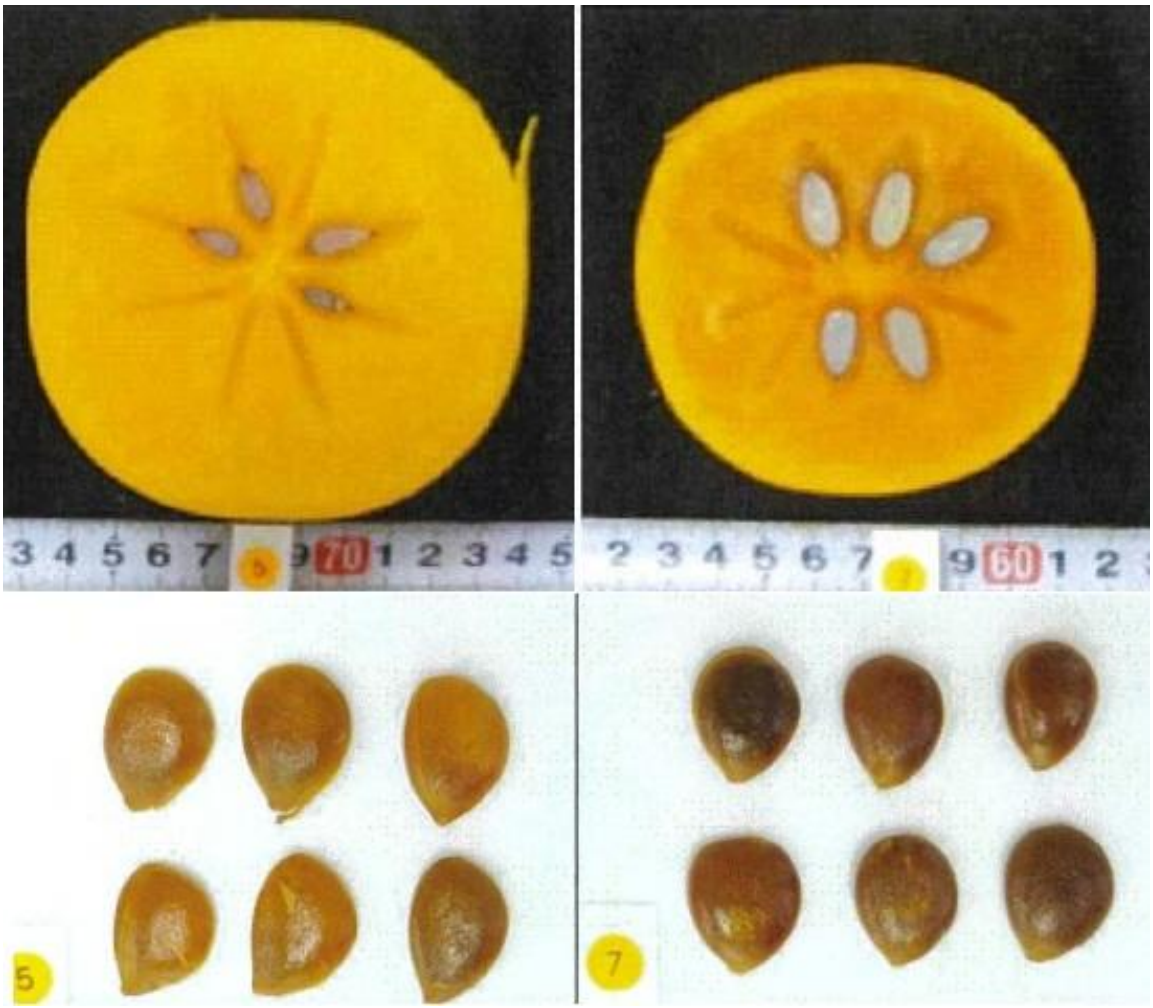
**Characteristics Additional to the Descriptor/TG**

| | Organ/Plant Part: Context | 'Gampung' | 'Fuyu' |
|---|---|---|---|
| ☒ | **Female flower: diameter of corolla** | 14.5 mm | 16.1 mm |
| ☒ | **Fruit: size** | 371.9 g | 213.8 g |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| Republic of Korea | 2014 | Under examination | 'Gampung' |

**Description: John Oates**, Millingandi, NSW, 2549




Persimmon (*Diospyros kaki*) variety 'Gampung' (left) shown alongside comparator 'Fuyu' (right)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/051 |
| **Variety Name** | 'LIL RUBY' |
| **Genus Species** | *Syzygium smithii* |
| **Common Name** | Small Leaf Lilly Pilly |
| **Accepted Date** | 08-Oct-2020 |
| **Applicant** | Hermitage Nursery, Tuerong Victoria |
| **Qualified Person** | Christopher Prescott |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Coolart Road, Tuerong Victoria |
| **Descriptor** | PBR LILL, (*Acmena smithii/Syzygium sp)* Lilly Pilly |
| **Period** | March 2023 to October 2024 |
| **Conditions** | 10 x 200mm pots of the candidate and each of the comparators were randomly selected from a greater population of plants grown at a wholesale nursery at the address of the trial. The plants were created as struck cuttings in March 2023 and were transplanted into the 200mm pots in October 2023. The pots contained a commercial grade pine bark potting mix with a slow-release fertiliser and were maintained and watered under a commercial nursery regime. Pest and diseases were controlled as the need required. |
| **Trial Design** | 10 x 200mm pots of each of the varieties were placed in a open sunny position on a level stoned area in varietal blocks. |
| **Measurements** | Measurements were taken from each plant in a random manner. |
| **RHS Chart - edition** | 2001 |

**Origin and Breeding**

Open pollination: *Syzygium smithii* 'Little Ruby' was discovered as a new, novel seedling from a population of *Syzygium smithii* seedlings in 2016 at Hermitage Nursery in Tuerong, Victoria. As this was a chance seedling, it cannot be determined as to the exact parentage as there were a number of unnamed *Syzygium smithii* cultivars within the area that the seed was collected. It is also unclear if it was the result of cross pollination or self-pollination. The new variety has been propagated by cuttings over a series of generations and has not shown any off types to date. Breeder: Jeff Koelewyn, Hermitage Nursery, Tuerong Victoria.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | growth habit | upright |
| Plant | branch density | dense |
| Plant | height | short |

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

| Name | Comments |
|---|---|
| 'Allyn Magic' | |

‘Minipilly’

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

| Organ/Plant Part: Context | ‘LIL RUBY’ | ‘Allyn Magic’ | ‘Minipilly’ |
|---|---|---|---|
| ☐ Plant: growth habit | upright | upright | upright |
| ☐ Plant: height | short | short | short |
| ☐ Plant: branch density | dense | dense | dense |
| ☐ Stem: branch angle | acute | acute | acute |
| ☒ Stem: internode length | very short | short | short |
| ☒ Stem: basal diameter | (base of plant) narrow | medium | medium |
| ☒ Stem: colour of mature stem (RHS colour chart) | 197B | 177B | N199C |
| ☒ Stem: colour of new growth (RHS colour chart) | 183A | 183A | N34A |
| ☒ Leaf: blade length | short to medium | medium long | short to medium |
| ☒ Leaf: blade width | medium | broad | broad |
| ☒ Leaf: blade length/width ratio | medium | medium long | short to medium |
| ☐ Leaf: petiole length | short | short | short |
| ☐ Leaf: shape of blade | lanceolate | lanceolate | lanceolate |
| ☒ Leaf: shape of apex | acute | acuminate | attenuate |
| ☐ Leaf: shape of base | acute | acute | acute |
| ☒ Leaf: glossiness | weak | medium | strong |
| ☐ Leaf: shape of cross section | flat to concave | flat to concave | flat to concave |
| ☒ Leaf: shape of longitudinal section | flat | convex | convex |
| ☒ Leaf: stiffness | strong | weak to medium | medium to strong |
| ☐ Leaf: prominence of midrib on lower surface | prominent | prominent | prominent |
| ☒ Mature leaf: primary colour of upper side (RHS colour chart) | 147A | 147A | N189A |
| ☐ Mature leaf: primary colour of lower side (RHS colour chart) | 146B | 146B | 146B |
| ☒ Partly mature leaf: primary colour of upper side (RHS colour chart) | 165A | N199A | N199C |
| ☒ Partly mature leaf: primary colour of lower side (RHS colour chart) | 199A | 199A | 195A |

| | | | |
|---|---|---|---|
| ☒ Newly emerged: upper side (RHS colour chart) | 183A | 183C | 187A |
| ☐ Leaf: variegation | absent | absent | absent |
| ☒ Leaf: petiole colour (RHS colour chart) | 177B | 187B | 147C |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'LIL RUBY' | 'Allyn Magic' | 'Minipilly' |
|---|---|---|---|
| ☒ Plant: vigour | weak | strong | strong |
| ☒ New emerging leaf: glossiness | very strong | medium | strong |

**Prior Applications and Sales:**
Nil

First sold in Australia in 2019.

Description: **Christopher Prescott**, Mount Eliza, 3930.




Small Leaf Lilly Pilly (*Syzygium smithii)* variety 'LIL RUBY' and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/144 |
| **Variety Name** | 'LONGREACH STEALTH' |
| **Genus Species** | *Triticum aestivum* |
| **Synonym** | LRPB STEALTH |
| **Common Name** | Wheat |
| **Accepted Date** | 2020-07-27 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |
| **RHS Chart - edition** | |

**Origin and Breeding**

In 2013 a controlled pollination cross was made between "LONGREACH LANCER" and "SUNGUARD" to produce the LR13007058 population. At the start of 2014, a double haploid population was developed and a seed increase conducted in a glasshouse, LR13007058 (F1DH0). In the summer of 2014/15 LR13007058 (F1DH1) was entered in to the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR13007058 population, 14BS010471 was selected and assigned the breeding code LPB15-2757. In the winter season of 2015, LPB15-2757 (F1DH2) was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across New South Wales. LPB15-2757 progressed through the LRPB trial program until 2019 (F1HD6) where it was then trialled across the country in the LongReach Plant Breeders WA, SA, VIC and NSW trials and in the National Variety Trial program. In 2020 PBR Part 1 was completed and LPB15-2757 was approved to be named LONGREACH STEALTH. LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Glaucosity | Weak |
| Ear | Shape in profile | Tapering |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | White |
| Flag Leaf | Glaucosity of sheath | Very weak to weak |
| Grain | Colour | White |
| Lower glume | Beak shape | Slightly curved |
| Plant | Growth habit | Intermediate |
| Seasonal | Type | Spring type |
| Time of | Ear emergence | Medium to late |

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

| Variety | Comment |
|---|---|
| 'Bolac' | Does not match all grouping characteristics. |
| 'Catapult' | Does not match all grouping characteristics. |
| 'Coolah' | Does not match all grouping characteristics. |
| 'Longreach Lancer' | Matches all grouping characteristics. |
| 'Sunguard' | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |

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

| | Plant/Organ Part: Context | 'LONGREACH STEALTH' | 'Longreach Lancer' |
|---|---|---|---|
| | Plant - growth habit | intermediate | intermediate |

| | | | |
|---|---|---|---|
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak |
| | Plant - frequency of plants with recurved flag leaves | low to medium | low |
| | Ear - time of emergence | medium to late | medium to late |
| | Flag Leaf - glaucosity of sheath | absent or very weak to weak | weak |
| | Ear - glaucosity | weak | weak |
| **X** | Plant - length | medium to long | short to medium |
| | Straw - pith in cross section | thin | thin |
| | Ear - shape in profile | tapering | tapering |
| | Ear - density | lax to medium | medium |
| **X** | Ear - length | short to medium | medium to long |
| | Ear - scurs or awns | awns present | awns present |
| | Ear - length of scurs or awns | long | long |
| | Ear - colour | white | white |
| | Apical rachis segment - area of hairiness on convex surface | small | absent or very small to small |
| | Lower glume - shoulder width | narrow | absent or very narrow to narrow |
| | Lower glume - shoulder shape | slightly elevated | horizontal to slightly elevated |
| **X** | Lower glume - length of beak | medium | long to very long |
| | Lower glume - shape of beak | slightly curved | slightly curved |
| | Lower glume - area of hairiness on internal surface | medium | medium |
| | Seed - colour | white | white |
| | Plant - seasonal type | spring type | spring type |

**Statistical Table**

| | **Plant/Organ Part: Context** | **'LONGREACH STEALTH'** | **'Longreach Lancer'** |
|---|---|---|---|
| **X** | Ear : Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>79.46<br>2.53<br>2.84 | <br>84.41<br>3.54<br>P≤0.001 |
| **X** | Lower glume : Beak Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>3.96<br>0.53<br>0.63 | <br>6.57<br>0.79<br>P≤0.001 |

**Prior Applications and Sales:**

No prior sale or application

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




*Triticum aestivum* (wheat) variety 'LONGREACH STEALTH' with comparator 'Longreach Lancer'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/233 |
| **Variety Name** | 'LAUDINE' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 22-Jan-2021 |
| **Applicant** | Nieder Osterreichische Saatbaugenossenschaft reg. Gen.mbH., Windigsteig, Austria |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2153 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**Origin and Breeding**

Controlled pollination: First observed in Germany in August 2003. The first three years of selection, mainly on agronomic characteristics at Austria and Bant in The Netherlands. Then 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa, under supervision of Coöperatie Agrico UA Propagation by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. Up till now, no off types have occurred. In 2014 and 2015 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Nieder Osterreichische Saatbaugenossenschaft reg. Gen.mbH., Windigsteig, Austria.

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Coronada' | |

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

| Organ/Plant Part: Context | 'LAUDINE' | 'Coronada' |
|---|---|---|
| ☐ Lightsprout: size | medium to large | |
| ☐ *Lightsprout: shape | ovoid | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium to strong | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | intermediate to open | |
| ☒ Lightsprout: anthocyanin colouration of tip | medium to strong | weak |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium to many | |
| ☐ Lightsprout: length of lateral shoots | medium to long | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | semi-upright | |
| ☐ *Stem: anthocyanin colouration | very weak to weak | |
| ☐ Leaf: outline size | large | |
| ☐ Leaf: openness | closed to intermediate | |
| ☐ Leaf: presence of secondary leaflets | medium to strong | |
| ☐ Leaf: green colour | medium to dark | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium to broad | |
| ☐ Terminal and lateral leaflets: frequency of coalescence | low | |
| ☐ *Plant: frequency of flowers | absent or very low | |
| ☒ *Plant: time of maturity | early to medium | very early to early |

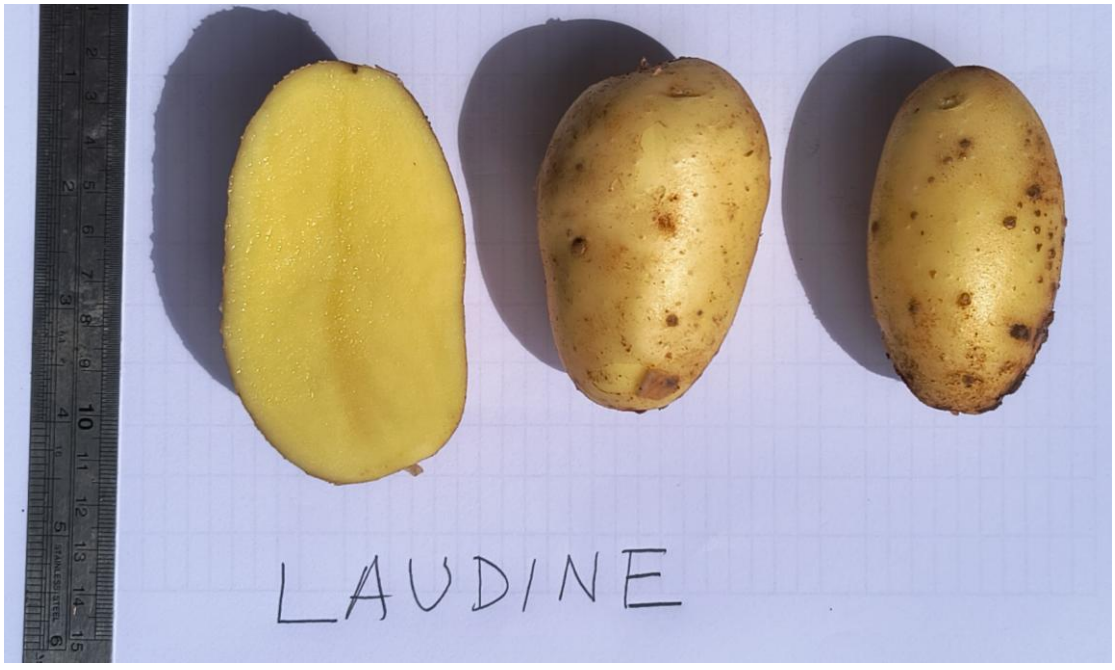
| | |
|---|---|
| ☐ *Tuber: shape | long-oval |
| ☐ Tuber: depth of eyes | shallow |
| ☐ *Tuber: colour of skin | yellow |
| ☐ *Tuber: colour of base of eye | yellow |
| ☐ *Tuber: colour of flesh | medium yellow |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2017 | Granted | 'LAUDINE' |
| NL | 2014 | Granted | 'LAUDINE' |
| RS | 2019 | Granted | 'LAUDINE' |

First sold as 'LAUDINE' on 3rd Oct 2016 in Italy

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) 'LAUDINE'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/234 |
| **Variety Name** | 'BASIN RUSSET' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 22-Jan-2021 |
| **Applicant** | Kweek- en Researchbedrijf Agrico B.V., Bant, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2146 |
| **Location** | Location 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 9/11/2024 to 20/02/2025 for field trial and 10/11/2025 for the lightsprouts |
| **Conditions** | Conditions Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Trial Design Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in 2005 in Bant, the Netherlands. The first three years of selection, mainly on agronomic characteristics at Bant in The Netherlands. Then 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa, under supervision of Coöperatie Agrico UA Propagation by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. Up till now, no off types have occurred. In 2014 and 2015 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Kweek- en Researchbedrijf Agrico B.V., Bant, NL

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | high |
| Flower corolla | intensity of anthocyanin coloration on inner side | strong to very strong |
| Flower corolla | proportion of blue in anthocyanin coloration on inner side | high |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Aveo' | |

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

| Organ/Plant Part: Context | 'BASIN RUSSET' | 'Aveo' |
|---|---|---|
| ☐ Lightsprout: size | medium | |
| ☐ *Lightsprout: shape | narrow cylindrical | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | strong | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | high | |
| ☐ *Lightsprout: pubescence of base | strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | intermediate | |
| ☐ Lightsprout: anthocyanin colouration of tip | medium to strong | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium to many | |
| ☐ Lightsprout: length of lateral shoots | medium | |
| ☐ Plant: foliage structure | intermediate type | |
| ☐ *Plant: growth habit | semi-upright | |
| ☐ *Stem: anthocyanin colouration | medium to strong | |
| ☐ Leaf: outline size | medium to large | |
| ☐ Leaf: openness | closed to intermediate | |

| | | | |
|---|---|---|---|
| ☐ Leaf: presence of secondary leaflets | strong | | |
| ☐ Leaf: green colour | medium to dark | | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | weak to medium | | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | | |
| ☐ Terminal and lateral leaflets: frequency of coalescence | absent or very low | | |
| ☐ Flower bud: anthocyanin colouration | strong to very strong | | |
| ☐ Plant: height | tall | | |
| ☐ *Plant: frequency of flowers | very high | | |
| ☐ Inflorescence: size | medium to large | | |
| ☐ Inflorescence: anthocyanin colouration on peduncle | medium | | |
| ☐ Flower corolla: size | medium | | |
| ☐ *Flower corolla: intensity of anthocyanin colouration on inner side | strong to very strong | | |
| ☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | high | | |
| ☐ *Flower corolla: extent of anthocyanin colouration on inner side | large to very large | | |
| ☒ *Plant: time of maturity | medium | late to very late | |
| ☒ *Tuber: shape | long | oval | |
| ☐ Tuber: depth of eyes | shallow | | |
| ☐ *Tuber: colour of skin | yellow | | |
| ☐ *Tuber: colour of base of eye | yellow | | |
| ☐ *Tuber: colour of flesh | light yellow | | |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | strong to very strong | | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| CA | 2017 | Granted | 'BASIN RUSSET' |
| NL | 2014 | Granted | 'BASIN RUSSET' |
| TR | 2016 | Granted | 'BASIN RUSSET' |
| BR | 2018 | Granted | 'BASIN RUSSET' |

First sold as ‘BASIN RUSSET’ on 28th Oct 2016 in France.

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) ‘BASIN RUSSET’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2020/235 |
| **Variety Name** | 'VOGUE' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 22-Jan-2021 |
| **Applicant** | Konst Research B.V., Nieuw-Vennep, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2148 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**Origin and Breeding**

Controlled pollination: First observed in 2004 in the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2014 and 2015 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Konst Research B.V., Nieuw-Vennep, NL

**Choice of Comparators**

Characteristics 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 | color of skin | yellow |

| | | |
|---|---|---|
| Lightsprout | proportion of blue in anthocyanin coloration of base | absent or low |

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

| Name | Comments |
|---|---|
| 'Malika' | ' |

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

| | Organ/Plant Part: Context | 'VOGUE' | 'Malika' |
|---|---|---|---|
| ☐ | Lightsprout: size | medium to large | |
| ☐ | *Lightsprout: shape | conical | |
| ☐ | *Lightsprout: intensity of anthocyanin colouration | weak | |
| ☐ | *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ | *Lightsprout: pubescence of base | strong | |
| ☐ | Lightsprout: size of tip in relation to base | small to medium | |
| ☐ | Lightsprout: habit of tip | intermediate | |
| ☐ | Lightsprout: anthocyanin colouration of tip | weak | |
| ☐ | Lightsprout: pubescence of tip | medium | |
| ☐ | *Lightsprout: number of root tips | medium | |
| ☐ | Lightsprout: length of lateral shoots | short | |
| ☐ | Plant: foliage structure | leaf type | |
| ☐ | *Plant: growth habit | semi-upright to spreading | |
| ☐ | *Stem: anthocyanin colouration | absent or very weak | |
| ☐ | Leaf: outline size | large | |
| ☐ | Leaf: openness | intermediate | |
| ☐ | Leaf: presence of secondary leaflets | strong | |
| ☐ | Leaf: green colour | light to medium | |
| ☐ | Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☐ | Second pair of lateral leaflets: width in relation to length | medium to broad | |
| ☐ | Terminal and lateral leaflets: frequency of coalescence | absent or very low | |
| ☐ | Plant: height | medium | |
| ☒ | *Plant: time of maturity | early to medium | medium |
| ☐ | *Tuber: shape | oval | |

| | | |
|---|---|---|
| ☐ | Tuber: depth of eyes | shallow to medium |
| ☐ | *Tuber: colour of skin | yellow |
| ☐ | *Tuber: colour of base of eye | yellow |
| ☒ | *Tuber: colour of flesh | medium yellow dark yellow |
| ☐ | Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2017 | Granted | 'VOGUE' |
| NL | 2014 | Granted | 'VOGUE' |
| TR | 2016 | Granted | 'VOGUE' |

First sold as 'VOGUE' on 12th Oct 2016 in Italy.

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) 'VOGUE'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/025 |
| **Variety Name** | 'SPLASHBEE' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 26-Mar-2021 |
| **Applicant** | Nunhems B.V, Nunhem The Netherlands |
| **Agent** | Spruson & Ferguson, Sydney, NSW. |
| **Qualified Person** | Michael Christie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Oficina Española De Variedades Vegetales (OEVV ) |
| **Overseas Data Reference Number** | P20210340 |
| **Location** | I.N.I.A - Centro De Ensayos De Valencia |
| **Descriptor** | Lettuce (*Lactuca sativa*) TG/13/11 Rev.5 |
| **Period** | 2022, 2023 |
| **Conditions** | According to CPVO guidelines |
| **Trial Design** | According to CPVO guidelines |
| **Measurements** | According to CPVO guidelines |
| **RHS Chart - edition** | n/a |

**Origin and Breeding**

Controlled pollination: Following the initial cross, individual and later lines & individual selection took place based on the following criteria: 5 cycles of selection; 2 generations maintained in present form; phenotype & Bremia lactucae resistance as main selection criteria. Observations were first made in 2010 in Spain, Paraje la Cumbre, Lote Los Rodriguez, 04700 El Ejido (Almeria) s/n. Breeder: Juan Francisco Munoz Munoz, 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 |
|---|---|---|
| Seed | colour | white |
| Leaf | anthocyanin coloration | absent or very weak |
| Plant | time of beginning of bolting | not observed |
| Plant | Resistance to Bremia Lactucae isolate Bl:16 EU | present |
| Plant | Resistance to Bremia Lactucae isolate Bl:29 EU | present |

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

| Name | Comments |
|---|---|
| 'Xemerius' | |

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

| Organ/Plant Part: Context | 'SPLASHBEE' | 'Xemerius' |
|---|---|---|

| | | |
|---|---|---|
| ☐ Seed: colour | white | |
| ☐ Plant: diameter | small to medium | |
| ☐ Plant: degree of overlapping of upper part of leaves | medium | |
| ☐ Leaf: attitude | erect | |
| ☐ Leaf: number of divisions | absent or very few | |
| ☐ Leaf: shape | obovate | |
| ☐ Leaf: shape of apex | rounded | |
| ☐ Leaf: longitudinal section | concave | |
| ☐ Leaf: anthocyanin colouration | absent or very weak | |
| ☐ Leaf: colour | green | |
| ☒ Leaf: intensity of green colour | medium to dark | dark |
| ☒ Leaf: glossiness of upper side | medium | medium to strong |
| ☐ Leaf: thickness | thick | |
| ☐ Leaf: blistering | medium | |
| ☐ Leaf: size of blisters | small to medium | |
| ☐ Leaf: undulation of margin | absent or very weak | |
| ☐ Leaf: density of incisions of margin | very sparse | |
| ☐ Leaf: venation | not flabellate | |
| ☒ Head: size | small | small to medium |
| ☐ Head: shape in longitudinal section | broad elliptic | |
| ☒ Head: density | medium | medium to dense |
| ☐ Time of harvest maturity | medium | |
| ☐ Plant: axillary sprouting | absent or weak | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 16 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 17 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 20 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 21 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 26 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 27 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 29 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 30 | present | |
| ☐ Resistance to Bremia lactucae (Bl) Isolate Bl: 31 | present | |
| ☐ Plant: Resistance to Lettuce mosaic virus (LMV) Pathotype II | present | |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'SPLASHBEE' | 'Xemerius' |
|---|---|---|
| ☐ Plant: Resistance to Bremia lactucae (Bl) isolate Bl: 33EU | present | |
| ☐ Plant: Resistance to Bremia lactucae (Bl) isolate Bl: 35EU | present | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| NL | 2019 | Withdrawn | 'SPLASHBEE' |
| European Union | 2020 | Withdrawn | 'SPLASHBEE' |

First sold in Germany in 2019.

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



Lettuce (*Lactuca sativa* L.) variety 'SPLASHBEE'

**Details of Application**

| | |
|---|---|
| Application Number | 2021/156 |
| Variety Name | 'ARCCIT9' |
| Genus Species | *Citrus reticulata* |
| Common Name | Mandarin |
| Accepted Date | 05-Nov-2021 |
| Applicant | Agricultural Research Council (ARC), Pretoria, South Africa. |
| Agent | Foote Intellectual Property Limited, Lower Hutt, NZ. |
| Qualified Person | Leslie Mitchell |

**Details of Comparative Trial**

| | |
|---|---|
| Overseas Testing Authority | National Department of Agriculture, South Africa' |
| Overseas Data Reference Number | ZA 20135430 |
| Location | ARC-ADDO (E-Cape), South Africa |
| Descriptor | TG/201/1 |
| Period | 2012-2013 |
| Conditions | Simulated commercial field conditions |
| Trial Design | As per TG/201/1 |
| Measurements | As per TG/201/1 |
| RHS Chart - edition | |

**Origin and Breeding**

Induced mutation: vegetative irradiation: Between 1999 and 2002 vegetative buds of Nadorcott mandarin were Gamma irradiated at the ARC's Addo Research Station, on the Eastern Cape of South Africa. Irradiated buds were grafted on to rootstocks to produce M1V1 (first stage mutation and vegetation) plants. Mutations showing promise in producing seedless fruit were selected in 2002 and evaluated over successive propagation for stability and uniformity. One selection coded F4A9, showed outstanding characteristics, and was further evaluated over several generations then named ARCCIT9 for commercialisation. Throughout this time the variety has remained stable and true to type. Breeder: Agricultural Research Council, Pretoria, South Africa.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | length | short |
| Fruit | diameter | small |
| Fruit | presence of neck | absent |
| Fruit surface | predominant colour | dark orange to orange red |
| Time of maturity of fruit for consumption | | mid may to late June (South Africa) |

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

| Name | Comments |
|---|---|
| 'F4 A34' | |

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

| Organ/Plant Part: Context | 'ARCCIT9' | 'Nadorcott' |
|---|---|---|
| ☐ *Tree: growth habit | upright | |
| ☐ Tree: density of spines | absent or sparse | |
| ☐ Leaf blade: length | short | |
| ☐ Leaf blade: width | narrow | |
| ☐ Leaf blade: ratio length/width | medium | |
| ☐ Leaf blade: shape in cross section | straight or weakly concave | |
| ☐ Leaf blade: twisting | absent or weak | |
| ☐ Leaf blade: blistering | absent or weak | |
| ☐ Leaf blade: green colour | medium | |
| ☐ Leaf blade: undulation of margin | absent or weak | |
| ☐ Leaf blade: incisions of margin | crenate | |
| ☐ Leaf blade: shape of apex | acute | |
| ☐ Leaf blade: emargination at tip | present | |
| ☐ Petiole: length | short | |
| ☐ Petiole: presence of wings | absent | |
| ☐ Petiole: width of wings (varieties with petiole wings present only) | medium | |
| ☐ Flower: diameter of calyx | medium | |
| ☐ Flower: length of petal | medium | |
| ☐ Flower: width of petal | medium | |
| ☐ Flower: ratio length/width of petal | small | |
| ☐ Flower: length of stamens | medium to long | |
| ☐ Anther: colour | light yellow | |
| ☐ Style: length | medium | |
| ☐ Infructescence: clustering of fruits | present | |
| ☐ *Fruit: length | short | |
| ☐ *Fruit: diameter | small | |
| ☐ *Fruit: ratio length/diameter | medium | |
| ☐ *Fruit: position of broadest part | at middle | |
| ☐ Fruit: shape in transverse section | circular | |
| ☐ *Fruit: general shape of proximal part | slightly rounded | |
| ☐ *Fruit: presence of neck | absent | |
| ☐ *Fruit: presence of depression at stalk end (varieties without fruit neck only) | present | |
| ☐ Fruit: depth of depression at stalk end (varieties without fruit neck only) | shallow | |
| ☐ Fruit: presence of constriction at stalk end | absent | |
| ☐ Fruit: number of radial grooves at stalk end | many | |

| Organ/Plant Part: Context | 'ARCCIT9' | ‘Nadorcott' |
|---|---|---|
| ☐ Fruit: length of radial grooves at stalk end | short to medium | |
| ☐ Fruit: presence of collar | absent | |
| ☐ Fruit: abscission layer between floral disc and fruit | absent or weakly developed | |
| ☐ *Fruit: general shape of distal part | flattened | |
| ☐ *Fruit: presence of depression at distal end | present | |
| ☐ Fruit: depth of depression at distal end | shallow | |
| ☐ Fruit: diameter of depression at distal end | medium | |
| ☐ *Fruit: presence of areola | absent | |
| ☐ Fruit: type of areola | smooth | |
| ☐ Fruit: diameter of areola | small | |
| ☐ Fruit: diameter of stylar scar | small | |
| ☐ Fruit: persistence of style | none | |
| ☐ Fruit: presence of navel opening | occasionally present | |
| ☐ Fruit: presence of radial grooves at distal end | absent | |
| ☐ *Fruit surface: predominant colours | dark orange | |
| ☐ *Fruit surface: glossiness | medium | |
| ☐ Fruit surface: roughness | medium | |
| ☐ Fruit surface: size of oil glands | larger ones interspersed by smaller ones | |
| ☐ Fruit surface: size of larger oil glands | medium | |
| ☐ Fruit surface: conspicuousness of larger oil glands | medium | |
| ☐ Fruit surface: presence of pitting and pebbling in oil glands | pitting and pebbling present | |
| ☐ Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | medium | |
| ☐ Fruit surface: density of pebbling (varieties with fruit surface: pebbling on oil glands present only) | medium | |
| ☐ Fruit surface: degree of pebbling (varieties with fruit surface: pebbling on oil glands present only) | medium | |
| ☐ *Fruit rind: thickness | thin | |
| ☐ *Fruit rind: adherence to flesh | medium | |
| ☐ Fruit rind: strength | medium | |
| ☐ Fruit rind: oiliness | dry | |
| ☐ Fruit rind: conspicuousness of oil glands on inner surface | absent or weakly conspicuous | |

| Organ/Plant Part: Context | 'ARCCIT9' | 'Nadorcott' |
|---|---|---|
| ☐ Fruit: colour of albedo | light yellow | |
| ☐ Fruit: density of albedo | medium | |
| ☐ *Fruit: amount of albedo adhering to flesh | absent or very small | |
| ☐ Fruit: presence of albedo strands | present | |
| ☐ Fruit: amount of albedo strands | small | |
| ☐ *Fruit: main colour of flesh | medium orange | |
| ☐ Fruit: filling of core | medium | |
| ☐ Fruit: diameter of core | small | |
| ☐ Fruit: presence of rudimentary segments | absent or weak | |
| ☐ Fruit: number of well developed segments | medium | |
| ☐ Fruit: coherence of adjacent segment walls | medium | |
| ☐ Fruit: strength of segment walls | medium | |
| ☐ Fruit: length of juice vesicles | short to medium | |
| ☐ Fruit: thickness of juice vesicles | medium | |
| ☐ Fruit: conspicuousness of juice vesicle walls | medium | |
| ☐ Fruit: coherence of juice vesicles | medium | |
| ☐ *Fruit: presence of navel (viewed internally) | absent or very rare | |
| ☐ Fruit: juiciness | medium | |
| ☐ *Fruit juice: total soluble solids | medium | |
| ☐ Fruit: strength of fibre | medium | |
| ☒ Fruit: number of seeds (controlled manual self-pollination) | absent or very few (0.3 seeds/fruit) | medium (5.4 seeds/fruit) |
| ☐ Seed: length | short | |
| ☐ Seed: width | medium | |
| ☐ Seed: surface | wrinkled | |
| ☐ Seed: prominence of wrinkles (varieties with seed surface wrinkled only) | medium | |
| ☐ Seed: external colour | whitish | |
| ☐ Seed: colour of inner seed coat | white | |
| ☐ *Time of: maturity of fruit for consumption | early to medium | |

**Prior Applications and Sales**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| QZ | 2019 | Granted | 'ARCCIT9' |
| CL | 2021 | Granted | 'ARCCIT9' |
| US | 2021 | Granted | 'ARCCIT9' |

| Country | Year | Status | Name Applied |
|---|---|---|---|
| CA | 2021 | Granted | 'ARCCIT9' |
| AR | 2021 | Granted | 'ARCCIT9' |
| NZ | 2021 | Granted | 'ARCCIT9' |

Descriptor: **Leslie Mitchell**, SHEPPARTON, VIC.



Mandarin (*Citrus reticulata*) variety 'ARCCIT9'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/212 |
| **Variety Name** | 'LONGREACH ANVIL' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2021-11-25 |
| **Applicant** | Michael Materne as Trustee for the Materne Family Trust, Quantong, VIC, Australia 3401 |
| **Agent** | |
| **Qualified Person** | Michael Materne |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Blair Farms, Horsham, Victoria, Australia, 3401. |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 22/07/2022 to 19/12/2022 |
| **Conditions** | The comparative trial for Longreach Anvil was sown in Winter, on a Wimmera grey clay soil, in a temperate climatic region, under dryland conditions. Fertiliser was applied at sowing and weeds were controlled using herbicides and hand weeding. Mainplot herbicide treatments were applied post emergence. Relevant measurements were taken during the growing season, and on individual plants harvested at maturity. |
| **Trial Design** | Split plot design with with 3 replications. Herbicides were allocated as main plots and varieties as plots. Plots were 5 rows, 8m long and 1.75m wide plots with a row spacing of 22.5cm. |
| **Measurements** | Characteristics were measured during the growing season and on individual plants harvested at maturity. Herbicide. Resistance to Imidazolinone herbicides was measured with a herbicide injury score, and yield at harvest. |
| **RHS Chart - edition** | TG/3/12 Rev. Wheat (New) (Triticum aestivum) |

**Origin and Breeding**

Twenty kilograms of seed of the wheat variety Mace was treated with 0.10% Ethyl methanesulfonate (EMS) under controlled conditions. Seed was washed with Sodium hypochlorite (NaOCl) and the M1 seed grown at Kalkee, Victoria, in 2014.

40kg of the M2 seed, or approximately 1 million seeds, was sown at Blair Farms, Quantong, Victoria, Australia, in 2015. M2 plants were treated with Intervix at 1.5 times the label rate for two gene wheat (37.13 g/ha of Imazamox and 16.88 g/ha Imazapyr) at mid tillering. M2 plants that initiated stem elongation were transplanted into individual pots and grown to maturity in a controlled environment facility at Global Grain Genetics, Quantong, Victoria, Australia.

20 M3 seeds from each M2 plant were sown in pots in a controlled environment facility at Global Grain Genetics, Quantong, Victoria, Australia, in December 2015. Seedlings were treated with 24.75 g/ha of Imazamox and 11.25 g/ha Imazapyr. Early to mid-maturing M3 plants that developed normally and were fully fertile were harvested at maturity.

M4 seed from each M3 plant was evaluated in plots at Cunliffe, South Australia, Australia, in 2016 and treated with 24.75 g/ha of Imazamox and 11.25 g/ha Imazapyr. 14MACEMW-15HI2008-16S004 was selected for further evaluation based on a unique combination of early maturity, grain yield, improved stripe rust resistance and a 2 gene resistance response to Imidazolinone herbicides. 14MACEMW-15HI2008-16S004 was recoded as LPB17-6157 and evaluated by Longreach Plant Breeders in South and Western Australia from 2017 to 2021 and Global Grain Genetics in an Imidazolinone resistance experiment in 2017.

Pure seed production was initiated for Longreach Anvil (LPB17-6157) in 2019 based on high grain yields in Western Australia, high vigour, early maturity, a 2 gene resistance response to Imidazolinone herbicides, improved stripe rust resistance and good quality.

Longreach Anvil was submitted for quality classification in 2019 and 2020, achieving an Australian hard classification, and BASF confirmed two gene Imidazolinone resistance in 2021.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | Herbicide: Resistance to Imidazolinone herbicides | Resistant |
| Plant | Length | Medium |
| Plant | Growth habit | Erect |
| Time of | Ear emergence | Very early |

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

| Variety | Comment |
|---|---|
| **'Mace'** | Inclusion Comment: Parental variety and thus most genetically similar to Longreach Anvil |
| **'Scepter'** | Exclusion Comment: Scepter is derived from mace via hybridisation and similar in many characteristics. Scepter is later flowering than Mace and therefore distinguished more easily from Longreach Anvil. ; Inclusion Comment: Derived from Mace by hybridisation. |

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

| | Plant/Organ Part: Context | 'LONGREACH ANVIL' | 'Mace' |
|---|---|---|---|
| | Ear - glaucosity | medium | medium to strong |

| | | | |
|---|---|---|---|
| | Straw - pith in cross section | thin | thin |
| | Ear - length of scurs or awns | medium | medium |
| | Lower glume - shoulder width | medium | narrow to medium |
| | Lower glume - shoulder shape | slightly sloping | slightly sloping |
| | Lower glume - length of beak | long to very long | long to very long |
| | Lower glume - shape of beak | straight to slightly curved | straight to slightly curved |
| | Plant - growth habit | erect | erect |
| | Seed - colour | white | white |
| | Plant - frequency of plants with recurved flag leaves | absent or very low | absent or very low |
| **X** | Ear - time of emergence | very early | early to medium |
| | Plant - length | medium | medium to long |
| | Ear - density | medium | medium |
| | Ear - shape in profile | tapering | tapering |
| | Ear - colour | white | white |
| | Ear - scurs or awns | awns present | awns present |
| | Plant - seasonal type | spring type | spring type |
| | Ear - colour | white | white |
| | Ear - density | medium | medium |
| | Coleoptile - anthocyanin colouration | absent or very weak | absent or very weak |
| | Seed - colour | white | white |
| | Ear - shape in profile | tapering | tapering |
| | Plant - frequency of plants with recurved flag leaves | absent or very low | absent or very low |
| | Ear - scurs or awns | awns present | awns present |
| **X** | Ear - time of emergence | very early | early to medium |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak |
| | Plant - growth habit | erect | erect |
| | Plant - seasonal type | spring type | spring type |
| | Plant - length | medium | medium |

**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'LONGREACH ANVIL'** | **'Mace'** |
|---|---|---|---|
| **X** | Plant : Herbicide: Resistance to Imidazolinone herbicides | R=Resistant(2 genes) | S=Susceptible |

**Prior applications and Sales: Nil**

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



Earlier flowering, Imidazolinone herbicide resistant LRPB Anvil (Left) compared to Mace (Right) with no Imidazolinone applied.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/223 |
| **Variety Name** | 'BELLANITA' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 09-Nov-2021 |
| **Applicant** | Kweek- en Researchbedrijf Agrico B.V., Bant, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2196 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in 2006 in Bant, the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2015 and 2016 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Kweek- en Researchbedrijf Agrico B.V., Bant, NL

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Constance' | |

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

| Organ/Plant Part: Context | 'BELLANITA' | 'Constance' |
|---|---|---|
| ☐ Lightsprout: size | medium to large | |
| ☐ *Lightsprout: shape | spherical | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | weak to medium | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | medium to strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | intermediate to open | |
| ☐ Lightsprout: anthocyanin colouration of tip | absent or very weak | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | few to medium | |
| ☐ Lightsprout: length of lateral shoots | short | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | semi-upright to spreading | |
| ☐ *Stem: anthocyanin colouration | absent or very weak | |
| ☐ Leaf: outline size | small to medium | |
| ☐ Leaf: openness | closed to intermediate | |
| ☐ Leaf: presence of secondary leaflets | weak | |
| ☐ Leaf: green colour | medium to dark | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☒ Second pair of lateral leaflets: width in relation to length | narrow | medium to broad |
| ☐ Terminal and lateral leaflets: frequency of coalescence | low | |
| ☐ Plant: height | short to medium | |

| | | |
|---|---|---|
| ☐ | *Plant: time of maturity | very early to early |
| ☒ | *Tuber: shape | long short-oval |
| ☐ | Tuber: depth of eyes | very shallow to shallow |
| ☐ | *Tuber: colour of skin | yellow |
| ☐ | *Tuber: colour of base of eye | yellow |
| ☐ | *Tuber: colour of flesh | medium yellow |
| ☐ | Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2018 | Granted | 'BELLANITA' |
| NL | 2015 | Granted | 'BELLANITA' |
| CA | 2017 | Granted | 'BELLANITA' |
| US | 2018 | Granted | 'BELLANITA' |

First sold as 'BELLANITA' on 3rd Oct 2017 in France.

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) 'BELLANITA'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/224 |
| **Variety Name** | 'LORELEY' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 09-Nov-2021 |
| **Applicant** | Kweek- en Researchbedrijf Agrico B.V., Bant, the Netherlands |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2191 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

First observed in Bant, The Netherlands in 2006. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2015 and 2016 the variety was assessed for national listing and breeders rights in 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Noblesse' | ' |

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

| Organ/Plant Part: Context | 'LORELEY' | 'Noblesse' |
|---|---|---|
| ☐ Lightsprout: size | medium | |
| ☐ *Lightsprout: shape | ovoid | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium to strong | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | intermediate | |
| ☐ Lightsprout: anthocyanin colouration of tip | medium | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium | |
| ☐ Lightsprout: length of lateral shoots | medium | |
| ☐ Plant: foliage structure | intermediate type | |
| ☐ *Plant: growth habit | semi-upright | |
| ☐ *Stem: anthocyanin colouration | absent or very weak | |
| ☐ Leaf: outline size | medium to large | |
| ☐ Leaf: openness | intermediate | |
| ☒ Leaf: presence of secondary leaflets | medium | strong to very strong |
| ☐ Leaf: green colour | medium | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | |
| ☒ Terminal and lateral leaflets: frequency of coalescence | high to very high | absent or very low |
| ☐ Plant: height | medium to tall | |

| | | |
|---|---|---|
| ☐ | *Plant: time of maturity | early to medium |
| ☒ | *Tuber: shape | long-oval oval |
| ☐ | Tuber: depth of eyes | very shallow to shallow |
| ☐ | *Tuber: colour of skin | yellow |
| ☐ | *Tuber: colour of base of eye | yellow |
| ☐ | *Tuber: colour of flesh | dark yellow |
| ☐ | Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | weak to medium |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2018 | Granted | 'LORELEY' |
| NL | 2015 | Granted | 'LORELEY' |

First sold as 'LORELEY' on 27th Oct 2017 in Germany.

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) ‘LORELEY’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/225 |
| **Variety Name** | 'CHATEAU' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 09-Nov-2021 |
| **Applicant** | Kweek- en Researchbedrijf Agrico B.V., Bant, the Netherlands |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2192 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in 2006 in Bant, the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2015 and 2016 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Kweek- en Researchbedrijf Agrico B.V., Bant, 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Briosa' | |

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

| Organ/Plant Part: Context | 'CHATEAU' | 'Briosa' |
|---|---|---|
| ☐ Lightsprout: size | small to medium | |
| ☐ *Lightsprout: shape | ovoid | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | medium to strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☒ Lightsprout: habit of tip | intermediate to open | closed |
| ☐ Lightsprout: anthocyanin colouration of tip | weak to medium | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium to many | |
| ☐ Lightsprout: length of lateral shoots | medium | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | upright to semi-upright | |
| ☐ *Stem: anthocyanin colouration | absent or very weak | |
| ☐ Leaf: outline size | large | |
| ☐ Leaf: openness | intermediate | |
| ☐ Leaf: presence of secondary leaflets | weak to medium | |
| ☒ Leaf: green colour | light to medium | dark |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | |

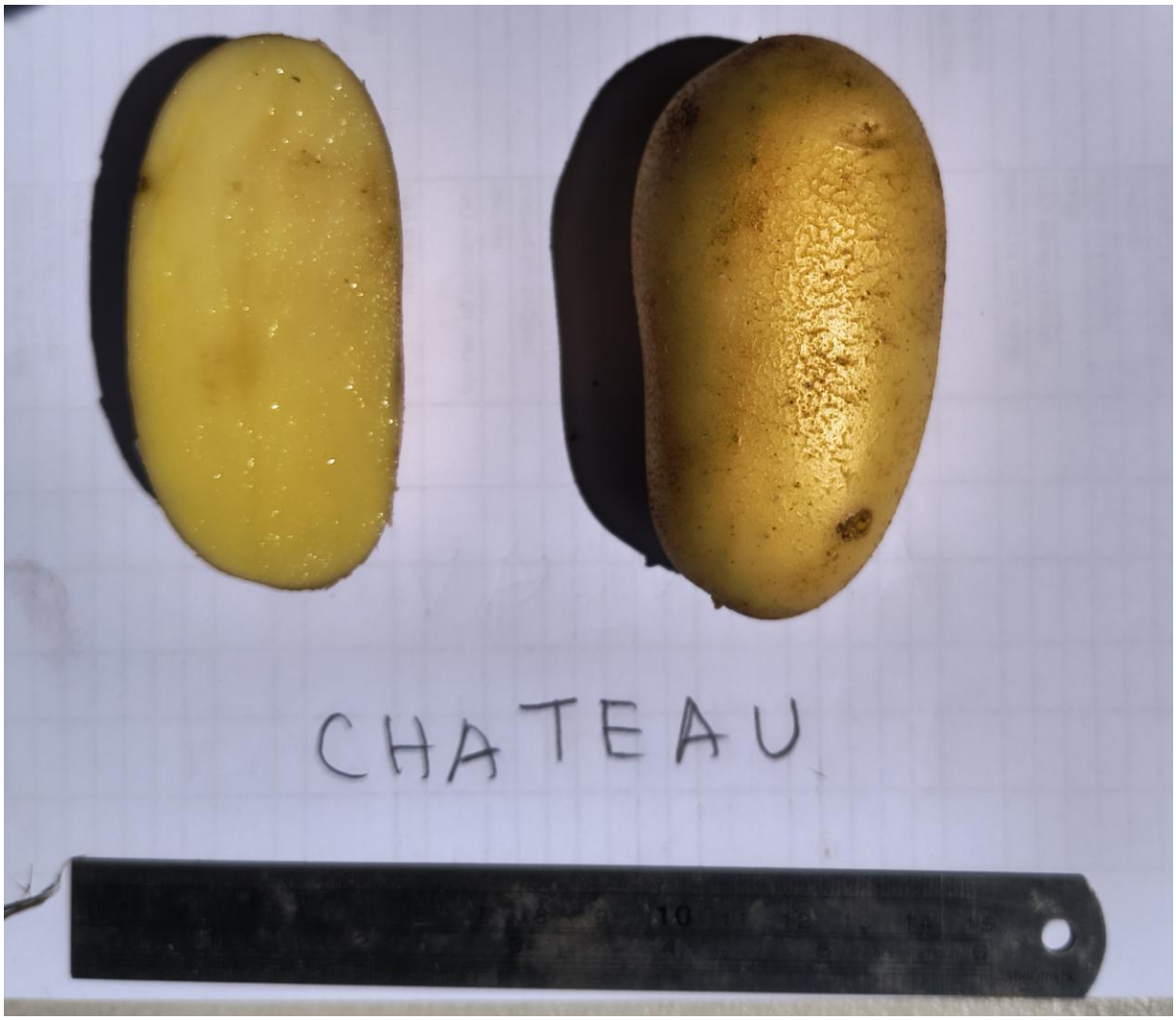
| | | |
|---|---|---|
| ☐ Terminal and lateral leaflets: frequency of coalescence | low | |
| ☐ Plant: height | medium to tall | |
| ☐ *Plant: time of maturity | early | |
| ☐ *Tuber: shape | long-oval | oval |
| ☐ Tuber: depth of eyes | very shallow to shallow | |
| ☐ *Tuber: colour of skin | yellow | |
| ☐ *Tuber: colour of base of eye | yellow | |
| ☐ *Tuber: colour of flesh | medium yellow | |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2018 | Granted | 'Chateau' |
| NL | 2015 | Granted | 'Chateau' |

First sold as 'Chateau' on 10th Oct 2017 in Austria

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) ‘Chateau’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/228 |
| **Variety Name** | 'SPECTRA' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 11-Nov-2021 |
| **Applicant** | Lantmannen Seed B.V., Emmeloord, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2195 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in 2006 in Bant in the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2015 and 2016 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Lantmannen Seed B.V., Emmeloord, NL.

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| Elata KWS | |

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

| Organ/Plant Part: Context | 'SPECTRA' | 'Elata KWS' |
|---|---|---|
| ☐ Lightsprout: size | medium to large | |
| ☐ *Lightsprout: shape | ovoid | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium to strong | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☒ *Lightsprout: pubescence of base | medium | strong to very strong |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | open | |
| ☐ Lightsprout: anthocyanin colouration of tip | weak | |
| ☐ Lightsprout: pubescence of tip | medium to strong | |
| ☒ *Lightsprout: number of root tips | many | medium |
| ☐ Lightsprout: length of lateral shoots | short | |
| ☐ Plant: foliage structure | intermediate type | |
| ☐ *Plant: growth habit | semi-upright to spreading | |
| ☐ *Stem: anthocyanin colouration | weak | |
| ☐ Leaf: outline size | large | |
| ☐ Leaf: openness | intermediate | |
| ☒ Leaf: presence of secondary leaflets | medium | strong |

| | | |
|---|---|---|
| ☐ Leaf: green colour | dark | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | |
| ☐ Terminal and lateral leaflets: frequency of coalescence | absent or very low | |
| ☐ Plant: height | medium to tall | |
| ☐ *Plant: time of maturity | early | |
| ☒ *Tuber: shape | short-oval | long-oval |
| ☐ Tuber: depth of eyes | shallow | |
| ☐ *Tuber: colour of skin | yellow | |
| ☐ *Tuber: colour of base of eye | yellow | |
| ☐ *Tuber: colour of flesh | light yellow | |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only) | absent or very weak | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2018 | Granted | 'SPECTRA' |
| NL | 2015 | Granted | 'SPECTRA' |
| RS | 2019 | Granted | 'SPECTRA' |
| BR | 2020 | pending | 'SPECTRA' |

First sold as 'SPECTRA' on 13th Nov 2017 in Switzerland

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) ‘SPECTRA’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/267 |
| **Variety Name** | 'Bay 4210' |
| **Genus Species** | *Malus domestica* |
| **Common Name** | Apple |
| **Accepted Date** | 11-Jan-2022 |
| **Applicant** | Michael Neumuller, Bavaria, Germany |
| **Agent** | Garry Langford, Grove, Tasmania |
| **Qualified Person** | Garry Langford |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Bundessortenamt, Hannover, Germany |
| **Overseas Data Reference Number** | APF 758 |
| **Location** | Bundessoertenamt Prufstelle, Wurzen |
| **Descriptor** | UPOV TG 14/9 |
| **Period** | 2019-2020 |
| **Conditions** | As per DUS test report |
| **Trial Design** | As per DUS test report |
| **Measurements** | As per DUS test report |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: The candidate was produced by controlled cross pollination. The first observations were made in October of 2008. The candidate was selected for its tolerance to apple scab, good eating and storage qualities. There has have been three generations of propagation without any off types being observed. Breeder: Michael Neumuller, Bavaria, Germany.

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | Type | Ramified |
| Tree | Habit | Spreading |
| Fruit | General Shape | Obloid |
| Fruit | Area of Over Colour | very small to small |
| Fruit | Hue of over colour with bloom removed | Orange red |
| Fruit | Pattern of over colour | only solid flush |
| Flower | Time of beginning of flowering | medium |

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

| Name | Comments |
|---|---|
| 'Solaris' | Similar characteristics to the candidate |

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

| Organ/Plant Part: Context | 'Bay 4210' | 'Solaris' |
|---|---|---|
| ☐ Tree: vigour | medium to strong | |
| ☐ *Tree: type | ramified | |
| ☐ *Tree: habit (varieties with ramified tree type only) | spreading | |
| ☐ Tree: type of bearing | on spurs and long shoots | |
| ☐ One-year-old shoot: thickness | medium to thick | |
| ☐ *One-year-old shoot: length of internode | short to medium | |
| ☐ One-year-old shoot: colour on sunny side | reddish brown | |
| ☐ One-year-old shoot: pubescence | medium to strong | |
| ☐ *One-year-old shoot: number of lenticels | medium to many | |
| ☐ *Leaf blade: attitude in relation to shoot | outwards | |
| ☐ *Leaf blade: length | medium to long | |
| ☐ *Leaf blade: width | medium to broad | |
| ☒ *Leaf blade: ratio length/width | medium to large | small to medium |
| ☐ Leaf blade: intensity of green colour | light to medium | |
| ☐ Leaf blade: incisions of margin | serrate type 1 | |
| ☐ Leaf blade: pubescence on lower side | medium | |
| ☐ *Petiole: length | long | |
| ☐ Petiole: extent of anthocyanin colouration from base | small | |
| ☒ *Flower: predominant colour at balloon stage | purple | dark pink |
| ☐ *Flower: diameter with petals pressed into horizontal position | medium to large | |
| ☐ *Flower: arrangement of petals | free | |
| ☐ Flower: position of stigmas relative to anthers | above | |
| ☐ Young fruit: extent of anthocyanin overcolour | medium to large | |
| ☐ *Fruit: size | medium to large | |
| ☐ *Fruit: height | medium | |
| ☐ *Fruit: diameter | medium to large | |
| ☐ *Fruit: ratio height/diameter | small to medium | |
| ☐ *Fruit: general shape | obloid | |
| ☐ Fruit: ribbing | moderate | |
| ☐ Fruit: crowning at calyx end | moderate | |
| ☐ *Fruit: size of eye | medium | |

| | | |
|---|---|---|
| ☐ | Fruit: length of sepal | medium to long |
| ☐ | *Fruit: bloom of skin | absent or weak |
| ☐ | Fruit: greasiness of skin | strong |
| ☐ | *Fruit: ground colour | whitish yellow |
| ☐ | *Fruit: relative area of over colour | very small to small |
| ☐ | *Fruit: hue of over colour – with bloom removed | orange red |
| ☐ | *Fruit: intensity of over colour | light |
| ☐ | *Fruit: pattern of over colour | only solid flush |
| ☐ | *Fruit: area of russet around stalk attachment | medium |
| ☐ | Fruit: area of russet on cheeks | absent or small |
| ☐ | *Fruit: area of russet around eye basin | absent or small |
| ☐ | Fruit: number of lenticels | medium |
| ☐ | Fruit: size of lenticels | small to medium |
| ☐ | *Fruit: length of stalk | medium to long |
| ☐ | *Fruit: thickness of stalk | medium to thick |
| ☐ | *Fruit: depth of stalk cavity | medium to deep |
| ☐ | *Fruit: width of stalk cavity | broad |
| ☐ | *Fruit: depth of eye basin | medium |
| ☐ | *Fruit: width of eye basin | medium to broad |
| ☐ | *Fruit: firmness of flesh | firm |
| ☐ | *Fruit: colour of flesh | cream |
| ☐ | *Fruit: aperture of locules | closed or slightly open |
| ☐ | *Time of: beginning of flowering | medium |
| ☐ | Time for: harvest | medium to late |
| ☒ | *Time of: eating maturity | medium to late — late to very late |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2016 | Granted | 'Bay 4210' |
| US | 2017 | Granted | 'Bay 4210' |
| Germany | 2016 | Granted | 'Bay 4210' |
| Switzerland | 2016 | pending | 'Bay 4210' |

First sold as 'Bay 4210' on 6th Dec 2016 in Germany.

**Description:** Garry Langford, Grove, Tasmania



*Malus domestica* (Apple) ‘Bay 4210’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2021/282 |
| **Variety Name** | 'AUSTULLIVER' |
| **Genus Species** | *Rosa* hybrid |
| **Common Name** | Rose |
| **Accepted Date** | 17-Dec-2021 |
| **Applicant** | David Austin Roses Limited, Wolverhampton, The UK. |
| **Agent** | Siebler Publishing Services, Hartwell, VIC. |
| **Qualified Person** | Christopher Prescott |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Western Port Hwy, Skye Victoria |
| **Descriptor** | Rose (*Rosa* hybrid) TG/11/8 Rev. 2 Rose |
| **Period** | July 2023 to February 2024 |
| **Conditions** | The trial was conducted in an environmentally controlled glass house in a hydroponic system. Nutrition was maintained using a rose mix formula. Pest and disease management was maintained using a commercial chemical regime. |
| **Trial Design** | The trial was set on raised beds in wrapped coir slabs (1.1metres long x 100mm high x 150mm wide) with 7 plants per slab, in a single row. The plants were on their own roots and were all propagated in June 2023 and planted in July 2023 |
| **Measurements** | Measurements were taken at random from second generation flush on the 21st December 2023. Flower colour of the comparator was recorded on the 17th February 2024. |
| **RHS Chart - edition** | 1995 |

**Origin and Breeding**

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

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | growth type | shrub |

| | | |
|---|---|---|
| Plant | growth habit | semi-upright |
| Plant | height | tall |
| Flower | type | double |
| Flower | type of double | cupped |
| Flower | colour group | pink |
| Flower | density of petals | dense |

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

| Name | Comments |
|---|---|
| 'AUSMIXTURE | ' |

**Varieties of Common Knowledge identified above and subsequently excluded**

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'AUSBREEZE' | Flower density of petals | dense | 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 | 'AUSTULLIVER' | 'AUSMIXTURE' |
|---|---|---|
| ☐ Plant: growth type | shrub | shrub |
| ☐ Plant: growth habit | semi upright | semi upright |
| ☐ Plant: height (during second flush) | tall | tall to very tall |
| ☐ Young shoot: anthocyanin colouration | present | present |
| ☐ Young shoot: intensity of anthocyanin colouration | medium | medium |
| ☐ Stem: number of prickles (excluding very small and hair-like prickles) | medium | medium |
| ☒ Prickles: dominant colour (as for 6) | yellowish | reddish |
| ☐ Leaf: size | large | large |
| ☐ Leaf: intensity of green colour (upper side) | medium | medium |
| ☐ Leaf: anthocyanin colouration | absent | absent |
| ☐ Leaf: glossiness of upper side | weak to medium | weak to medium |
| ☒ Leaflet: undulation of margin | medium to strong | weak to medium |
| ☒ Terminal leaflet: shape of blade | medium elliptic | ovate |
| ☒ Terminal leaflet: shape of base of blade | rounded | cordate |
| ☒ Terminal leaflet: shape of apex of blade | acuminate | acute |
| ☐ Flowering shoot: flowering laterals | absent | absent |
| ☒ Flowering shoot: number of flowers | very few | few |

| | | |
|---|---|---|
| ☒ Flower bud: shape in longitudinal section | medium ovate | broad ovate |
| ☐ Flower: type | double | double |
| ☒ Flower: number of petals | medium to many | many to very many |
| ☐ Flower: colour group | pink | pink |
| ☐ Flower: colour of centre | pink | pink |
| ☐ Flower: density of petals | dense | dense |
| ☒ Flower: diameter | small | large |
| ☐ Flower: shape | round | round |
| ☐ Flower: profile of upper part | flat | flat |
| ☐ Flower: profile of lower part | flattened convex | flattened convex |
| ☒ Flower: fragrance | medium | strong |
| ☐ Sepal: extensions | medium | medium |
| ☐ Petals: reflexing of petals one-by-one | absent | absent |
| ☐ Petal: shape | obcordate | obcordate |
| ☐ Petal: incisions | absent or very weak | absent or very weak |
| ☒ Petal: reflexing of margin | absent or very weak | weak |
| ☒ Petal: undulation | weak | absent or very weak |
| ☐ Petal: size | small to medium | medium |
| ☐ Petal: length | short to medium | medium |
| ☐ Petal: width | medium | medium |
| ☒ Petal: number of colours on inner side (basal spot excluded) | two | one |
| ☐ Petal: intensity of colour (basal spot excluded) | lighter towards the base | lighter towards the base |
| ☐ Petal: main colour on inner side (that with largest surface area) (RHS Colour Chart) | 69D | 69D |
| ☐ Petal: distribution of secondary colour on inner side (basal spot excluded) | at marginal zone | |
| ☐ Petal: basal spot on inner side | present | present |
| ☐ Petal: size of basal spot on inner side | small | small |
| ☐ Petal: colour of basal spot on inner side | light yellow | light yellow |
| ☒ Petal: main colour on outer side (only if different from inner side) (RHS Colour Chart) | 65C | 69C |
| ☒ Outer stamen: predominant colour of filament | red | light yellow |
| ☐ Seed vessel: size (at petal fall) | medium | medium to large |

| | | |
|---|---|---|
| ☐ Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'AUSTULLIVER'** | **'AUSMIXTURE'** |
|---|---|---|
| ☐ Flower: type of double | cupped | cupped |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| UK | 2021 | Granted | 'AUSTULLIVER' |
| EU | 2019 | Granted | 'AUSTULLIVER' |
| USA | 2019 | Granted | 'AUSTULLIVER' |

First sold in UK in 2019.

Description: **Christopher Prescott**, Mount Eliza, 3930.




Rose (Rosa hybrid) variety 'AUSTULLIVER' and its comparator.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2022/009 |
| **Variety Name** | 'PMSP205012629' |
| **Genus Species** | *Spinacia oleracea* |
| **Common Name** | Spinach |
| **Accepted Date** | 05-May-2022 |
| **Applicant** | NUNHEMS B.V., Nunhem, NL |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | Michael Christie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, The Netherlands |
| **Overseas Data Reference Number** | SPN952 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN, The Netherlands |
| **Descriptor** | TP/55/5 Rev.3 d.d. 06-03-2020 |
| **Period** | 2022-2023 |
| **Conditions** | according to technical protocol |
| **Trial Design** | according to technical protocol |
| **Measurements** | according to technical protocol |
| **RHS Chart - edition** | n/a |

**Origin and Breeding**

Controlled pollination: A cross was performed by controlled pollination between a commercial variety and an inbred line. A hybrid was selected based on Pfs resistance, long female flowering period and good seed production. Fourteen cycles of inbreeding were then undertaken until the required uniformity and stability of the line was obtained in accordance with UPOV guidelines. The final elite line was selected as the candidate variety. Observations for this variety were first made in 2009 at Nunhems B.V. (Napoleonsweg 152, 6083 AB Nunhem, the Netherlands). Breeder: Philip Simons as an employee of Nunhems B.V., NL

**Choice of Comparators**

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | red coloration of stem, petioles and veins | absent |
| Plant | proportion of male plants | absent or very low |
| Plant | resistance to *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. spinaciae) Race Pe (ex Pfs): 12 | present |
| Leaf blade | intensity of green colour | medium to dark |
| Plant | time of start of bolting (for spring sown crops, 15% of plants) | medium |

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

| Name | Comments |
|---|---|
| 'Lacerta' | |

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

| Organ/Plant Part: Context | 'PMSP205012629' | 'Lacerta' |
|---|---|---|
| ☐ Seedling: length of cotyledon | short to medium | |
| ☐ Leaf blade: intensity of green colour | medium to dark | |
| ☒ Leaf blade: blistering | very strong | weak to medium |
| ☐ Leaf blade: lobing | absent or very weak | |
| ☐ Petiole: attitude | semi-erect to horizontal | |
| ☒ Petiole: length | very short to short | medium |
| ☐ Leaf blade: attitude | horizontal to semi-pendulous | |
| ☐ Leaf blade: shape (excluding basal lobes) | broad elliptic | |
| ☐ Leaf blade: curving of margin | flat | |
| ☐ Leaf blade: shape of apex | rounded | |
| ☐ Leaf blade: shape in longitudinal section | convex | |
| ☒ Proportion of: monoecious plants | absent or very low | very high |
| ☒ Proportion of: female plants | very high | absent or very low |
| ☐ Proportion of: male plants | absent or very low | |
| ☐ Time of: start of bolting (for spring sown crops, 15% of plants) | medium | |
| ☐ Seed: spines (harvested seed) | absent | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):1 | present | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):2 | absent | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):3 | present | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):4 | present | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):5 | present | |
| ☐ Resistance to: *Peronospora effusa* | absent | |

| | | |
|---|---|---|
| (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):6 | | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):7 | present | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):8 | present | |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):11 | present | |
| ☒ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):10 | absent | present |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):12 | present | |
| ☒ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):13 | absent | present |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):14 | present | |
| ☒ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):15 | absent | present |
| ☐ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):16 | present | |
| ☒ Resistance to: *Peronospora effusa* (Pe) (ex *Peronospora farinosa* f. sp. *spinaciae*) Race Pe (ex Pfs):17 | absent | present |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'PMSP205012629'** | **'Lacerta'** |
|---|---|---|
| ☐ Plant: red coloration of stem, petioles and veins | absent | |
| ☐ Seed: spines (submitted seed) | absent | |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| NL | 2021 | Granted | '205012629' |

No prior sale.

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




*Spinacia oleracea* (Spinach) 'PMSP205012629'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2022/119 |
| **Variety Name** | 'LONGREACH SCOTCH' |
| **Synonym** | LRPB SCOTCH |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2022-07-21 |
| **Applicant** | LongReach Plant Breeders Management Pty Ltd, Lonsdale, SA, Australia |
| **Agent** | Jesse Fidgeon, Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |

| RHS Chart - edition | |
|---|---|

**Origin and Breeding**

In 2012 a controlled pollination cross was made between “LPB09-1453” and “LONGREACH IMPALA” to produce the LR12000815 single seed descent population. From the summer of 2012 to the winter of 2014, the LR12000815 population was advanced from F1 to F4 in glasshouses. In the summer of 2014/15 LR12000815 (F5) was entered in to the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR12000815 population, 15LR028788 (F6) was selected to be re tested through the 2015 winter observation nursey located near Balaklava, South Australia. 15LR028788 was selected for advancement and assigned the breeding code LPB16-0046. In the winter season of 2016, LPB16-0046 (F7) was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across New South Wales. LPB16-0046 progressed through the LRPB trial program until 2021 (F12) where it was then included in the National Variety Trial program in New South Wales and Victoria. In 2023 PBR Part 1 was completed and LPB16-0046 was approved to be named SCOTCH. Breeder: Albertus Jacobs, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | Absent/very weak |
| Grain | Colour | White |
| Lower glume | Shoulder shape | Straight to elevated |
| Plant | Growth habit | Semi-erect to intermediate |
| Plant | Length | Short to medium |
| Seasonal | Type | Spring type |
| Straw | Pith in cross section | Thin |
| Time of | Ear emergence | Medium to late |

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

| Variety | Comment |
|---|---|
| ‘EGA Eaglehawk’ | Does not match all grouping characteristics. |
| ‘Longreach Impala’ | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| ‘Longreach Major’ | Matches all grouping characteristics. |
| ‘QAL2000’ | Matches all grouping characteristics. |
| ‘Stockade’ | Does not match all grouping characteristics. |
| ‘Yitpi’ | |

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

| | Plant/Organ Part: Context | 'LONGREACH SCOTCH' | 'Longreach Major' | 'QAL2000' |
|---|---|---|---|---|
| | Seed - colour | white | white | white |
| | Plant - growth habit | intermediate | semi erect to intermediate | intermediate |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | absent or weak |
| | Plant - frequency of plants with recurved flag leaves | low | medium | absent or very low to low |
| | Ear - time of emergence | medium to late | medium | medium to late |
| | Flag Leaf - glaucosity of sheath | medium to strong | strong to very strong | weak to medium |
| | Ear - glaucosity | strong | strong to very strong | medium to strong |
| | Plant - length | short to medium | medium | short to medium |
| | Straw - pith in cross section | thin | thin | thin |
| | Ear - shape in profile | parallel sided | tapering | tapering |
| | Ear - density | medium | dense | medium |
| X | Ear - length | long | short | long |
| | Ear - scurs or awns | awns present | awns present | awns present |
| X | Ear - length of scurs or awns | medium | medium | long to very long |
| | Apical rachis segment - area of hairiness on convex surface | absent or very small | small | absent or very small to small |
| | Lower glume - shoulder width | medium | Medium to broad | narrow to medium |
| | Lower glume - shoulder shape | horizontal to slightly elevated | horizontal to slightly elevated | slightly elevated |
| X | Lower glume - length of beak | short | long | very long |
| X | Lower glume - shape of beak | straight | slightly curved | slightly curved |
| X | Lower glume - area of hairiness on internal surface | very small | medium | medium |
| | Ear - colour | white | white | white |
| | Plant - seasonal type | spring type | spring type | spring type |

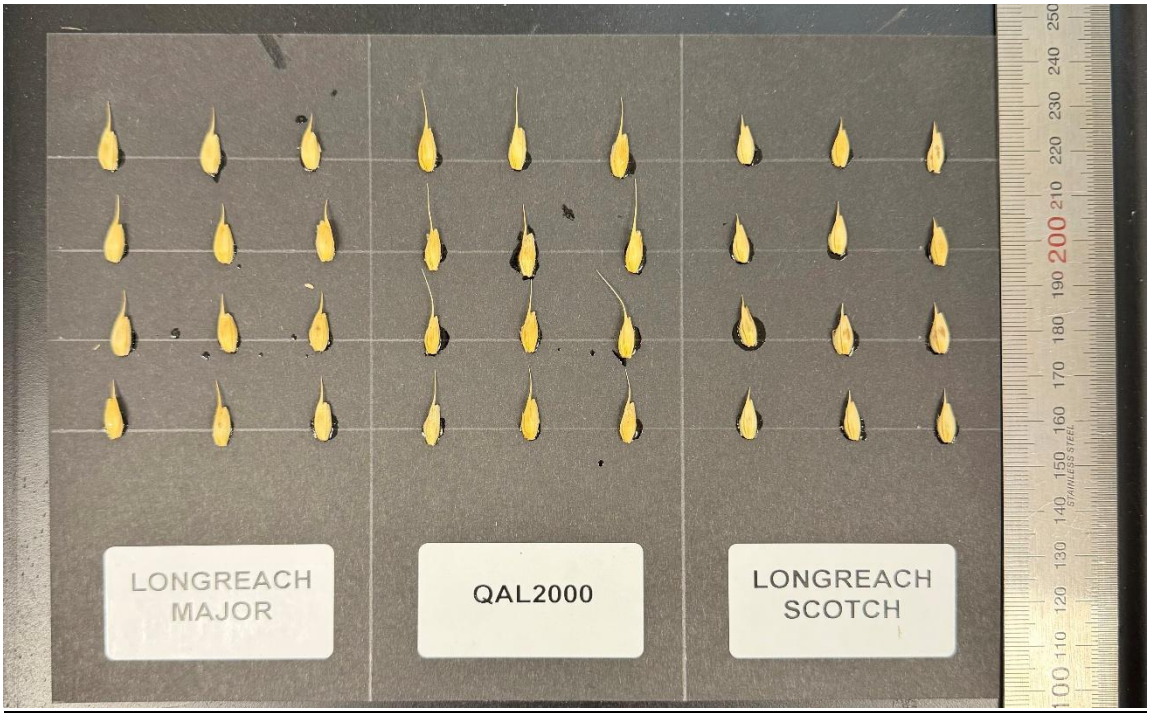
**Statistical Table**

| | Plant/Organ Part: Context | 'LONGREACH SCOTCH' | 'Longreach Major' | 'QAL2000' |
|---|---|---|---|---|
| X | Lower glume : Beak Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>2.94<br>0.26<br>0.84 | <br>5.69<br>0.92<br>P≤0.001 | <br>9.34<br>1.55<br>P≤0.001 |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety 'LONGREACH SCOTCH' with comparators 'Longreach Major' and 'QAL2000'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2022/183 |
| **Variety Name** | 'STOCKADE' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2022-09-29 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |

| | |
|---|---|
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: In 2013 a controlled pollination cross was made between "LONGREACH TROJAN" and "LPB12-1199" to produce the LR13007129 population. At the start of 2014, a double haploid population was developed and a seed increase conducted in a glasshouse, LR13007129 (F1DH0). In the summer of 2014/15 LR13007129 (F1DH1) was entered in to the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR13007129 population, 15LR021233 (F1DH2) was selected to be re tested through the 2015 winter observation nursey located Balaklava, South Australia. 15LR021233 was selected for advancement and assigned the breeding code LPB16-0598. In the winter season of 2016, LPB16-0598 (F1HD3) was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across New South Wales. LPB16-0598 progressed through the LRPB trial program until 2020 (F1HD7) where it was then trialled across the country in the LongReach Plant Breeders WA, SA, VIC and NSW trials and in the National Variety Trial program. In 2022 PBR Part 1 was completed and LPB16-0598 was approved to be named STOCKADE. Breeder: Albertus Jacobs, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | Absent/very weak |
| Grain | Colour | White |
| Plant | Frequency of plants with recurved flag leaves | Absent/very low |
| Plant | Length | Short |
| Seasonal | Type | Spring type |
| Time of | Ear emergence | Late |

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

| Variety | Comment |
|---|---|
| **'Illabo'** | Does not match all grouping characteristics. |
| **'Longreach Kittyhawk'** | Does not match all grouping characteristics. |
| **'Longreach Nighthawk'** | Matches all grouping characteristics. |
| **'Longreach Trojan'** | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| **'Longsword'** | Does not match all grouping characteristics. |

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

| | Plant/Organ Part: Context | 'STOCKADE' | 'Longreach Nighthawk' |
|---|---|---|---|
| | Seed - colour | white | white |
| X | Plant - growth habit | semi erect | semi prostrate |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak |
| | Plant - frequency of plants with recurved flag leaves | absent or very low | absent or very low to low |
| | Ear - time of emergence | late | late |
| | Flag Leaf - glaucosity of sheath | medium to strong | medium |
| | Ear - glaucosity | medium to strong | medium |
| | Plant - length | very short to short | short |
| | Straw - pith in cross section | thin | thin |
| | Ear - shape in profile | tapering | tapering |
| | Ear - density | medium | lax to medium |
| X | Ear - length | long | short to medium |
| | Ear - scurs or awns | awns present | awns present |
| X | Ear - length of scurs or awns | medium | long to very long |
| | Apical rachis segment - area of hairiness on convex surface | absent or very small | absent or very small to small |
| | Lower glume - shoulder width | narrow to medium | narrow |
| | Lower glume - shoulder shape | horizontal to slightly elevated | slightly sloping to horizontal |
| | Lower glume - length of beak | short to medium | short |
| | Lower glume - shape of beak | straight | straight |
| | Lower glume - area of hairiness on internal surface | medium to very large | medium |
| | Ear - colour | white | white |
| | Plant - seasonal type | spring type | spring type |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'STOCKADE' | 'Longreach Nighthawk' |
|---|---|---|---|

**Statistical Table**

| | Plant/Organ Part: Context | 'STOCKADE' | 'Longreach Nighthawk' |
|---|---|---|---|
| X | Awns at tip of ear : Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>42.77<br>4.17<br>3.80 | <br>56.36<br>3.89<br>P≤0.001 |
| X | Ear : Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>99.13<br>4.33<br>5.02 | <br>84.75<br>6.19<br>P≤0.001 |

| | | | |
|---|---|---|---|
| | | | |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety ‘STOCKADE’ with comparator ‘Longreach Nighthawk’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2022/184 |
| **Variety Name** | 'LONGREACH MOWHAWK' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2022-12-02 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial |

| | |
|---|---|
| | was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |
| **RHS Chart - edition** | |

**Origin and Breeding**

In 2016 a controlled pollination cross was made between "GX1438-04" and "SCEPTER" to produce the LRGX16-332 bulk population. From the summer of 2016 to the summer of 2017 the LRGX16-332 population was advanced and plant selections made, F1 to F3. In the winter of 2018 LRGX16-332 (F4) population was entered into first year yield trials at a site located near Gibson, WA. Out of the LRGX16-332 population, LRGX16-332-27 (F5) was selected to be re tested in the 2019 yield trials located across Southern and Western Australia. In the winter of 2020, LRGX16-332-27 was assigned the breeders code of LPB19-14343 (F6) and entered into the LongReach Plant Breeders yield, agronomic and quality stage 3 testing trials across SA, VIC and WA. LPB19-14343 progressed through the LRPB trial program until 2022 (F9) where it was then included in the National Variety Trial program. In 2022 PBR Part 1 was completed and LPB19-14343 was approved to be named LONGREACH MOWHAWK. Breeder: Kevin Young, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns at tip of ear | Length | Medium to long |
| Awns or scurs | Presence | Awns present |
| Ear | Length | Medium |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | Absent/very weak |
| Grain | Colour | White |
| Lower glume | Shoulder Width | Narrow to medium |
| Seasonal | Type | Winter |
| Time of | Ear emergence | Medium to late |

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

| Variety | Comment |
|---|---|
| 'Bremer' | Does not match grouping characteristics |
| 'Illabo' | Matches grouping characteristics |
| 'Longreach Kittyhawk' | Does not match grouping characteristics |
| 'Longsword' | Matches grouping characteristics |
| 'Scepter' | Parent. Does not match grouping characteristics |

| | |
|---|---|
| 'Wylah' | Does not match grouping characteristics |

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

| | Plant/Organ Part: Context | 'LONGREACH MOWHAWK' | 'Illabo' | 'Longsword' |
|---|---|---|---|---|
| | Seed - colour | white | white | white |
| X | Plant - growth habit | intermediate to semi prostrate | intermediate to semi prostrate | semi erect to intermediate |
| | Plant - frequency of plants with recurved flag leaves | absent or very low to low | low | absent or very low to low |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | absent or weak |
| | Ear - time of emergence | late | medium to late | medium to late |
| | Flag Leaf - glaucosity of sheath | medium to strong | medium to strong | medium |
| | Ear - glaucosity | medium | medium to strong | medium |
| X | Plant - length | short | short | medium |
| | Ear - shape in profile | parallel sided | parallel sided | tapering |
| | Ear - density | dense | medium | medium |
| | Ear - scurs or awns | awns present | awns present | awns present |
| | Ear - length of scurs or awns | long | medium to long | long |
| | Ear - colour | white | white | white |
| | Lower glume - shoulder width | narrow to medium | narrow to medium | narrow to medium |
| X | Lower glume - shoulder shape | slightly elevated | horizontal | horizontal |
| X | Lower glume - length of beak | very long | very short to short | long |
| | Lower glume - shape of beak | slightly curved | straight to slightly curved | straight |
| | Plant - seasonal type | winter type | winter type | winter type |
| | Lower glume - area of hairiness on internal surface | very small to medium | very small to medium | medium |

**Statistical Table**

| | Plant/Organ Part: Context | 'LONGREACH MOWHAWK' | 'Illabo' | 'Longsword' |
|---|---|---|---|---|
| X | Lower glume : Beak Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>8.97<br>2.26<br>1.17 | <br>1.62<br>0.32<br>P≤0.001 | <br>5.15<br>0.87<br>P≤0.001 |
| X | Plant : Length (cm)<br>Mean | <br>68.55 | <br>71.36 | <br>77.64 |

| | | | | |
|---|---|---|---|---|
| | Std Deviation<br>Lsd/sig d | 3.74<br>4.29 | 4.5<br>ns | 4.3<br>P≤0.001 |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety ‘LONGREACH MOWHAWK’ with comparators ‘ILLABO’ and ‘LONGSWORD’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2022/216 |
| **Variety Name** | 'BOLOGNIA' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2022-12-15 |
| **Applicant** | Vilmorin-Mikado, LA Menitre, France |
| **Agent** | Spruson & Ferguson, Sydney NSW |
| **Qualified Person** | Calixto Dilag |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Templestowe |
| **Descriptor** | TG/13/11 Rev. 4 Lettuce |
| **Period** | Spring 2024 |
| **Conditions** | The trial was planted in early spring and examined at the end of October 2024. Drip irrigation, black fleece weed mats, and bird netting were used. |
| **Trial Design** | A side-by-side comparison was conducted. Two replicates of two generations of the candidate variety and the comparator were used. |
| **Measurements** | As per UPOV guidelines |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Self-pollination.

A cross was made between the two parents in summer 2015. F2 line 68/24631/01 was screened in Spain in winter 2016 under plot number 16/20719. F3 line 16/20719/04 was harvested in Spain in spring 2017 and subsequently tested for Bremia lactucae resistance.

F3 line 16/20719/04 was then screened in Spain in winter 2017 under plot number 17/20725. F4 line 17/20725/04 was harvested in Spain in spring 2018 and tested for Bremia lactucae resistance.

F4 line 17/20725/04 was screened in Spain in winter 2018 under plot number 18/20838. F5 line 18/20838/03 was harvested in Spain in spring 2019 and tested for Bremia lactucae resistance.

F5 line 18/20838/03 was screened in Spain in winter 2019 under plot number 19/20654. F6 line 19/20654/03 was harvested in Spain in spring 2020 and tested for Bremia lactucae resistance.

F7 line 19/20654/30 was produced in Chile during winter 2020 and harvested in spring 2021.

The main selection criteria used to develop the variety were Bremia lactucae resistance, leaf thickness, and head and frame size.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | Anthocyanin coloration | Absent |
| Leaf | Number of divisions | Absent or very few |

| | | |
|---|---|---|
| Plant | Degree of overlapping of upper part of leaves | Strong |

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

| Variety | Comment |
|---|---|
| **'Roundhouse'** | |

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

| | Plant/Organ Part: Context | 'BOLOGNIA' | 'Roundhouse' |
|---|---|---|---|
| | Plant - diameter | large | medium to large |
| | Plant - degree of overlapping of upper part of leaves | strong | strong |
| | Head - density | loose to medium | loose to medium |
| **X** | Head - size | medium | large |
| | Head - shape in longitudinal section | circular | circular |
| | Leaf - thickness | very thick | very thick |
| | Leaf - shape | obovate | obovate |
| | Leaf - anthocyanin colouration | absent or very weak | absent or very weak |
| **X** | Leaf - intensity of green colour | dark | medium |
| | Leaf - glossiness of upper side | medium to strong | medium to strong |
| | Leaf - blistering | weak to medium | weak to medium |
| | Leaf - size of blisters | large | medium to large |
| | Leaf - colour | green | green |
| | Leaf - undulation of margin | medium to strong | medium |
| | Leaf - shape of apex | rounded | rounded |
| | Leaf - venation | flabellate | flabellate |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'BOLOGNIA' | 'Roundhouse' |
|---|---|---|---|
| **X** | Core : Length | Short | Long |

**Prior Applications and Sales**

Nil

Description**: Calixto Dilag,** Lower Templestowe, VIC




Bolognia and Roundhouse

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/017 |
| **Variety Name** | 'Auscrowd' |
| **Genus Species** | *Rosa* hybrid |
| **Common Name** | Rose |
| **Accepted Date** | 2023-04-28 |
| **Applicant** | David Austin Roses Limited, Wolverhampton, United Kingdom |
| **Agent** | Wagners Rose Nursery Pty Ltd, Kalangadoo, South Australia, Australia |
| **Qualified Person** | Christopher Prescott |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | 20 Koorine Road Kalangadoo SA. |
| **Descriptor** | TG/11/8 Rev. 2 Rose |
| **Period** | January 2026 to April 2026 |
| **Conditions** | The trial was set at a wholesale Nursery that specialises in garden rose plant varieties that are sold either as bare rooted plants or potted specimens, in Kalangadoo, South Australia. The plants were budded onto R. Multiflora rootstock that were planted in open rows in the soil. Fertilisation, watering and pest and disease management was conducted under a commercial nursery regime as required. Examination took place on 2nd and 3rd year plants, on the first generation of growth after the Summer prune when the flowers were at full maturity. |
| **Trial Design** | Random block design that contained a minimum of 6 plants of each variety. |
| **Measurements** | Measurements were taken at random over all plants included in the trial. |
| **RHS Chart - edition** | 1995 |

**Origin and Breeding**

Controlled pollination: In 2011, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, United Kingdom, Mr David Austin selected an unnamed seedling to be the mother and an unnamed seedling to be the father. The resulting seed was sown in January 2012, from which a number of seedlings grew. The best of these seedlings was then selected and from this plant, in July 2012, 8 buds were taken and grafted (using the 'T'-budding method) onto Rosa Laxa root-stock outdoors. The following year, in 2013, the variety was considered good enough to be increased by grafting to 30 plants, which were monitored for 2 years. In 2015, the increase was up to 200, and again for two years after that the roses were monitored for success. In 2017, it was once again selected and it was decided the variety was good enough to be increased to 1,000. In 2018 the variety was increased by further budding to 7,500, sufficient budding for a commercial introduction in February 2019. Breeder - David Austin Roses Limited, Wolverhampton, United Kingdom

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | colour group | pink |
| Flower | diameter | medium to large |
| Flower | type | double |
| Flower | profile of upper part | flattened convex |
| Flower | density of petals | medium |
| Petal | number of colours on inner side (basal spot excluded) | one |
| Plant | growth type | shrub |

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

| Variety | Comment |
|---|---|
| **'AUSPIKE'** | Inclusion Comment: |
| **'AUSVIBRANT'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'Auscrowd' | 'AUSPIKE' | 'AUSVIBRANT' |
|---|---|---|---|---|
| **X** | Leaflet - undulation of margin | strong | medium | strong |
| **X** | Terminal leaflet - shape of blade | ovate | ovate | medium elliptic |
| **X** | Terminal leaflet - shape of base of blade | rounded | cordate | rounded |
| **X** | Flowering shoot - number of flowering laterals | medium | few | few |
| **X** | Petal - intensity of colour (basal spot excluded) | lighter towards the top | even | even |
| **X** | Seed vessel - size (at petal fall) | medium to large | medium | small |
| | Terminal leaflet - shape of apex of blade | acute | acute | acute |
| | Plant - growth habit | semi upright to intermediate | semi upright | semi upright to intermediate |
| | Petal - size of basal spot on inner side | small | very small to small | very small to small |
| **X** | Petal - width | medium | broad | medium |
| | Young shoot - anthocyanin colouration | present | present | present |
| | Leaf - size | large | large | medium to large |
| | Petal - basal spot on inner side | present | present | present |
| | Flower - profile of upper part | flattened convex | flattened convex | flattened convex |

| | | | | |
|---|---|---|---|---|
| **X** | Leaf - anthocyanin colouration | present | absent | absent |
| **X** | Flower bud - shape in longitudinal section | broad ovate | medium ovate | medium ovate |
| | Petal - reflexing of margin | weak | absent or very weak to weak | absent or very weak to weak |
| **X** | Flower - profile of lower part | concave | concave | flattened convex |
| **X** | Outer stamen - predominant colour of filament | light yellow | medium yellow | light yellow |
| **X** | Petal - shape | obovate | rounded | rounded |
| **X** | Flower - shape | round | irregularly rounded | irregularly rounded |
| | Flower - type | double | double | double |
| | Flower - colour of centre | pink | pink | pink |
| | Petal - incisions | absent or very weak | absent or very weak | absent or very weak |
| **X** | Petal - size | small to medium | large | medium |
| | Flower - colour group | pink | pink | pink |
| | Plant - growth type | shrub | shrub | shrub |
| **X** | Flower - diameter | medium | large | medium to large |
| **X** | Sepal - extensions | weak | weak | strong |
| **X** | Leaf - glossiness of upper side | weak | medium | weak |
| | Petal - length | short to medium | medium | medium |
| | Petal - undulation | absent or very weak to weak | absent or very weak to weak | absent or very weak to weak |
| **X** | Plant - height (during second flush) | short to medium | medium to tall | short to medium |
| | Flower - density of petals | medium | medium | medium to dense |
| | Prickles - dominant colour (as for 6) | reddish | reddish | reddish |
| | Flowering shoot - number of flowers per lateral | very few | very few | very few |
| **X** | Young shoot - intensity of anthocyanin colouration | strong | medium | medium |
| | Flowering shoot - flowering laterals | present | present | present |
| **X** | Petal - colour of basal spot on inner side | medium yellow | light yellow | light yellow |
| | Petals - reflexing of petals one-by-one | present | present | present |
| | Petal - number of colours on inner side (basal spot excluded) | one | one | one |
| | Stem - number of prickles (excluding very small and hair-like prickles) | absent or very few to few | few | few |
| | Hip - shape in longitudinal section | pitcher-shaped | pitcher-shaped | pitcher-shaped |
| | Flower - number of petals | many | many | many |

| | | | | |
|---|---|---|---|---|
| **X** | Leaf - intensity of green colour (upper side) | medium to dark | medium to dark | light to medium |

**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'Auscrowd'** | **'AUSPIKE'** | **'AUSVIBRANT'** |
|---|---|---|---|---|
| **X** | Flower : fragrance | weak | absent or very weak | weak |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| United Kingdom | 2019 | Granted | 'Auscrowd' |
| European Union | 2019 | Granted | 'Auscrowd' |
| United States of America | 2019 | Granted | 'Auscrowd' |
| Japan | 2020 | Granted | 'Auscrowd' |
| Canada | 2021 | Granted | 'Auscrowd' |
| Republic of Korea | 2021 | Granted | 'Auscrowd' |
| China | 2021 | Granted | 'Auscrowd' |

First sold in the United Kingdom in February 2019

**Description: Christopher Prescott,** Mount Eliza, VIC




Rosa hybrid - 'Auscrowd' (left) with its comparator varieties 'Auspike' (middle) and 'Ausvibrant' (right), shows the difference in leaf colour and size, prickle number and petal basal spot.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/018 |
| **Variety Name** | 'Ausegdon' |
| **Genus Species** | *Rosa* hybrid |
| **Common Name** | Rose |
| **Accepted Date** | 2023-04-28 |
| **Applicant** | David Austin Roses Limited, Wolverhampton, United Kingdom |
| **Agent** | Wagners Rose Nursery Pty Ltd, Kalangadoo, South Australia, Australia |
| **Qualified Person** | Christopher Prescott |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | 20 Koorine Road Kalangadoo SA. |
| **Descriptor** | TG/11/8 Rev. 2 Rose |
| **Period** | January 2026 to April 2026 |
| **Conditions** | The trial was set at a wholesale Nursery that specialises in garden rose plant varieties that are sold either as bare rooted plants or potted specimens, in Kalangadoo, South Australia. The plants were budded onto R. Multiflora rootstock that were planted in open rows in the soil. Fertilisation, watering and pest and disease management was conducted under a commercial nursery regime as required. Examination took place on 2nd year plants, on the first generation of growth after the Summer prune when the flowers were at full maturity. |
| **Trial Design** | Random block design that contained a minimum of 6 plants of each variety. |
| **Measurements** | Measurements were taken at random over all plants included in the trial. |
| **RHS Chart - edition** | 1995 |

**Origin and Breeding**

Controlled pollination: In 2011, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, United Kingdom, Mr David Austin selected an unnamed seedling to be the mother and an unnamed seedling to be the father. The resulting seed was sown in January 2012, from which a number of seedlings grew. The best of these seedlings was then selected and from this plant, in July 2012, 8 buds were taken and grafted (using the 'T'-budding method) onto Rosa Laxa root-stock outdoors. The following year, in 2013, the variety was considered good enough to be increased by grafting to 30 plants, which were monitored for 2 years. In 2015, the increase was up to 200, and again for two years after that the roses were monitored for success. In 2017, it was once again selected and it was decided the variety was good enough to be increased to 1,000. In 2018 the variety was increased by further budding to 7,500, sufficient budding for a commercial introduction in February 2019. Breeder - David Austin Roses Limited, Wolverhampton, United Kingdom

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | profile of upper part | flat |
| Flower | colour group | pink blend |
| Flower | growth type | shrub |
| Flower | shape | irregularly rounded |
| Flower | type | double |
| Petal | main colour on outer side | pink |

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

| Variety | Comment |
|---|---|
| **'AUSEARNSHAW'** | Inclusion Comment: |
| **'AUSRUMBA'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'Ausegdon' | 'AUSEARNSHAW' | 'AUSRUMBA' |
|---|---|---|---|---|
| | Plant - growth habit | semi upright | semi upright to intermediate | semi upright to intermediate |
| | Petal - length | medium | medium | medium |
| | Young shoot - anthocyanin colouration | present | present | present |
| | Terminal leaflet - shape of blade | ovate | ovate | ovate |
| **X** | Flowering shoot - number of flowers per lateral | few | few | very few |
| **X** | Petal - intensity of colour (basal spot excluded) | lighter towards the top | even | lighter towards the base |
| | Leaf - size | large | large | large |
| **X** | Petal - number of colours on inner side (basal spot excluded) | two | one | one |
| | Flower - shape | irregularly rounded | irregularly rounded | irregularly rounded |
| | Petal - incisions | weak | weak | weak |
| **X** | Flower - density of petals | medium to dense | medium | loose |
| **X** | Leaf - anthocyanin colouration | absent | absent | present |
| **X** | Petal - reflexing of margin | medium | weak | absent or very weak to weak |
| **X** | Flowering shoot - number of flowering laterals | medium to many | few to medium | medium |

| | | | | |
|---|---|---|---|---|
| X | Flower bud - shape in longitudinal section | broad ovate | medium ovate | broad ovate |
| | Seed vessel - size (at petal fall) | medium | medium | medium |
| | Petal - shape | obcordate | obcordate | obcordate |
| X | Leaf - intensity of green colour (upper side) | medium | medium | light |
| X | Petal - colour of basal spot on inner side | medium yellow | medium yellow | light yellow |
| X | Petal - width | broad | medium | narrow |
| | Terminal leaflet - shape of base of blade | cordate | cordate | cordate |
| | Flower - profile of upper part | flat | flat | flat |
| X | Leaflet - undulation of margin | medium | medium | absent or very weak |
| | Petals - reflexing of petals one-by-one | present | present | present |
| X | Outer stamen - predominant colour of filament | light yellow | medium yellow | medium yellow |
| X | Leaf - glossiness of upper side | absent or very weak to weak | weak to medium | absent or very weak |
| | Flower - colour group | pink blend | pink blend | pink |
| | Petal - distribution of secondary colour on inner side (basal spot excluded) | at base | | |
| X | Plant - height (during second flush) | short | tall | medium |
| | Prickles - dominant colour (as for 6) | reddish | reddish | reddish |
| X | Flower - diameter | large | small | medium |
| X | Petal - size of basal spot on inner side | medium | medium | small |
| | Young shoot - intensity of anthocyanin colouration | weak | weak | weak to medium |
| X | Flower - number of petals | many | many | medium |
| | Flower - type | double | double | double |
| | Flower - profile of lower part | flattened convex | flattened convex | flattened convex |
| | Terminal leaflet - shape of apex of blade | acute | acute | acute |
| | Hip - shape in longitudinal section | pitcher-shaped | pitcher-shaped | pitcher-shaped |
| | Petal - basal spot on inner side | present | present | present |
| X | Stem - number of prickles (excluding very small and hair-like prickles) | many | few | absent or very few |
| X | Sepal - extensions | medium | weak | weak |
| | Flower - fragrance | medium | medium | medium |

| | | | | |
|---|---|---|---|---|
| | Flowering shoot - flowering laterals | present | present | present |
| **X** | Petal - undulation | weak to medium | weak | absent or very weak to weak |
| **X** | Flower - colour of centre | pink | orange | pink |
| | Plant - growth type | shrub | shrub | shrub |
| | Petal - size | medium to large | medium | medium |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| United Kingdom | 2019 | Granted | 'Ausegdon' |
| European Union | 2019 | Granted | 'Ausegdon' |
| United States of America | 2019 | Granted | 'Ausegdon' |
| Japan | 2020 | Granted | 'Ausegdon' |
| Canada | 2021 | Granted | 'Ausegdon' |
| Republic of Korea | 2021 | Granted | 'Ausegdon' |
| China | 2021 | Granted | 'Ausegdon' |
| Serbia | 2022 | Granted | 'Ausegdon' |

First sold in the United Kingdom in February 2019

**Description: Christopher Prescott,** Mount Eliza, VIC




Rosa hybrid - 'Ausegdon' (left) with its comparator varieties 'Ausearnshaw' (middle) and 'Ausrumba' (right), shows the difference in leaf and petal colour, number of prickles, and flower diameter.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/045 |
| **Variety Name** | 'LEVANTE' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Accepted Date** | 06-Apr-2023 |
| **Applicant** | Cooperatie Agrico U.A., Emmeloord, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2290 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in Bant, The Netherlands in 2008. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed.In 2017 and 2018 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Kweek- en Researchbedrijf Agrico B.V., Bant, NL

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Nubila' | |

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

| Organ/Plant Part: Context | 'LEVANTE' | 'Nubila' |
|---|---|---|
| ☐ Lightsprout: size | medium | |
| ☐ *Lightsprout: shape | spherical | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | weak | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | medium | |
| ☐ Lightsprout: size of tip in relation to base | small to medium | |
| ☐ Lightsprout: habit of tip | closed to intermediate | |
| ☐ Lightsprout: anthocyanin colouration of tip | very weak to weak | |
| ☐ Lightsprout: pubescence of tip | very weak to weak | |
| ☐ *Lightsprout: number of root tips | medium to many | |
| ☐ Lightsprout: length of lateral shoots | short to medium | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | semi-upright | |
| ☐ *Stem: anthocyanin colouration | absent or very weak | |
| ☐ Leaf: outline size | large | |
| ☐ Leaf: openness | intermediate to open | |
| ☐ Leaf: presence of secondary leaflets | medium to strong | |
| ☐ Leaf: green colour | medium | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | |
| ☒ Second pair of lateral leaflets: width in relation to length | narrow to medium | broad |
| ☐ Terminal and lateral leaflets: frequency of coalescence | absent or very low | |
| ☐ Flower bud: anthocyanin colouration | absent or very weak | |
| ☐ Plant: height | tall | |
| ☐ *Plant: frequency of flowers | medium to high | |
| ☐ Inflorescence: size | medium | |

| | | |
|---|---|---|
| ☐ Inflorescence: anthocyanin colouration on peduncle | absent or very weak | |
| ☐ Flower corolla: size | medium | |
| ☐ *Flower corolla: intensity of anthocyanin colouration on inner side | absent or very weak | |
| ☐ *Plant: time of maturity | medium to late | medium |
| ☐ *Tuber: shape | long-oval | |
| ☐ Tuber: depth of eyes | very shallow to shallow | |
| ☐ *Tuber: colour of skin | yellow | |
| ☐ *Tuber: colour of base of eye | yellow | |
| ☐ *Tuber: colour of flesh | medium yellow | |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'LEVANTE'** | **'Nubila'** |
|---|---|---|
| ☐ Tuber: Smoothness of skin | Smooth | |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| EU | 2020 | Granted | 'LEVANTE' |
| NL | 2016 | Granted | 'LEVANTE' |

First sold as 'LEVANTE' on 21st March 2019 in Germany

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) 'LEVANTE'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/046 |
| **Variety Name** | 'PARADISO' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 06-Apr-2023 |
| **Applicant** | Cooperatie Agrico U.A., Emmeloord, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2313 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: First observed in 2007 in Kraggenburg, the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2017 and 2018 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: M. Pot, Sint Jansklooster, NL; M. Klaver, KRAGGENBURG, NL

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | yellow |

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

| Name | Comments |
|---|---|
| 'Maybell' | |

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

| Organ/Plant Part: Context | 'PARADISO' | 'Maybell' |
|---|---|---|
| ☐ Lightsprout: size | medium to large | |
| ☒ *Lightsprout: shape | spherical | conical |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | medium to strong | |
| ☐ Lightsprout: size of tip in relation to base | medium | |
| ☐ Lightsprout: habit of tip | intermediate | |
| ☐ Lightsprout: anthocyanin colouration of tip | weak | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium | |
| ☐ Lightsprout: length of lateral shoots | long | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | semi-upright to spreading | |
| ☐ *Stem: anthocyanin colouration | weak to medium | |
| ☐ Leaf: outline size | medium to large | |
| ☐ Leaf: openness | closed to intermediate | |
| ☐ Leaf: presence of secondary leaflets | medium | |
| ☐ Leaf: green colour | medium | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | very weak to weak | |
| ☐ Second pair of lateral leaflets: size | medium | |
| ☐ Terminal and lateral leaflets: frequency of coalescence | low | |
| ☐ Flower bud: anthocyanin colouration | medium | |

| | | | |
|---|---|---|---|
| ☐ Plant: height | medium | | |
| ☐ *Plant: frequency of flowers | high to very high | | |
| ☐ Inflorescence: size | large | | |
| ☐ Inflorescence: anthocyanin colouration on peduncle | medium | | |
| ☐ Flower corolla: size | large to very large | | |
| ☐ *Flower corolla: intensity of anthocyanin colouration on inner side | medium to strong | | |
| ☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | medium | | |
| ☐ *Flower corolla: extent of anthocyanin colouration on inner side | large | | |
| ☐ *Plant: time of maturity | late | | |
| ☐ *Tuber: shape | long-oval | oval | |
| ☐ Tuber: depth of eyes | shallow | | |
| ☐ *Tuber: colour of skin | yellow | | |
| ☐ *Tuber: colour of base of eye | yellow | | |
| ☐ *Tuber: colour of flesh | medium yellow | light yellow | |

**Characteristics Additional to the Descriptor/TG**

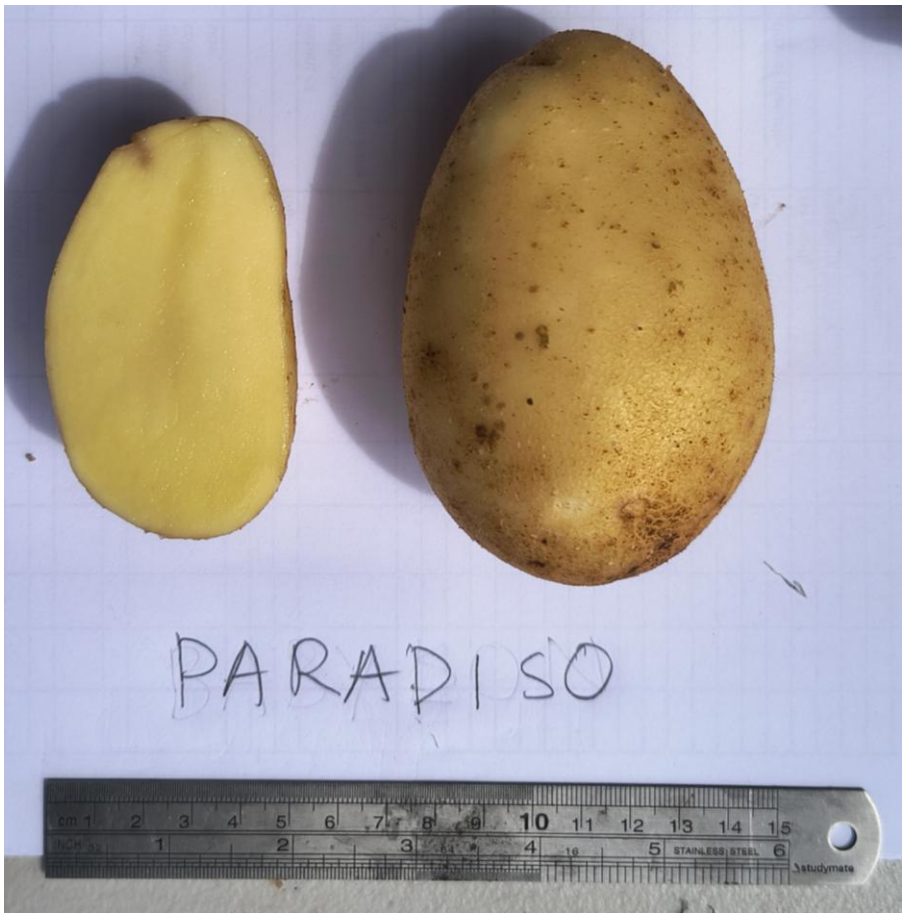
| **Organ/Plant Part: Context** | **'PARADISO'** | **'Maybell'** |
|---|---|---|
| ☐ Tuber: Smoothness of skin | Medium | |

**Prior Applications and Sales:**

| **Country** | **Year** | **Status** | **Name Applied** |
|---|---|---|---|
| EU | 2020 | Granted | 'PARADISO' |
| NL | 2016 | Granted | 'PARADISO' |
| RS | 2019 | Granted | 'PARADISO' |
| BR | 2022 | pending | 'PARADISO' |

First sold as 'PARADISO' on 13th March 2019 in Romania

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) ‘PARADISO’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/047 |
| **Variety Name** | 'CORAZON' |
| **Genus Species** | *Solanum tuberosum* L. |
| **Common Name** | Potato |
| **Accepted Date** | 06-Apr-2023 |
| **Applicant** | Cooperatie Agrico U.A., Emmeloord, NL |
| **Agent** | Agrico Australia, Ridgley, TAS 7321 |
| **Qualified Person** | James Hills |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktuinbouw, NL |
| **Overseas Data Reference Number** | ARD2312 |
| **Location** | 353 Upper Stowport Rd, Stowport, Tasmania 7321 |
| **Descriptor** | TG/23/6 |
| **Period** | 09/11/2024 to 20/02/2025 for field trial and 10/11/2025 for lightsprouts |
| **Conditions** | Only the candidate variety was grown in the trial as this was a verification trial with the comparator data used from an overseas DUS test. Minitubers obtained from Agronico Pty Ltd were used as the source material for the test varieties. These were grown in 10L grow bags at 1 Queen street Ridgley and harvested in February 2024. The harvested potatoes were stored until planting in a field trial in November 2024 in Stowport. The potatoes were planted in a red ferrosol soil with a standard fertiliser mix (14:16:11) and were irrigated and managed according to normal agronomic practices for potatoes. |
| **Trial Design** | Randomised complete block with 3 replicates of 20 plants. |
| **Measurements** | Trial data was collected on 20-Feb-2025 using the standard UPOV descriptors. Lightsprout assessments were completed on 10th November 2025 |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination; First observed in 2006 in Bant, the Netherlands. The first three years of selection were mainly on agronomic characteristics at New Vennep and Bant in The Netherlands. Following this there were 5 years of field trials, combined with laboratory and field tests on resistance and tolerance at Bant, The Netherlands and on trial fields in Europe and North Africa. These trials were completed under supervision of Coöperatie Agrico UA. Propagation occurred by stem selection by specialist growers in The Netherlands and later also by in vitro multiplication techniques. To date no off types have been observed. In 2014 and 2015 the variety was assessed for national listing and breeders rights in The Netherlands. Breeder: Lantmännen Seed B.V., Emmeloord, NL

**Choice of Comparators**

Characteristics 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 | proportion of blue in anthocyanin coloration of base | absent or low |
| Tuber | color of skin | medium red |

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

| Name | Comments |
|---|---|
| 'Sanibel' | |

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

| Organ/Plant Part: Context | 'CORAZON' | 'Sanibel' |
|---|---|---|
| ☐ Lightsprout: size | medium to large | |
| ☐ *Lightsprout: shape | conical | |
| ☐ *Lightsprout: intensity of anthocyanin colouration | medium to strong | |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | |
| ☐ *Lightsprout: pubescence of base | strong to very strong | |
| ☐ Lightsprout: size of tip in relation to base | small to medium | |
| ☐ Lightsprout: habit of tip | closed to intermediate | |
| ☐ Lightsprout: anthocyanin colouration of tip | weak to medium | |
| ☐ Lightsprout: pubescence of tip | medium | |
| ☐ *Lightsprout: number of root tips | medium to many | |
| ☐ Lightsprout: length of lateral shoots | short | |
| ☐ Plant: foliage structure | leaf type | |
| ☐ *Plant: growth habit | semi-upright | |
| ☐ *Stem: anthocyanin colouration | medium | |
| ☒ Leaf: outline size | large to very large | medium to large |
| ☐ Leaf: openness | intermediate | |
| ☐ Leaf: presence of secondary leaflets | medium | |
| ☐ Leaf: green colour | light to medium | |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | weak to medium | |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | |
| ☐ Terminal and lateral leaflets: frequency of coalescence | medium | |
| ☐ Plant: height | tall | |
| ☒ *Plant: time of maturity | early | very early |
| ☐ *Tuber: shape | long-oval | |
| ☐ Tuber: depth of eyes | shallow | |
| ☐ *Tuber: colour of skin | red | |

| | | |
|---|---|---|
| ☐ | *Tuber: colour of base of eye | red |
| ☐ | *Tuber: colour of flesh | light yellow |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'CORAZON' | 'Sanibel' |
|---|---|---|
| ☐ Tuber: Smoothness of skin | Smooth | |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| EU | 2020 | Granted | 'CORAZON' |
| NL | 2016 | Granted | 'CORAZON' |

First sold as 'CORAZON' on 29th Nov 2019 in Hungary.

Description: **James Hills,** Tasmania




*Solanum tuberosum* (Potato) 'CORAZON'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/063 |
| **Variety Name** | 'IB 705-6' |
| **Genus Species** | *Correa pulchella x (C. pulchella x C. reflexa)* |
| **Common Name** | Correa |
| **Accepted Date** | 2023-05-05 |
| **Applicant** | Plant Growers Australia, Wonga Park, Victoria |
| **Qualified Person** | Jordan Smark |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Wonga Park 3115, VIC |
| **Descriptor** | PBR CORR Correa |
| **Period** | March 2025 - April 2026 |
| **Conditions** | Trial conducted in the open, plants propagated as cuttings March 2025, and transferred to 140mm pots in July 2025. Pots were filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required. |
| **Trial Design** | Fifteen pots of each variety in a completely randomised design. |
| **Measurements** | From ten plants randomly selected. |
| **RHS Chart - edition** | Fifth Edition |

**Origin and Breeding**

Cross pollination: occurred in winter/spring 2014. Seedlings were raised in March 2015 and were raised to flowering maturity over the following two years. Initial selections were made in May 2017 based on the following breeding criteria, pink flower colour and very dense dark green foliage on a bushy plant. These plants were evaluated for a further year, at which point propagation, garden and production performance were trialled. A final selection was made in 2019 and all subsequent generations have remained uniform and stable.

Breeder: Plant Growers Australia Pty Ltd, Wonga Park 3115 Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Anther | position in relation to corolla | below |
| Anther | colour | yellow |
| Flower | shape | campanulate |
| Flower | length | medium |
| Flower | arrangement | solitary |
| Flowers | position | terminal and axillary |
| Plant | height | short |
| Style | colour | greeny white |

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

| Variety | Comment |
|---|---|
| **'Amber Chimes'** | Inclusion Comment: |
| **'Dusky Bells'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'IB 705-6' | 'Amber Chimes' | 'Dusky Bells' |
|---|---|---|---|---|
| **X** | Plant - attitude of branches | erect to semi-erect | semi-erect to prostrate | semi-erect to prostrate |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'IB 705-6' | 'Amber Chimes' | 'Dusky Bells' |
|---|---|---|---|---|
| | Anther : position in relation to corolla | below | below | below |
| | Anther : colour | yellow | yellow | yellow |
| | Corolla : main colour | dark pink | Orangish dark pink | Reddish dark pink |
| | Flower : arrangement | solitary | solitary | solitary |
| | Flowers : shape | campanulate | campanulate | campanulate |
| | Flowers : length | medium | medium | medium |
| **X** | Flowers : diameter | medium to broad | broad to very broad | broad |
| | Flowers : position | terminal and axillary | terminal and axillary | terminal and axillary |
| | Flowers : attitude | pendulous | prostrate to pendulous | prostrate to pendulous |
| | Leaf : shape | ovate | rhombic | ovate |
| **X** | Leaf : base | rounded | asymmetric | rounded |
| **X** | Leaf : size | small to medium | medium to large | medium to large |
| **X** | Leaf : hairiness | weak to medium | weak | absent or very weak |
| **X** | Leaf : colour | dark green | medium green | light to medium green |
| | Leaf : undulation of surface | absent or very weak | very weak to weak | very weak to weak |
| | Leaf : glossiness | weak to medium | medium | medium |
| | Leaf : colour of hairs | whitish, whitish,whitish | whitish | whitish |
| | Leaf : undulation of margin | absent or very weak | absent or very weak | very weak to weak |
| **X** | Leaf : longitudinal section | concave | convex | convex |
| **X** | Leaf : apex | acute | rounded | obtuse |

| | | | | |
|---|---|---|---|---|
| **X** | Perianth : lobes reflexing | weak to medium | strong | weak |
| | Petiole : length | short to medium | short | medium |
| **X** | Plant : density | dense | medium | medium |
| | Plant : height | short (<1m) | short (<1m) | short (<1m) |
| | Plant : growth habit | bushy | bushy | spreading to bushy |
| | Stem : Hairiness | medium | medium | medium to strong |
| **X** | Stem : colour (RHS chart) | N144C | N144C | 176A |
| **X** | stem : colour of hairs | brownish | brownish | reddish |
| **X** | Style : length | medium | long | medium |
| | Style : colour | greeny white | greeny white | greeny white |

First Sold in Australia as IB705-6 on 21 April 2022.

**Description: Jordan Smark,** Wonga Park, VIC




IB 705-6 (left), Dusky Bells (middle), Amber Chimes (right)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/101 |
| **Variety Name** | 'Firefly' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2023-05-31 |
| **Applicant** | InterGrain Pty Ltd, Bibra Lake, WA. |
| **Qualified Person** | David Watson |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Horsham VIC. |
| **Descriptor** | TG/3/12 Wheat |
| **Period** | Late May 2024 to Early December 2024 |
| **Conditions** | A Comparative trial was sown into a fallowed paddock at Horsham in Winter into good moisture. Conditions were slightly below average during Winter with a warm to hot Spring. |
| **Trial Design** | Randomised block design with 2 replicates. Plots 1.25m wide and 6m long (5 rows and 250mm spacing) |
| **Measurements** | Measurements were taken from 10 specimens per plot, selected at random. One measurement per plant. Traits were recorded for every replicate at the appropriate growth stage. Statistical analyses were completed using "R" software. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: A final cross was made between the parents resulting in the population coded 15EB142. The population was selfed from F2 onwards and reselections were made in the F5 generation. These reselections were tested as fixed lines for 5 generations across 5 seasons. Agronomic, disease and quality testing was conducted during these seasons.
Selection criteria: yield, disease, agronomic and grain quality suited to the high, medium and low rainfall areas of Western, Southern and Eastern Australia.
Propagation: seed through seven generations (selection) and six years performance testing as a fixed line by InterGrain. Breeder: InterGrain Pty Ltd, Bibra Lake, WA.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Ear | Presence of awns | Present |
| Grain | Grain hardness | Soft |
| Plant | Type | Spring Type |

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

| Variety | Comment |
|---|---|
| **'Kinsei'** | Matching all grouping characteristics |
| **'Ninja'** | Matching all grouping characteristics |
| **'Rockstar'** | Not matching all grouping characteristics |
| **'Scepter'** | Not matching all grouping characteristics |
| **'Supreme'** | Matching all grouping characteristics |
| **'Zen'** | Matching all grouping characteristics |

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

| | Plant/Organ Part: Context | 'Firefly' | 'Kinsei' | 'Ninja' | 'Supreme' | 'Zen' |
|---|---|---|---|---|---|---|
| **X** | *Plant - length | long | long to very long | long | short | medium |
| **X** | *Ear - length of scurs or awns | medium | medium | medium | long | medium to long |
| **X** | *Ear - density | medium to dense | lax to medium | lax to medium | lax | medium to dense |
| **X** | Ear - shape in profile | parallel sided | tapering | tapering | tapering | parallel sided |
| **X** | Plant - frequency of plants with recurved flag leaves | low to medium | high to very high | low to medium | low | high to very high |
| | *Ear - scurs or awns | awns present | awns present | awns present | awns present | awns present |
| | Flag leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | absent or weak | absent or weak | absent or weak |
| | *Straw - pith in cross section | thin | thin | thin | thick or filled | medium |
| | Seed - colour | white | white | white | white | white |
| | Lower glume - shoulder width | narrow | narrow | narrow | narrow | narrow to medium |
| | *Flag leaf - glaucosity of sheath | medium to strong | medium | medium | medium | medium to strong |
| | *Ear - glaucosity | weak to medium | weak to medium | weak to medium | medium | medium to strong |
| | Culm - glaucosity of neck | medium | weak to medium | weak | medium to strong | medium to strong |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Plant - frequency of plants with recurved flag leaves | low to medium | high to very high | low to medium | low | high to very high |
| | *Time of - ear emergence | early to medium | early to medium | early to medium | early to medium | early to medium |
| | Apical rachis segment - area of hairiness on convex surface | large | medium | large | medium to large | medium |
| | *Plant - growth habit | semi erect | semi erect | semi erect | erect to semi erect | semi erect |
| | *Seasonal - type | spring type | spring type | spring type | spring type | spring type |
| | *Lower glume - shape of beak | slightly curved | slightly curved | slightly curved | straight | slightly curved |
| | *Ear - colour | white | white | white | white | white |
| | Lower glume - length of beak | medium to long | medium | medium to long | medium | medium to long |
| | Lower glume - area of hairiness on internal surface | very small | small | small | small | large |
| | Lower glume - shoulder shape | slightly elevated | horizontal to slightly elevated | slightly elevated | slightly elevated | slightly elevated |
| | Ear - shape in profile | parallel sided | tapering | tapering | tapering | parallel sided |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'Firefly' | 'Kinsei' | 'Ninja' | 'Supreme' | 'Zen' |
|---|---|---|---|---|---|---|

**Statistical Table**

| | Plant/Organ Part: Context | 'Firefly' | 'Kinsei' | 'Ninja' | 'Supreme' | 'Zen' |
|---|---|---|---|---|---|---|
| X | Ear : Density (mm) | | | | | |
| | Mean | 0.12 | 0.11 | 0.1 | 0.1 | 0.11 |
| | Std Deviation | 0.01 | 0.01 | 0.01 | 0 | 0 |
| | Lsd/sig | 0.01 | 0.05 | 0.01 | 0.01 | ns |
| | Means Separation | 0.01 | -0.01 | -0.01 | -0.02 | 0 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA | ANOVA |
| | Ear : Length (mm) | | | | | |
| | Mean | 75.24 | 74.25 | 74.60 | 82.30 | 69.92 |
| | Std Deviation | 8.64 | 8.98 | 7.17 | 10.08 | 4.06 |
| | Lsd/sig | 7.26 | ns | ns | ns | ns |
| | Means Separation | NA | -1 | -0.64 | 7.06 | -5.32 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA | ANOVA |

| | | | | | | |
|---|---|---|---|---|---|---|
| **X** | Ear : Awn length (mm) | | | | | |
| | Mean | 50.62 | 53.89 | 54.01 | 62.93 | 58.31 |
| | Std Deviation | 2.72 | 6.93 | 6.46 | 5.63 | 3.4 |
| | Lsd/sig | 4.42 | ns | ns | ns | 0.01 |
| | Means Separation | NA | 3.27 | 3.39 | 12.31 | 7.69 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA | ANOVA |
| **X** | Plant : Length (mm) | | | | | |
| | Mean | 827 | 866 | 824 | 706 | 777 |
| | Std Deviation | 28.3 | 34.71 | 31.34 | 37.77 | 26.69 |
| | Lsd/sig | 27.44 | 0.05 | ns | 0.01 | 0.01 |
| | Means Separation | NA | 39 | -3 | -121 | -50 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA | ANOVA |

**Prior Applications and Sales:**

**Nil**

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




Firefly and it's comparators: Plant length

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/147 |
| **Variety Name** | 'LONGREACH VORTEX' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2023-07-21 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Agent** | Jesse Fidgeon, Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |
| **RHS Chart - edition** | |

**Origin and Breeding**

In 2015 a controlled pollination cross was made between "LONGREACH COBRA" and "LPB14-2556" to produce the LR15000012 population. At the start of 2015, a double haploid population was developed and a seed increase conducted in a glasshouse, LR15000012 (F1DH0). In the winter of 2016, seed of the LR15000012 (F1DH1) population was increased again using glasshouses. In the summer of 2016/17 LR15000012 (F1DH2) was entered in to the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR15000012 population, 17LR038575 (F1DH2) was selected for advancement and assigned the breeding code LPB18-3055. In the winter season of 2018, LPB18-3055 (F1HD3) was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across Western Australia. LPB18-3055 progressed through the LRPB trial program until 2022 (F1HD7) where it was then trialled in WA, SA and VIC in LongReach Plant Breeders trials and in the National Variety Trial program. In 2023 PBR Part 1 was completed and LPB18-3055 was approved to be named LONGREACH VORTEX. Breeder: Albertus Jacobs, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Glaucosity | Weak to medium |
| Ear | Colour | White |
| Grain | Colour | White |
| Lower glume | Beak Length | Long |
| Plant | Growth habit | Semi-erect to intermediate |
| Plant | Anthocyanin colour auricles | Absent/very weak |
| Plant | Length | Medium |
| Seasonal | Type | Spring type |
| Time of | Ear emergence | Early to medium |

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

| Variety | Comment |
|---|---|
| 'Bremer' | Does not match all grouping characteristics. |
| 'Caliber' | Does not match all grouping characteristics. |
| 'Longreach Cobra' | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| 'Mace' | Does not match all grouping characteristics. |
| 'Scepter' | Matches all grouping characteristics. |

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

| | Plant/Organ Part: Context | 'LONGREACH VORTEX' | 'Scepter' |
|---|---|---|---|
| | Seed - colour | white | white |

| | | | |
|---|---|---|---|
| | Plant - growth habit | semi erect to intermediate | semi erect |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak |
| | Plant - frequency of plants with recurved flag leaves | low | low |
| | Ear - time of emergence | early to medium | medium |
| | Flag Leaf - glaucosity of sheath | weak to medium | medium |
| | Ear - glaucosity | weak to medium | weak to medium |
| | Plant - length | medium | medium to long |
| | Straw - pith in cross section | thin | thin |
| | Ear - shape in profile | parallel sided | tapering |
| | Ear - density | dense | dense |
| **X** | Ear - length | long | medium |
| | Ear - length of scurs or awns | medium | medium |
| | Ear - scurs or awns | awns present | awns present |
| | Ear - colour | white | white |
| | Apical rachis segment - area of hairiness on convex surface | small | absent or very small to small |
| | Lower glume - shoulder width | medium | narrow to medium |
| | Lower glume - shoulder shape | slightly elevated | horizontal to slightly elevated |
| | Lower glume - length of beak | long | long |
| | Lower glume - shape of beak | slightly curved | slightly curved |
| **X** | Lower glume - area of hairiness on internal surface | medium | large |
| | Plant - seasonal type | spring type | spring type |

**Statistical Table**

| | **Plant/Organ Part: Context** | **'LONGREACH VORTEX'** | **'Scepter'** |
|---|---|---|---|
| | Awns at tip of ear : Length (mm) | | |
| | Mean | 41.52 | 40.72 |
| | Std Deviation | 2.31 | 4.54 |
| | Lsd/sig | 3.47 | ns |
| **X** | Ear : Length (mm) | | |
| | Mean | 102.37 | 84.40 |
| | Std Deviation | 5.47 | 4.74 |
| | Lsd/sig | 4.81 | P≤0.001 |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety 'LONGREACH VORTEX' with comparator 'Scepter'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/148 |
| **Variety Name** | 'LONGREACH TRACER' |
| **Synonym** | LRPB TRACER |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2023-07-21 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Agent** | Jesse Fidgeon, Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |

| | |
|---|---|
| **RHS Chart - edition** | |

**Origin and Breeding**

In 2016 a controlled pollination cross was made between "BECKOM" and "LONGREACH MUSTANG" to produce the LR16000043 population. At the start of 2017, a double haploid population was developed and a seed increase conducted in a glasshouse, LR16000043 (F1DH0). In the summer of 2017/18 LR16000043 (F1DH1) was entered in to the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR16000043 population, 17LR055192 (F1DH2) was selected and assigned the breeding code LPB18-7186. In the winter season of 2018 LPB18-7186 was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across New South Wales. LPB18-7186 progressed through the LRPB trial program until 2022 (F1HD6) where it was then trialled across the country in the LongReach Plant Breeders WA, SA, VIC and NSW trials and in the National Variety Trial program. In 2023 PBR Part 1 was completed and LPB18-7186 was approved to be named LONGREACH TRACER. Breeder: Albertus Jacobs, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Shape in profile | Tapering |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | Absent/very weak |
| Flag Leaf | Glaucosity of sheath | Weak to medium |
| Grain | Colour | White |
| Lower glume | Beak Length | Short to medium |
| Plant | Growth habit | Semi-erect |
| Plant | Length | Short to medium |
| Seasonal | Type | Spring type |
| Time of | Ear emergence | Early to medium |

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

| Variety | Comment |
|---|---|
| **'AGT Scythe'** | Does not match all grouping characteristics. |
| **'Beckom'** | Matches all grouping characteristics. |
| **'Corack'** | Does not match all grouping characteristics. |
| **'Longreach Mustang'** | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| **'Sunmaster'** | Does not match all grouping characteristics. |

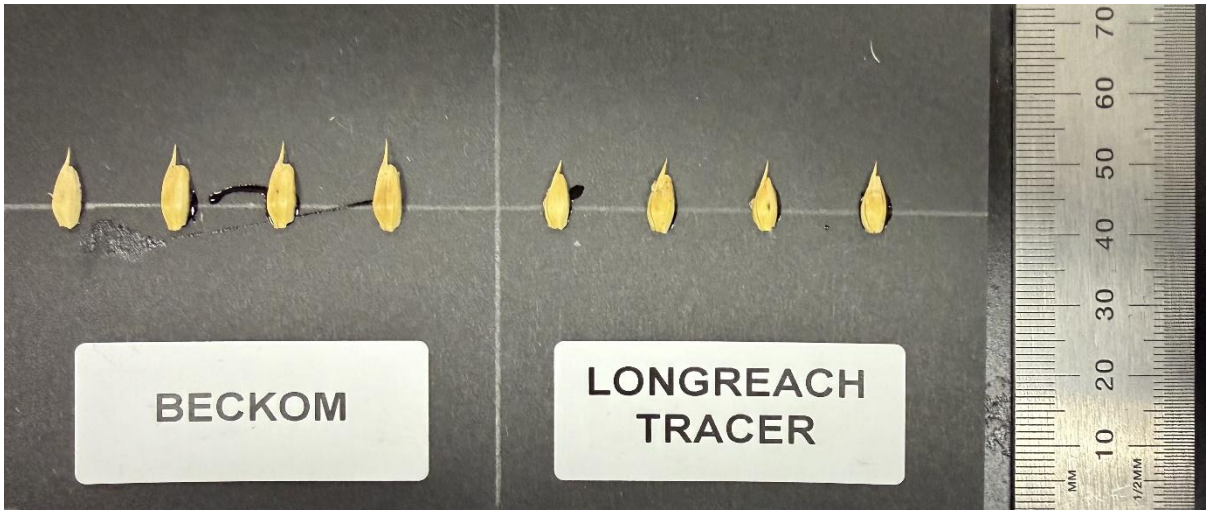
**Variety Description and Distinctness** - Characteristics which distinguish the candidate from one or more of the comparators are marked with X

| | Plant/Organ Part: Context | 'LONGREACH TRACER' | 'Beckom' |
|---|---|---|---|
| | Seed - colour | white | white |
| | Plant - growth habit | semi erect | semi erect |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak |
| | Plant - frequency of plants with recurved flag leaves | medium | medium |
| | Ear - time of emergence | early | early to medium |
| | Flag Leaf - glaucosity of sheath | weak to medium | medium |
| | Ear - glaucosity | weak | weak to medium |
| | Plant - length | short to medium | short to medium |
| | Straw - pith in cross section | thin | thin |
| | Ear - shape in profile | tapering | tapering |
| | Ear - density | dense | dense |
| | Ear - length | short to medium | short to medium |
| | Ear - scurs or awns | awns present | awns present |
| | Ear - length of scurs or awns | medium | short to medium |
| | Ear - colour | white | white |
| | Apical rachis segment - area of hairiness on convex surface | small | small |
| **X** | Lower glume - shoulder width | narrow | narrow to medium |
| **X** | Lower glume - shoulder shape | horizontal to slightly elevated | horizontal |
| | Lower glume - length of beak | short to medium | short to medium |
| **X** | Lower glume - shape of beak | straight | slightly curved |
| | Lower glume - area of hairiness on internal surface | medium | medium |
| | Plant - seasonal type | spring type | spring type |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety ‘LONGREACH TRACER’ with comparator ‘Beckom’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/149 |
| **Variety Name** | 'LONGREACH MAJOR' |
| **Synonym** | LRPB MAJOR |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2023-07-21 |
| **Applicant** | LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia |
| **Agent** | Jesse Fidgeon, Lonsdale, SA, Australia |
| **Qualified Person** | Jesse Fidgeon |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Freeling, SA |
| **Descriptor** | TG/3/12 Rev. Wheat |
| **Period** | 2025 |
| **Conditions** | A comparative trial was sown near the South Australian town of Freeling. The trial was sown on the 5th of June 2025. The trial was managed accordingly through the growing season by using herbicide, pesticide and fungicide applications to control agronomy issues. Fertiliser was applied, representative of best practice in the region which facilitated plant expression. There was low disease and pest pressure with moderate weed pressure at the trial site. The pre seeding herbicide application on the 5th of June included a knockdown of Crucial (2L/ha) and Hammer (40mL/ha) with Treflan (2L/ha) and Mateno (1L/ha) also applied and to be all incorporated by sowing. These were used to kill and inhibit the growth of both grass and broadleaf weeds. Included with the seed sown was fertiliser, consisting of urea (50kg/ha) and Granulock Z (100kg/ha) to promote strong early root growth and even plant emergence. On the 18th of June, a post emergent application of Boxer Gold (2.5L/ha) was applied to control early grass weeds and Talstar (375mL/ha) used to insect pests. Urea (100kg/ha) was applied on the 7th of July to encourage plant growth and healthy development. On the 21st of July an application of Topic (160mL/ha) was applied to further inhibit the growth of grass weeds. Prosaro (300mL/ha) and Trojan (40mL/ha) we applied on the 12th of September to control disease and pests at the site. Later, on the 31st of October another application of Trojan (30mL/ha) and a Epoxiconazole 125 (500mL/ha) were used to control pests and disease. The season had a dry finish with samples collected for further characteristic analysis on the 25th of November 2025. |
| **Trial Design** | A completely randomised design was used consisting of 34 entries of comparators and potential candidates. The trial was sown in 6 ranges by 17 plots wide, each entry replicated three times. Plots were 24m long by 1.8m wide (6 rows) and included approximately 4500 plants per plot. |
| **Measurements** | Quantitative characters were measured and recorded throughout the growing season across the trial at appropriate growth stages. 10 randomly selected plants in each replicate were sampled for furthers analysis and comparison. |

| RHS Chart - edition | |
|---|---|

**Origin and Breeding**

In 2016 a controlled pollination cross was made between 'BECKOM' and 'LONGREACH MUSTANG' to produce the LR16000043 population. At the start of 2017, a double haploid population was developed and a seed increase conducted in a glasshouse, LR16000043 (F1DH0). In the summer of 2017/18 LR16000043 (F1DH1) was entered into the LongReach Plant Breeders summer observation nursery located near Naracoorte, South Australia. Out of the LR16000043 population, 17LR055215 (F1DH2) was selected and assigned the breeding code LPB18-7203. In the winter season of 2018 LPB18-7203 was entered into the LongReach Plant Breeders yield, agronomic and quality stage 1 testing trials across New South Wales. LPB18-7203 progressed through the LRPB trial program until 2022 (F1HD6) where it was then trialled across the country in the LongReach Plant Breeders WA, SA, VIC and NSW trials and in the National Variety Trial program. In 2023 PBR Part 1 was completed and LPB18-7203 was approved to be named 'LONGREACH MAJOR'. Breeder: Albertus Jacobs, LongReach Plant Breeders Management Pty. Ltd., Lonsdale, SA, Australia.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Awns or scurs | Presence | Awns present |
| Ear | Glaucosity | Strong |
| Ear | Colour | White |
| Flag Leaf | Anthocyanin colour auricles | Absent/very weak |
| Grain | Colour | White |
| Lower glume | Shoulder Width | Medium to broad |
| Plant | Growth habit | Semi-erect to intermediate |
| Plant | Length | Medium |
| Seasonal | Type | Spring type |
| Time of | Ear emergence | Medium |

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

| Variety | Comment |
|---|---|
| 'Beckom' | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| 'Elmore CL Plus' | Does not match all grouping characteristics. |
| 'King Rock' | Does not match all grouping characteristics. |
| 'Longreach Mustang' | Pollen parent. Does not match all grouping characteristics. Additional exclusion characteristics listed in PBR Part 1. |
| 'Longreach Scotch' | Matches all grouping characteristics. |
| 'Yitpi' | Matches all grouping characteristics. |

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

| | Plant/Organ Part: Context | 'LONGREACH MAJOR' | 'Longreach Scotch' | 'Yitpi' |
|---|---|---|---|---|
| | Seed - colour | white | white | white |
| | Plant - growth habit | semi erect to intermediate | intermediate | semi erect to intermediate |
| | Flag Leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | absent or weak |
| X | Plant - frequency of plants with recurved flag leaves | medium | low | low to medium |
| | Ear - time of emergence | medium | medium to late | medium |
| X | Flag Leaf - glaucosity of sheath | strong to very strong | medium to strong | medium to strong |
| | Ear - glaucosity | strong to very strong | strong | strong to very strong |
| | Plant - length | medium | short to medium | medium |
| | Straw - pith in cross section | thin | thin | thin |
| | Ear - shape in profile | tapering | parallel sided | tapering |
| | Ear - density | dense | medium | medium |
| X | Ear - length | short | long | medium |
| | Ear - scurs or awns | awns present | awns present | awns present |
| | Ear - colour | white | white | white |
| | Apical rachis segment - area of hairiness on convex surface | small | absent or very small to small | absent or very small to small |
| | Lower glume - shoulder width | medium to broad | medium | medium to broad |
| | Lower glume - shoulder shape | horizontal to slightly elevated | horizontal to slightly elevated | horizontal |
| X | Lower glume - length of beak | long | short | medium |
| | Lower glume - shape of beak | slightly curved | straight | slightly curved |
| X | Lower glume - area of hairiness on internal surface | medium | very small | very small |
| | Ear - length of scurs or awns | medium | long | long |
| | Plant - seasonal type | spring type | spring type | spring type |

**Statistical Table**

| | Plant/Organ Part: Context | 'LONGREACH MAJOR' | 'Longreach Scotch' | 'Yitpi' |
|---|---|---|---|---|
| X | Ear : Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>71.19<br>5.16<br>4.53 | <br>105.5<br>5.65<br>P≤0.001 | <br>87.88<br>5.24<br>P≤0.001 |
| X | Lower glume : Beak Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>5.69<br>0.92<br>0.55 | <br>2.94<br>0.26<br>P≤0.001 | <br>3.78<br>0.29<br>P≤0.001 |

**Prior Applications and Sales:**

No prior sale or application.

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




*Triticum aestivum* (wheat) variety 'LONGREACH MAJOR' with comparator 'Longreach Scotch' AND 'Yitpi'

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/158 |
| **Variety Name** | 'Dozer' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | Wheat |
| **Accepted Date** | 2023-07-19 |
| **Applicant** | InterGrain Pty Ltd |
| **Agent** | |
| **Qualified Person** | David Watson |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Horsham |
| **Descriptor** | TG/3/12 Wheat |
| **Period** | Late May 2024 to Early December 2024 |
| **Conditions** | A Comparative trial was sown into a fallowed paddock at Horsham in Winter into good moisture. Conditions were slightly below average during Winter with a warm to hot Spring. |
| **Trial Design** | Randomised block design with 2 replicates. Plots 1.25m wide and 6m long (5 rows and 250mm spacing) |
| **Measurements** | Measurements were taken from 10 specimens per plot, selected at random. One measurement per plant. Traits were recorded for every replicate at the appropriate growth stage. Statistical analyses were completed using "R" software. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: A final cross was made between the parents resulting in the population coded 14Y175. The population was selfed from F2 onwards and reselections were made in the F5 generation. These reselections were tested as fixed lines for 6 generations across 6 seasons. Agronomic, disease and quality testing was conducted during these seasons.
Selection criteria: yield, disease, agronomic and grain quality suited to the high, medium and low rainfall areas of Western, Southern and Eastern Australia.
Propagation: seed through seven generations (selection) and six years performance testing as a fixed line by InterGrain.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Ear | Presence of awns | Present |

| | | |
|---|---|---|
| Plant | Resistance to Imidazoline herbicides | Tolerant |
| Plant | Type | Spring Type |

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

| Variety | Comment |
|---|---|
| **'Chief CL Plus'** | Matching all grouping characteristics |
| **'Hammer CL Plus'** | Matching all grouping characteristics |
| **'Mace'** | Does not match all grouping characteristics |
| **'Scepter'** | Does not match all grouping characteristics |
| **'Valiant CL Plus'** | Matching all grouping characteristics |

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

| | Plant/Organ Part: Context | 'Dozer' | 'Chief CL Plus' | 'Hammer CL Plus' | 'Valiant CL Plus' |
|---|---|---|---|---|---|
| **X** | *Plant - length | medium | medium | long | 'short to medium' |
| | *Straw - pith in cross section | thin | thick or filled | thin | 'thin' |
| **X** | *Ear - length of scurs or awns | medium | medium to long | medium | 'medium to long' |
| **X** | Ear - length | medium | short to medium | short to medium | 'medium' |
| | *Ear - scurs or awns | awns present | awns present | awns present | 'awns present' |
| | *Lower glume - shape of beak | slightly curved | slightly curved | slightly curved | 'slightly curved' |
| | Lower glume - shoulder width | medium | narrow | narrow | 'narrow' |
| | Lower glume - shoulder shape | horizontal | slightly elevated | slightly elevated | 'horizontal' |
| | *Seasonal - type | spring type | spring type | spring type | 'spring type' |
| | *Ear - colour | white | white | white | 'white' |
| | Apical rachis segment - area of hairiness on convex surface | large | large | large | 'medium to large' |
| | Lower glume - area of hairiness on internal surface | very small | small | small | 'small' |
| | *Ear - glaucosity | medium | medium | medium | 'strong' |
| | Lower glume - length of beak | medium | long to very long | medium | 'medium' |

| | | | | | |
|---|---|---|---|---|---|
| | Seed - colour | white | white | white | 'white' |
| | Plant - frequency of plants with recurved flag leaves | very low to low | medium | low to medium | 'absent or very low' |
| | *Time of - ear emergence | early to medium | early to medium | early to medium | 'late' |
| | *Flag leaf - glaucosity of sheath | medium | weak to medium | very weak to weak | 'strong' |
| | Flag leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | absent or weak | 'absent or weak' |
| | Culm - glaucosity of neck | medium | weak to medium | very weak to weak | 'strong' |
| | Ear - shape in profile | tapering | parallel sided | tapering | 'tapering' |
| | *Plant - growth habit | intermediate | intermediate | semi erect | 'erect to semi erect' |

**Characteristics Additional to the Descriptor/TG**

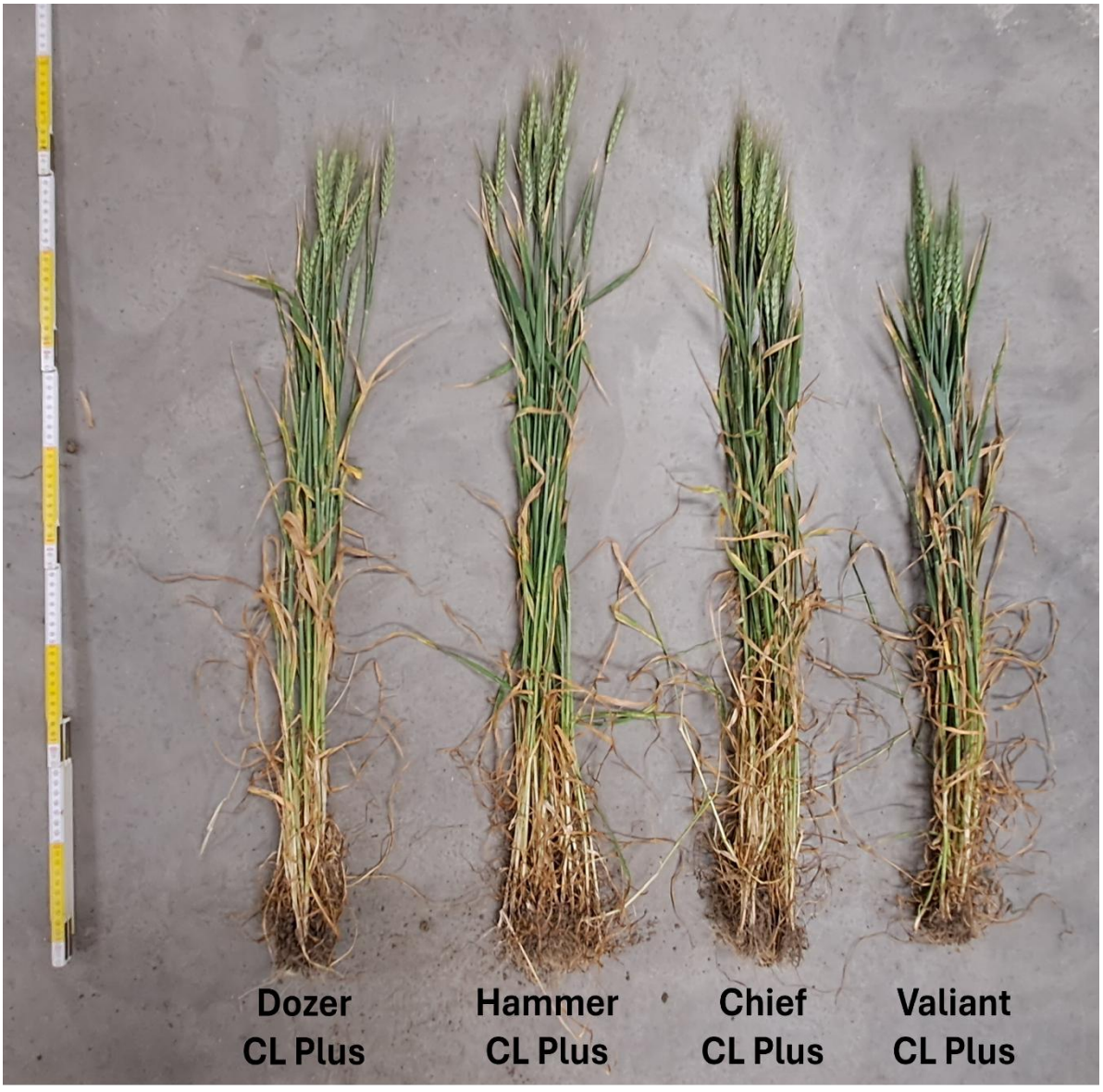
| | Plant/Organ Part: Context | 'Dozer' | 'Chief CL Plus' | 'Hammer CL Plus' | 'Valiant CL Plus' |
|---|---|---|---|---|---|

**Statistical Table**

| | Plant/Organ Part: Context | 'Dozer' | 'Chief CL Plus' | 'Hammer CL Plus' | 'Valiant CL Plus' |
|---|---|---|---|---|---|
| X | Ear : Awn Length (mm) | | | | |
| | Mean | 49.07 | 56.48 | 53.04 | 57.53 |
| | Std Deviation | 3.96 | 7.5 | 4.62 | 7.5 |
| | Lsd/sig | 5.57 | 0.05 | ns | 0.05 |
| | Means Separation | NA | 7.41 | 3.98 | 8.46 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA |
| X | Ear : Length (mm) | | | | |
| | Mean | 79.02 | 69.75 | 70.68 | 83.29 |
| | Std Deviation | 4.04 | 6.47 | 7.82 | 9.66 |
| | Lsd/sig | 6.55 | 0.05 | 0.05 | ns |
| | Means Separation | NA | -9.27 | -8.34 | 4.27 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA |
| | Ear : Density (mm) | | | | |
| | Mean | 0.11 | 0.11 | 0.11 | 0.1 |
| | Std Deviation | 0.01 | 0.01 | 0.01 | 0.01 |
| | Lsd/sig | 0.01 | ns | ns | 0.05 |
| | Means Separation | NA | 0 | 0 | -0.01 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA |
| X | Plant : Length (mm) | | | | |
| | Mean | 820 | 784 | 897 | 819 |
| | Std Deviation | 19.44 | 31.34 | 40.84 | 27.67 |
| | Lsd/sig | 27.68 | 0.05 | 0.01 | ns |

| | | | | | |
|---|---|---|---|---|---|
| | Means Separation Method Used | NA ANOVA | -36 ANOVA | 77 ANOVA | -1 ANOVA |

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




Dozer CL Plus and it's comparators

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/188 |
| **Variety Name** | 'KANAKA' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2023-09-28 |
| **Applicant** | Vilmorin-Mikado La Ménitré, France |
| **Agent** | Spruson & Ferguson, Sydney NSW |
| **Qualified Person** | Calixto Dilag |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Templestowe |
| **Descriptor** | TG/13/10 Rev. Lettuce |
| **Period** | Spring 2024 |
| **Conditions** | The trial was established in early spring and assessed at the end of October 2024. Drip irrigation, black fleece weed mats, and bird netting were utilised. |
| **Trial Design** | Side by side comparison. Two replicates of two generations of candidate variety and comparator were used. |
| **Measurements** | As per UPOV guidelines |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Self-pollination.

KANAKA was developed from a cross between two romaine parental varieties in summer 2015 in a greenhouse at Vilmorin NA's Spence Research Facility in Salinas, CA. The F1 seeds were grown in a greenhouse at the same facility during the fall and winter of 2015. Three F1 plants (15/900321/02, 15/900321/05, and 15/900321/06) were identified, allowed to self-pollinate, and F2 seeds were collected separately from each plant.

In March 2016, the F2 seeds were planted in a lettuce breeding trial in Paicines, CA. A total of 18 individual F2 plants were selected, all of which were allowed to self-pollinate, and F3 seeds were collected individually from each plant.

In September 2016, two F3 family lines were planted in Yuma, AZ, and a total of eight individual plants were selected. All eight plants were allowed to self-pollinate, and seeds were collected individually from each plant to obtain F4 seeds.

In spring 2017, the F4 lines were planted in a breeding trial in San Juan Bautista, CA. Ten individual plants were selected from one F4 family, and seeds were collected individually from each of these plants to obtain F5 seeds.

In April 2018, F5 line 17BS/0671/01 was planted as 18QR/0003 in San Joaquin, CA. All plants were harvested in bulk, and the resulting F6 seeds became KANAKA.

The main selection criteria used to develop the variety were Bremia resistance, bolting tolerance, tip-burn tolerance, plant size, weight, and leaf colour.

Breeder: Vilmorin NA

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | Number of divisions | Absent or very few |
| Leaf | Anthocyanin colouration | Absent |
| Seedlings | Anthocyanin colouration | Absent |

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

| Variety | Comment |
|---|---|
| **'Corbana'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'KANAKA' | 'Corbana' |
|---|---|---|---|
| | *Seedling - anthocyanin colouration | absent | absent |
| | Seedling - size of cotyledon | very small to small | very small to small |
| | Leaf blade - division | entire | entire |
| | *Plant - diameter | medium to large | medium to large |
| | *Plant - head formation | closed head | closed head |
| | Head - degree of overlapping of upper part of leaves (varieties with closed head formation only) | medium | medium |
| | Head - density | loose to medium | loose to medium |
| | Head - size | medium | medium to large |
| | *Head - shape in longitudinal section | narrow elliptic | narrow elliptic |
| | Leaf - thickness | thick | thick |
| | *Leaf - shape | narrow elliptic | narrow elliptic |
| | Leaf - shape of tip | rounded | rounded |
| | *Leaf - hue of green colour of outer leaves | absent | yellowish |
| **X** | *Leaf - intensity of colour of outer leaves | dark | medium |
| | *Leaf - anthocyanin colouration | absent | absent |
| | Leaf - glossiness of upper side | medium to strong | medium to strong |
| **X** | *Leaf - blistering | strong | medium |
| | Leaf - size of blisters | medium | medium to large |
| | *Leaf blade - degree of undulation of margin | weak to medium | weak to medium |
| | Leaf blade - venation | flabellate | flabellate |
| | Time of - harvest maturity | medium | medium |

**Prior Applications and Sales**

Nil

Description: **Calixto Dilag,** Lower Templestowe, VIC




Kanaka and Corbana

**Details of Application**

| | |
|---|---|
| **Application Number** | 2023/294 |
| **Variety Name** | 'Goldie' |
| **Genus Species** | *Avena sativa* |
| **Common Name** | Oats |
| **Accepted Date** | 2024-02-16 |
| **Applicant** | Minister for Primary Industries and Regional Development (Acting through SARDI) Urrbrae SA and Grains Research and Development Corporation Barton ACT |
| **Agent** | InterGrain Pty Ltd, Bibra Lake WA |
| **Qualified Person** | David Watson |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Plumpton Road<br>Horsham VIC |
| **Descriptor** | TG/20/11 Oats |
| **Period** | Late May 2024 to Early December 2024 |
| **Conditions** | A Comparative trial was sown into a fallowed paddock at Horsham in Winter into good moisture. Conditions were slightly below average during Winter with a warm to hot Spring. |
| **Trial Design** | Randomised block design with 2 replicates. Plots 1.25m wide and 6m long (5 rows and 250mm spacing). |
| **Measurements** | Measurements were taken from 10 specimens per plot, selected at random. One measurement per plant. Traits were recorded for every replicate at the appropriate growth stage. Statistical analyses were completed using "R" software. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

A controlled pollination cross was made in glasshouses at the Waite Institute, Adelaide, South Australia in the winter of 2013. This cross was between maternal parent 02095-09 and pollen parent Bannister. Resultant F1 seed was self pollinated F1:F2 generation in glasshouse, and then repeated F2:F3 and F3:F4 generations in field at Roseworthy, South Australia. Single pannicles were selected from the F3:F4 generation and grown as "head hills" in 2015, from which 13008-18 was identified as have acceptable plant ideotype for advancements. Field trials of 13008-18 were grown in field trials starting 2016, with the main selection targets being Grain yield and physical grain quality. Breeders: Dr. Pamela Zwer and Mrs. Sue Hoppo.South Australian Research and Development Institute, Urrbrae, SA.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Grain | Husk | Present |
| Plant | Growth Habit | Erect |

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

| Variety | Comment |
|---|---|
| **'Bannister'** | Time of Panicle emergence for candidate early and comparator medium |
| **'Kowari'** | Plant length for candidate medium and comparator very short |

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

| | Plant/Organ Part: Context | 'Goldie' | 'Kowari' | 'Kowari' |
|---|---|---|---|---|
| **X** | Glume - glaucosity | medium to strong | weak | weak |
| **X** | Plant - length | medium | medium | short |
| **X** | Panicle - time of emergence | early | medium to late | very early to early |
| | Primary grain - hairiness of base | absent or weak | medium | absent or weak |
| | Seasonal type - Context | spring type | spring type | spring type |
| | Primary grain - frequency of awns | absent or low | absent or low | absent or low |
| | Primary grain - hairiness of back of lemma | absent | present | absent |
| | Flag leaf - glaucosity of sheath | medium | absent or weak to medium | absent or weak |
| | Primary grain - length of basal hairs | short to medium | medium | medium |
| | Grain - husk | present | present | present |
| | Panicle - attitide of branches | semi-erect | semi-erect | semi-erect |
| | Primary grain - length of rachilla | medium | medium | medium |
| | Primary grain - glaucosty of lemma | medium | weak | weak |
| | Plant - frequency of plants with recurved flag leaves | high to very high | high to very high | high to very high |
| | Stem - hairiness of uppermost node | absent or very weak | absent or very weak | absent or very weak |
| | Lowest leaves - hairiness of sheaths | absent or weak | absent or weak | absent or weak |
| | Plant - growth habit | semi-erect | semi-erect to intermediate | |

**Statistical Table**

| | Plant/Organ Part: Context | 'Goldie' | 'Kowari' | 'Kowari' |
|---|---|---|---|---|
| | Glume : Length (mm) | | | |
| | Mean | 22 | 20.50 | 22.10 |
| | Std Deviation | 1.15 | 1.58 | 1.2 |
| | Lsd/sig | 1.09 | 0.05 | ns |
| | Means Separation | NA | -1.5 | 0.1 |
| | Method Used | ANOVA | ANOVA | ANOVA |

| | | | | |
|---|---|---|---|---|
| | Grain : Lemma length (mm) | | | |
| | Mean | 13.20 | 13.50 | 13.50 |
| | Std Deviation | 0.79 | 0.53 | 0.53 |
| | Lsd/sig | 0.56 | ns | ns |
| | Means Separation | NA | 0.3 | 0.5 |
| | Method Used | ANOVA | ANOVA | ANOVA |
| | Panicle : Length (mm) | | | |
| | Mean | 187 | 194 | 172 |
| | Std Deviation | 17.67 | 8.43 | 14.76 |
| | Lsd/sig | 11.99 | ns | ns |
| | Means Separation | NA | 7 | -15 |
| | Method Used | ANOVA | ANOVA | ANOVA |
| **X** | Plant : Length (mm) | | | |
| | Mean | 887 | 890 | 798 |
| | Std Deviation | 26.69 | 34.32 | 24.86 |
| | Lsd/sig | 24.87 | ns | 0.01 |
| | Means Separation | NA | 3 | -89 |
| | Method Used | ANOVA | ANOVA | ANOVA |

**Prior Applications and Sales**

**Nil**

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




Plant length difference between Goldie and its' comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2024/005 |
| **Variety Name** | 'Jumbuck' |
| **Genus Species** | *Triticum aestivum* |
| **Common Name** | common wheat |
| **Accepted Date** | 2024-02-14 |
| **Applicant** | Centro Internacional De Mejoramiento De Maiz Y Trigo (CIMMYT) |
| **Agent** | InterGrain Pty Ltd |
| **Qualified Person** | David Watson |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Horsham |
| **Descriptor** | TG/3/12 Wheat |
| **Period** | Late May 2024 to Early December 2024 |
| **Conditions** | A Comparative trial was sown into a fallowed paddock at Horsham in Winter into good moisture. Conditions were slightly below average during Winter with a warm to hot Spring. |
| **Trial Design** | Randomised block design with 2 replicates. Plots 1.25m wide and 6m long (5 rows and 250mm spacing) |
| **Measurements** | Measurements were taken from 10 specimens per plot, selected at random. One measurement per plant. Traits were recorded for every replicate at the appropriate growth stage. Statistical analyses were completed using "R" software. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

This was a simple cross between SW89.5277/BORL95//SKAUZ/3/PRL/2*PASTOR/4/HEILO and Kutz and the derived F1s advanced to field evaluation at Toluca as F2 bulks for yellow rust and other foliar disease resistance and the best plants with resistance and superior plant types at Obregon, resulting plants were bulked and advanced to Toluca cycle as F4 bulks for another round of selection in Toluca. Individual spikes from selected plants were threshed and after visual grain selection, selected plants advanced to F5 head-rows in Obregon. Head-rows at Obregon were selected again for leaf rust and superior agronomic features in the small plots. Selected plots were harvested as bulk and advanced to next Obregon cycle for stage 1 & 2 testing for yield potential and grain quality traits.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Ear | Shape in profile | Tapering |
| Ear | Colour at maturity | White |

| | | |
|---|---|---|
| Ear | Presence of awns | Present |
| Plant | Type | Spring Type |

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

| Variety | Comment |
|---|---|
| **'Borlaug 100'** | Matching all grouping characteristics |
| **'Coolah'** | Matching all grouping characteristics |
| **'Rockstar'** | Matching all grouping characteristics |
| **'Suncentral'** | Matching all grouping characteristics |

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

| | Plant/Organ Part: Context | 'Jumbuck' | 'Borlaug 100' | 'Coolah' | 'Rockstar' | 'Suncentral' |
|---|---|---|---|---|---|---|
| **X** | *Straw - pith in cross section | thin | medium | thin | thick or filled | medium |
| **X** | *Plant - length | medium to long | medium | long | medium | long |
| **X** | *Ear - length of scurs or awns | medium | medium | medium | short | medium |
| **X** | Ear - length | medium | medium | medium | short | long |
| **X** | *Ear - density | very lax to lax | lax to medium | lax to medium | medium | lax to medium |
| | Lower glume - shoulder shape | horizontal to slightly elevated | horizontal to slightly elevated | horizontal to slightly elevated | horizontal | slightly elevated |
| | *Time of - ear emergence | early to medium | medium | early to medium | medium | early to medium |
| | Seed - colour | white | white | white | white | white |
| | *Ear - glaucosity | weak to medium | weak to medium | weak | medium | very weak to weak |
| | *Seasonal - type | spring type | spring type | spring type | spring type | spring type |
| | Lower glume - area of hairiness on internal surface | very small | small | small | small | small |
| | Flag leaf - anthocyanin colouration of auricles | absent or weak | absent or weak | medium | absent or weak | absent or weak |
| | Lower glume - length of beak | short | short to medium | short | short to medium | long |
| | Ear - shape in profile | tapering | tapering | tapering | tapering | tapering |
| | *Ear - scurs or awns | awns present | awns present | awns present | awns present | awns present |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Apical rachis segment - area of hairiness on convex surface | large | medium | large | medium | medium |
| | Culm - glaucosity of neck | strong | medium | medium to strong | medium to strong | medium |
| | Plant - frequency of plants with recurved flag leaves | high to very high | high to very high | high to very high | low | high to very high |
| | *Lower glume - shape of beak | straight | slightly curved | slightly curved | slightly curved | slightly curved |
| | *Plant - growth habit | erect to semi erect | erect to semi erect | erect to semi erect | intermediate | erect |
| | *Flag leaf - glaucosity of sheath | strong | medium | medium to strong | medium | medium |
| | Lower glume - shoulder width | narrow | narrow | narrow | medium | very narrow to narrow |
| | *Ear - colour | white | white | white | white | white |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'Jumbuck' | 'Borlaug 100' | 'Coolah' | 'Rockstar' | 'Suncentral' |
|---|---|---|---|---|---|---|

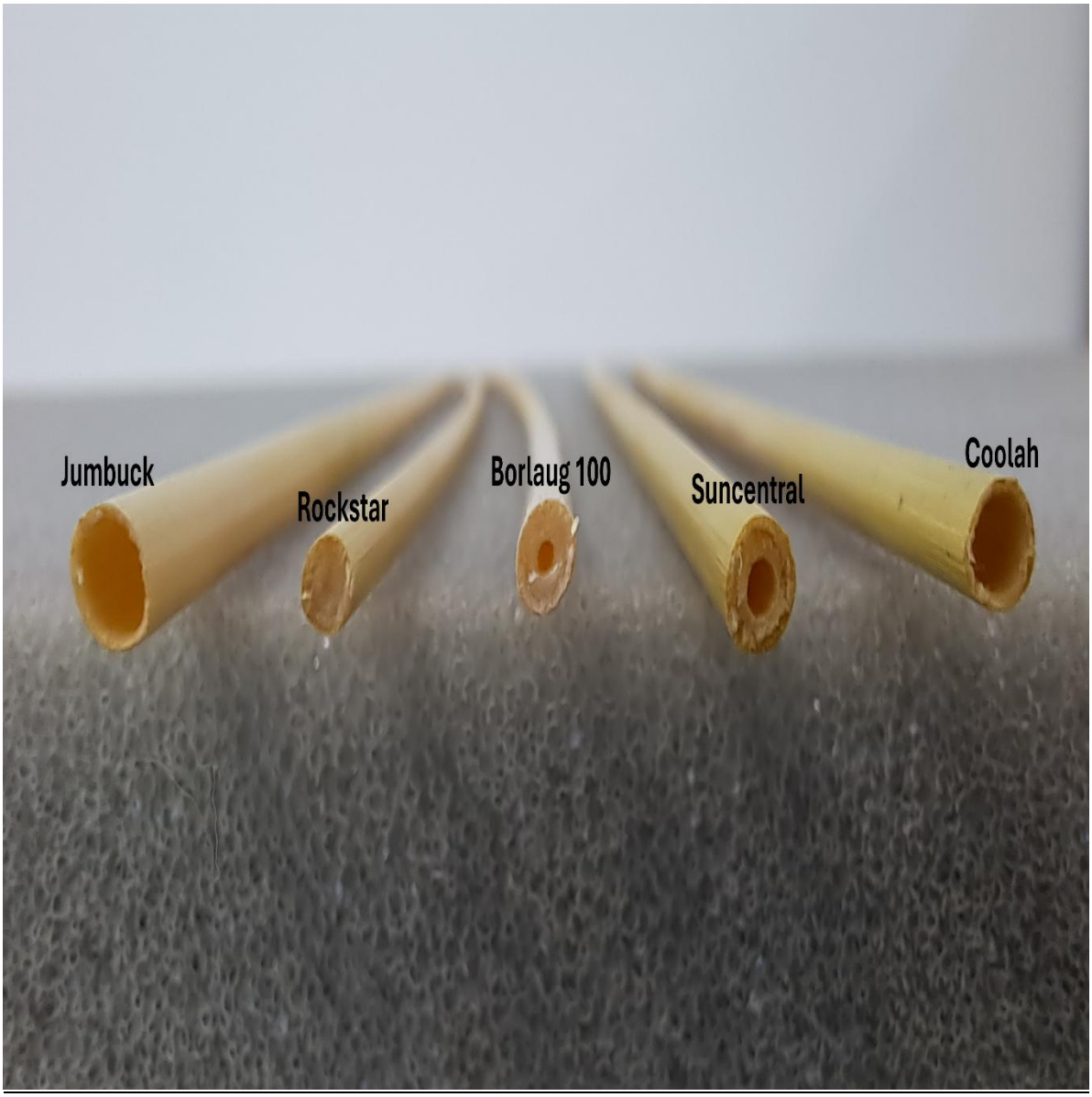
**Statistical Table**

| | Plant/Organ Part: Context | 'Jumbuck' | 'Borlaug 100' | 'Coolah' | 'Rockstar' | 'Suncentral' |
|---|---|---|---|---|---|---|
| X | Ear : Awn length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | 65.18<br>4.82<br>5.69<br>NA<br>ANOVA | 59.94<br>11.57<br>ns<br>-5.24<br>ANOVA | 65.31<br>4.89<br>ns<br>0.13<br>ANOVA | 51.99<br>3.53<br>0.01<br>-13.19<br>ANOVA | 69.28<br>4.2<br>ns<br>4.1<br>ANOVA |
| X | Ear : Length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation Method Used | 90.45<br>8.39<br>6.46<br>NA<br>ANOVA | 83.48<br>9.79<br>ns<br>-6.97<br>ANOVA | 90.30<br>6.37<br>ns<br>-0.15<br>ANOVA | 79.11<br>3.18<br>0.01<br>-11.34<br>ANOVA | 97.23<br>7.51<br>ns<br>6.77<br>ANOVA |
| X | Ear : Density (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | 0.09<br>0.01<br>0.01 | 0.1<br>0.01<br>0.05 | 0.1<br>0.01<br>0.05 | 0.1<br>0<br>0.01 | 0.1<br>0<br>0.05 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Means Separation Method Used | NA ANOVA | 0.01 ANOVA | 0.01 ANOVA | 0.01 ANOVA | 0.01 ANOVA |
| **X** | Plant : Length (mm) | | | | | |
| | Mean | 991 | 906 | 944 | 816 | 998 |
| | Std Deviation | 44.33 | 116.16 | 60.22 | 29.14 | 59.59 |
| | Lsd/sig | 58.85 | 0.05 | ns | 0.01 | ns |
| | Means Separation | NA | -85 | -47 | -175 | 7 |
| | Method Used | ANOVA | ANOVA | ANOVA | ANOVA | ANOVA |

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




Jumbuck and it's comparators: Straw pith cross section

**Details of Application**

| | |
|---|---|
| **Application Number** | 2024/014 |
| **Variety Name** | 'GREGORIO' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2024-03-08 |
| **Applicant** | Syngenta Crop Protection AG, Basel, Switzerland |
| **Agent** | Syngenta Australia Pty Ltd, Macquarie Park, NSW |
| **Qualified Person** | David Gillespie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Netherlands (the) |
| **Overseas Data Reference Number** | SLA4749 |
| **Location** | Naktuinbouw, the Nethherlands |
| **Descriptor** | TG/13/11 Rev. 4 Lettuce |
| **Period** | 2022 |
| **Conditions** | Not available |
| **Trial Design** | Not available |
| **Measurements** | As per national technical guideline TG/13/11 Rev. 4 Lettuce |
| **RHS Chart - edition** | Not available |

**Origin and Breeding**

Controlled pollination: F1 seed was sown in 2014 to confirm the cross by phenotype characteristics and by molecular markers. First observations were made in Agadir, Morocco. There were seven cycles of selection with the following criteria for selection: Bremia lactucae resistances that were fixed by molecular markers, bolting and tip-burn tolerance in hot climates, plant weight, thickness of leaves and leaf color. Off types were rare.
Breeder: Syngenta Crop Protection AG, Basel, Switzerland.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| leaf | anthocyanin coloration | very strong |
| plant | type | butterhead |
| plant | Time of begnning of bolting | very late |
| plant | resistance to Bremia lactucae isolate Bl:16EU | present |
| resistance to | resistance to Bremia lactucae isolate Bl:29EU | present |

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

| Variety | Comment |
|---|---|
| **'Seurat'** | Similar to the candidate variety in the above grouping characteristics |

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

| | Plant/Organ Part: Context | 'GREGORIO' | 'Seurat' |
|---|---|---|---|
| **X** | Seed - colour | white | black |
| **X** | Plant - diameter | small to medium | small |
| | Plant - degree of overlapping of upper part of leaves | absent or weak | |
| | Plant - number of leaves | many | |
| | Leaf - attitude | semi-erect to horizontal | |
| | Leaf - number of divisions | absent or very few | |
| | Leaf - shape | obovate | |
| | Leaf - shape of apex | rounded | |
| | Leaf - longitudinal section | flat to convex | |
| | Leaf - anthocyanin colouration | very strong | |
| | Leaf - thickness | thin | |
| | Leaf - undulation of margin | absent or very weak | |
| | Leaf - blistering | absent or very weak to weak | |
| | Leaf - size of blisters | very small to small | |
| | Time of beginning of bolting - Context | late to very late | |
| | Axillary sprouting - Context | absent or weak | |
| | Leaf - venation | not flabellate | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 30EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 31EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 33EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 35EU | present | |
| | Resistance to - Lettuce mosaic virus (LMV) Pathotype II | absent | |
| | Resistance to - Nasonovia ribisnigri (Nr) Biotype Nr: 0 | present | |
| | Resistance to - Fusarium oxysporum f.sp. lactucae (Fol) Race 1 | absent or low | |
| | Leaf - hue of anthocyanin colouration | purplish | |
| | Bolting stem - fasciation | medium to strong | |
| | Leaf - glossiness of upper side | weak to medium | |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'GREGORIO' | 'Seurat' |
|---|---|---|---|
| | resistance to : Bremia lactucae isolate Bl:17EU | present | |
| | resistance to : Bremia lactucae isolate Bl:20EU | present | |
| | resistance to : Bremia lactucae isolate Bl:21EU | present | |
| | resistance to : Bremia lactucae isolate Bl:22EU | present | |
| | resistance to : Bremia lactucae isolate Bl:23EU | present | |
| | resistance to : Bremia lactucae isolate Bl:24EU | present | |
| | resistance to : Bremia lactucae isolate Bl:25EU | present | |
| | resistance to : Bremia lactucae isolate Bl:26EU | present | |
| | resistance to : Bremia lactucae isolate Bl:27EU | present | |
| | resistance to : Bremia lactucae isolate Bl:29EU | present | |
| | resistance to : Bremia lactucae isolate Bl:36EU | present | |

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**Prior Applications and Sales**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| United States of America (the) | 2023 | Submitted | GREGORIO |
| European Union | 2022 | Granted | GREGORIO |
| Netherlands (the) | 2022 | Granted | GREGORIO |

First Sold as GREGORIO on 16 February 2023 in France.

**Description: David Gillespie,** Ormiston, QLD



Mature lettuce Gregorio

**Details of Application**

| | |
|---|---|
| **Application Number** | 2024/019 |
| **Variety Name** | 'AUSRAVELOE' |
| **Genus Species** | *Rosa* hybrid |
| **Common Name** | Rose |
| **Accepted Date** | 2024-12-09 |
| **Applicant** | David Austin Roses Limited, Wolverhampton, United Kingdom |
| **Agent** | Wagners Rose Nursery Pty Ltd, Kalangadoo, South Australia, Australia |
| **Qualified Person** | Christopher Prescott |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | 20 Koorine Road Kalangadoo SA. |
| **Descriptor** | TG/11/8 Rev. 2 Rose |
| **Period** | January 2026 to April 2026 |
| **Conditions** | The trial was set at a wholesale Nursery that specialises in garden rose plant varieties that are sold either as bare rooted plants or potted specimens, in Kalangadoo, South Australia. The plants were budded onto R. Multiflora rootstock that were planted in open rows in the soil. Fertilisation, watering and pest and disease management was conducted under a commercial nursery regime as required. Examination took place on 2nd year plants, on the first generation of growth after the Summer prune when the flowers were at full maturity. |
| **Trial Design** | Random block design that contained a minimum of 6 plants of each variety. |
| **Measurements** | Measurements were taken at random over all plants included in the trial. |
| **RHS Chart - edition** | 1995 |

**Origin and Breeding**

Controlled pollination: In 2011, at the nursery of David Austin Roses Limited, Bowling Green Lane, Albrighton, United Kingdom, Mr David Austin selected an unnamed seedling to be the mother and an unnamed seedling to be the father. The resulting seed was sown in January 2012, from which a number of seedlings grew. The best of these seedlings was then selected and from this plant, in July 2012, 8 buds were taken and grafted (using the 'T'-budding method) onto Rosa Laxa root-stock outdoors. The following year, in 2013, the variety was considered good enough to be increased by grafting to 30 plants, which were monitored for 2 years. In 2015, the increase was up to 200, and again for two years after that the roses were monitored for success. In 2017, it was once again selected and it was decided the variety was good enough to be increased to 1,000. In 2018 the variety was increased by further budding to 7,500, sufficient budding for a commercial introduction

in February 2019.
Breeder - David Austin Roses Limited, WOLVERHAMPTON, United Kingdom

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | type | double |
| Flower | number of petals | many |
| Flower | colour group | pink |
| Petal | number of colours on inner side (basal spot excluded) | one |
| Plant | growth type | shrub |

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

| Variety | Comment |
|---|---|
| **'AUSMIXTURE'** | Inclusion Comment: |
| **'AUSTULLIVER'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'AUSRAVELOE' | 'AUSMIXTURE' | 'AUSTULLIVER' |
|---|---|---|---|---|
| **X** | Terminal leaflet - shape of base of blade | rounded | cordate | rounded |
| **X** | Flower - density of petals | loose | dense | dense |
| **X** | Leaflet - undulation of margin | medium | medium | strong |
| **X** | Flowering shoot - number of flowering laterals | medium | few | few |
| **X** | Flowering shoot - number of flowers per lateral | few | very few | very few |
| | Plant - height (during second flush) | short to medium | short to medium | short to medium |
| **X** | Stem - number of prickles (excluding very small and hair-like prickles) | medium | few | few |
| **X** | Flower - diameter | medium | medium | small |
| **X** | Petal - shape | obovate | obcordate | obovate |
| | Flower - colour group | pink | pink | pink |
| **X** | Outer stamen - predominant colour of filament | medium yellow | light yellow | pink |
| | Prickles - dominant colour (as for 6) | reddish | reddish | reddish |
| | Flower - number of petals | many | many to very many | many to very many |

| | | | | |
|---|---|---|---|---|
| **X** | Terminal leaflet - shape of blade | medium elliptic | ovate | ovate |
| | Plant - growth type | shrub | shrub | shrub |
| **X** | Petal - colour of basal spot on inner side | light yellow | white | white |
| **X** | Flower - profile of upper part | flattened convex | flat | flat |
| **X** | Leaf - size | small to medium | medium to large | small to medium |
| **X** | Flower - profile of lower part | flat | flattened convex | flattened convex |
| | Petal - number of colours on inner side (basal spot excluded) | one | one | one |
| | Plant - growth habit | intermediate | semi upright to intermediate | semi upright to intermediate |
| **X** | Petals - reflexing of petals one-by-one | present | absent | present |
| **X** | Flower bud - shape in longitudinal section | medium ovate | broad ovate | broad ovate |
| | Petal - basal spot on inner side | present | present | present |
| | Flower - shape | round | round | round |
| | Seed vessel - size (at petal fall) | medium | medium | medium |
| | Young shoot - anthocyanin colouration | present | present | present |
| **X** | Petal - width | narrow | medium | medium |
| **X** | Leaf - glossiness of upper side | medium | weak | weak to medium |
| | Petal - intensity of colour (basal spot excluded) | lighter towards the base | lighter towards the base | lighter towards the base |
| | Petal - size | medium | medium | medium |
| **X** | Leaf - intensity of green colour (upper side) | medium | light | very light to light |
| | Flower - type | double | double | double |
| **X** | Petal - incisions | absent or very weak | absent or very weak | weak |
| **X** | Petal - size of basal spot on inner side | large | small | large |
| | Sepal - extensions | weak to medium | medium | medium |
| **X** | Petal - undulation | absent or very weak to weak | absent or very weak | weak |
| **X** | Young shoot - intensity of anthocyanin colouration | strong | strong | medium |
| | Flower - colour of centre | pink | pink | pink |
| **X** | Petal - reflexing of margin | absent or very weak | absent or very weak | weak |
| **X** | Hip - shape in longitudinal section | pitcher-shaped | pitcher-shaped | pear-shaped |
| | Terminal leaflet - shape of apex of blade | acute | acute | acute |
| | Flowering shoot - flowering laterals | present | present | present |

| | | | | |
|---|---|---|---|---|
| | Petal - length | medium | medium | medium |
| | Leaf - anthocyanin colouration | present | present | present |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'AUSRAVELOE' | 'AUSMIXTURE' | 'AUSTULLIVER' |
|---|---|---|---|---|
| **X** | Flower : fragrance | medium | weak to medium | very weak to weak |

**Prior Applications and Sales:**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| European Union | 2020 | Granted | 'Ausraveloe' |
| United Kingdom | 2020 | Granted | 'Ausraveloe' |
| United States of America | 2020 | Granted | 'Ausraveloe' |
| Japan | 2021 | Granted | 'Ausraveloe' |
| China | 2021 | Granted | 'Ausraveloe' |
| Republic of Korea | 2021 | Granted | 'Ausraveloe' |
| Serbia | 2022 | Granted | 'Ausraveloe' |
| Canada | 2023 | In Progress | 'Ausraveloe' |

First Sold as Ausraveloe on 13 January 2020 in United Kingdom of Great Britain and Northern Ireland (the).

**Description: Christopher Prescott,** Mount Eliza, VIC




Rosa hybrid - 'Ausraveloe' (left) with its comparator varieties 'Ausmixture' (middle) and 'Austulliver' (right), shows the difference in flower diameter.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2024/026 |
| **Variety Name** | 'P100409' |
| **Genus Species** | *Plectranthus hilliardiae x P. saccatus* |
| **Common Name** | Spur-flower |
| **Accepted Date** | 2024-05-10 |
| **Applicant** | The PJ Allderman Trust, South Africa |
| **Agent** | PLANTS MANAGEMENT AUSTRALIA PTY. LTD., Dodges Ferry, TAS |
| **Qualified Person** | Jordan Smark |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Wonga Park 3115, VIC |
| **Descriptor** | TG/315/1 Plectranthus |
| **Period** | December 2024 - March 2026 |
| **Conditions** | Trial conducted in the open, plants propagated as cuttings December 2024, and transferred to 140mm pots in February 2025. Pots were filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required. |
| **Trial Design** | Fifteen pots of each variety in a completely randomised design. |
| **Measurements** | From ten plants randomly selected |
| **RHS Chart - edition** | Fifth Edition |

**Origin and Breeding**

Cross pollination: Seed was sown and raised to maturity in December 2013. At this time a selection was made based upon the characteristics white corolla colour, early flowering, large Inflorescence size, and very vigorous. Cuttings were taken and grown out to assess growth.
All subsequent generations have proved to be uniform and stable.

Breeder: Dr Gert Brits, Onder Papegaaiberg, South Africa.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Corolla | colour | white |
| Flowering branch | anthocyanin colouration | absent or very weak |
| Leaf blade | presence of anthocyanin colouration of lower side | present |
| Leaf blade | pubescence | absent or very sparse |
| Leaf blade | variegation | absent |

| | | |
|---|---|---|
| Leaf blade | intensity of green colour of upper side | light |
| Leaf blade | length | medium |
| Leaf blade | type of incisions of margin | dentate |
| Leaf blade | shape of apex | acute |
| Leaf blade | anthocyanin colouration of upper side | absent |
| upper corolla lobe | main colour of outer side | white |

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

| Variety | Comment |
|---|---|
| **'Cape Angels 'White''** | Click or tap here to enter text. |
| **'Velvet Idol'** | Corolla colour - grouping characteristic: white, 'Velvet Idol': pale blue (thus was not included in trial). |

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

| | Plant/Organ Part: Context | 'P100409' | 'Cape Angels 'White'' |
|---|---|---|---|
| | Leaf blade - length | medium | medium |
| | Flowering branch - anthocyanin colouration | absent or very weak | absent or very weak |
| | Leaf blade - pubescence | absent or very sparse | absent or very sparse |
| | Lower corolla lobe - main colour of outer side | white | white |
| | Leaf blade - width | medium to broad | medium |
| **X** | Corolla - height | high | medium |
| | Leaf blade - intensity of green colour of upper side | light | light |
| | Leaf blade - distribution of anthocyanin colouration of lower side | throughout | throughout |
| | Plant - height | medium | medium to tall |
| | Corolla tube - length | medium | medium to long |
| **X** | Leaf blade - shape of base | rounded | obtuse |
| | Plant - growth habit | upright | upright to semi-upright |
| | Leaf blade - variegation | absent | absent |
| | Flower - main colour | white | white |
| | Leaf blade - shape of apex | acute | acute |
| | Flowering branch - density of flowers | sparse to medium | medium |
| **X** | Leaf blade - position of broadest part | moderately towards base | at middle |

| | | | |
|---|---|---|---|
| | Leaf blade - type of incisions of margin | dentate | dentate |
| | Petiole - length | short | medium |
| **X** | Flowering - time of beginning | late | early to medium |
| | Corolla tube - height | high to very high | high |
| | Corolla - length | long | long |

**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'P100409'** | **'Cape Angels 'White''** |
|---|---|---|---|
| | Corolla tube : Colour of outer side | white | white |
| **X** | Flowering branch : pubescence of stem | sparse | absent |
| | Leaf blade : presence of anthocyanin colouration of lower side | present | present |
| | Leaf blade : anthocyanin colouration of lower side | weak | very weak to weak |
| | Leaf blade : anthocyanin colouration of upper side | absent | absent |
| | Leaf blade : depth of incision of margins | deep | medium |
| | Upper corolla lobe : Colour of outer side | white | white |
| | Upper corolla lobe : main colour of inner side | white | white |

First Sold in Australia as Plectranthus Mona 'White' on 03 February 2023.

**Description: Jordan Smark,** Wonga Park, VIC



P100409 (left), Cape Angels White (right)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2024/157 |
| **Variety Name** | 'IB 109-1' |
| **Genus Species** | *Fuchsia hybrida* |
| **Common Name** | Fuchsia |
| **Accepted Date** | 2024-08-02 |
| **Applicant** | PLANT GROWERS AUSTRALIA PTY. LTD., Wonga Park, Victoria |
| **Agent** | |
| **Qualified Person** | Jordan Smark |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Wonga Park 3115, VIC |
| **Descriptor** | CPVO-TP/FUCHSIA/1 Fuchsia |
| **Period** | February 2025 - March 2026 |
| **Conditions** | Trial conducted in the open, plants propagated as cuttings February 2025, and transferred to 140mm pots in March 2025. Pots were filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required. |
| **Trial Design** | Fifteen pots of each variety in a completely randomised design. |
| **Measurements** | From ten plants randomly selected |
| **RHS Chart - edition** | Fifth Edition |

**Origin and Breeding**

Cross pollination occurred with the maternal parent Sundancer selection and paternal parent Fuchsia glazaviana in March 2020 as part of an ongoing breeding program to produce a selection with Red sepals, purple petal colour, upright plant habit, medium to tall plant height, and single petal type. Seedlings were raised in February 2021 and grown to flowering maturity in spring 2021. At this time several candidates based on the breeding criteria above were selected. These initial selections were grown on for a further 12 months, trialling production performance. In November 2022 a final selection was made based on whom best expressed the breeding criteria. All subsequent generations have remained uniform and stable.

Breeder - PLANT GROWERS AUSTRALIA PTY. LTD., Wonga Park, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | type | single |

| | | |
|---|---|---|
| Flower | attitude | drooping |
| Flower bud | shape (excluding hypanthium) | ellipsoid |
| Leaf blade | variegation | absent |
| Petal | shape | obovate |
| Petal | colour | purple |
| Plant | attitude of shoots | erect to semi-erect |
| Plant | density | dense |
| Sepal | colour | pinkish red |
| Stem | anthocyanin colouration | present |
| Time of | beginning of flowering | early |

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

| Variety | Comment |
|---|---|
| **'IB 102-1'** | Inclusion Comment: |
| **'Sundancer'** | Inclusion Comment: |

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

| | Plant/Organ Part: Context | 'IB 109-1' | 'IB 102-1' | 'Sundancer' |
|---|---|---|---|---|
| | Time of - beginning of flowering | early | early | early |
| | Flower - type | single | single | single |
| **X** | Leaf blade - width | broad | narrow | medium |
| | Leaf blade - length | medium to long | medium | long |
| **X** | Leaf blade - colour of upper side | dark green to very dark green | medium green to dark green | medium green |
| | Style - colour | red | red | red |
| | Stem - anthocyanin colouration | present | present | present |
| | Stem - intensity of anthocyanin colouration | weak to medium | weak | medium |
| **X** | Sepal - attitude | erect to semi-erect | erect to semi-erect | semi-erect to horizontal |
| | Leaf blade - variegation | absent | absent | absent |
| | Plant - attitude of shoots | erect to semi-erect | erect to semi-erect | erect to semi-erect |
| | Filament - colour | red | red | red |
| **X** | Sepal - attitude of cusp | strongly incurving to incurving | strongly incurving | incurving to straight |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'IB 109-1' | 'IB 102-1' | 'Sundancer' |
|---|---|---|---|---|
| | Flower : attitude | drooping | drooping | drooping |
| X | Flower bud : width | medium to broad | narrow | medium |
| | Flower bud : shape (excluding hypanthium) | ellipsoid | ellipsoid | ellipsoid |
| X | Flower bud : hypanthium shape | globose | oblong | globose |
| | Flowers : size | large | medium to large | medium to large |
| X | Leaf blade : shape | ovate | lanceolate | lanceolate |
| | Petal : shape | obovate | obovate | obovate |
| | Petal : colour | purple | purple | purple |
| X | Plant : height | medium to tall | short to medium | medium |
| | Plant : density | dense | dense | dense |
| | Sepal : colour | pinkish red | pinkish red | pinkish red |
| X | Sepal : presence of white on sepal tip | present | mostly absent | mostly absent |

First Sold in Australia as IB 109-1 on 20 July 2023.

**Description: Jordan Smark,** Wonga Park, VIC



IB 109-1 (left), Sundancer (middle), IB 102-1 (Right)

**Details of Application**

| | |
|---|---|
| Application Number | 2024/196 |
| Variety Name | 'Ridley0304' |
| Genus Species | *Vaccinium* |
| Common Name | Southern Highbush Blueberry |
| Accepted Date | 29-Aug-2024 |
| Applicant | Mountain Blue Orchards Pty. Ltd, Lindendale, NSW. |
| Qualified Person | Tom Gunther |

**Details of Comparative Trial**

| | |
|---|---|
| Location | Hootons Rd, Tabulam, NSW, 2469. |
| Descriptor | TG/137/5 Rev. Blueberry |
| Period | 2024 |
| Conditions | Trial conducted in standard commercial field production conditions. The climate zone using ABCB mapping is zone 6 – mild temperate. Plants propagated from cuttings, planted into field from 125mm pots. Examination conducted in September 2024. In 2024 mild winter conditions delayed commercial harvest at the trial site across all varieties by approximately 2 months |
| Trial Design | 5 plants per variety randomly blocked in standard commercial beds |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruits randomly picked and measurements taken from 10 of this fruit at random. Leaf observations from fifth leaf from tip of each branch. |
| RHS Chart - edition | 6th edition, 2015 |

**Origin and Breeding**

Controlled pollination: The new *Vaccinium* hybrid cultivar is a selection resulting from seedlings produced in a breeding programme of Vaccinium at Lindendale, NSW, Australia in 2017 from the controlled pollination of seed parent ‘Ridley 1105' with pollen parent ‘Ridley 1602’. The new cultivar was discovered and selected as a single plant within a population of 100 resulting Vaccinium hybrid plants from this controlled pollination in 2020 in a commercial field plantation environment at Atherton, Queensland Australia. The new blueberry cultivar was designated ‘A20-03-04’ and has been planted in replicated trials since 2021 at commercial farms at Tabulam, New South Wales, Australia. Selection criteria include large fruit size; excellent waxy bloom on fruit; sweet flavour; vigorous growth; very early timing of fruiting in trials at low latitude. Variety named Ridley0304. Breeder: Mountain Blue Orchards Pty. Ltd, Lindendale, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | growth habit | semi-upright |
| Plant | fruiting type | on one year old and current season’s shoots |
| Fruit | cluster density | medium |

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

| Name | Comments |
|---|---|
| 'Ridley 4507' | |

**Varieties of Common Knowledge identified above and subsequently excluded**

| Variety | Distinguishing Characteristic Organ/Plant Part Context | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Ridley 1212' | Fruit | firmness | medium | firm | |

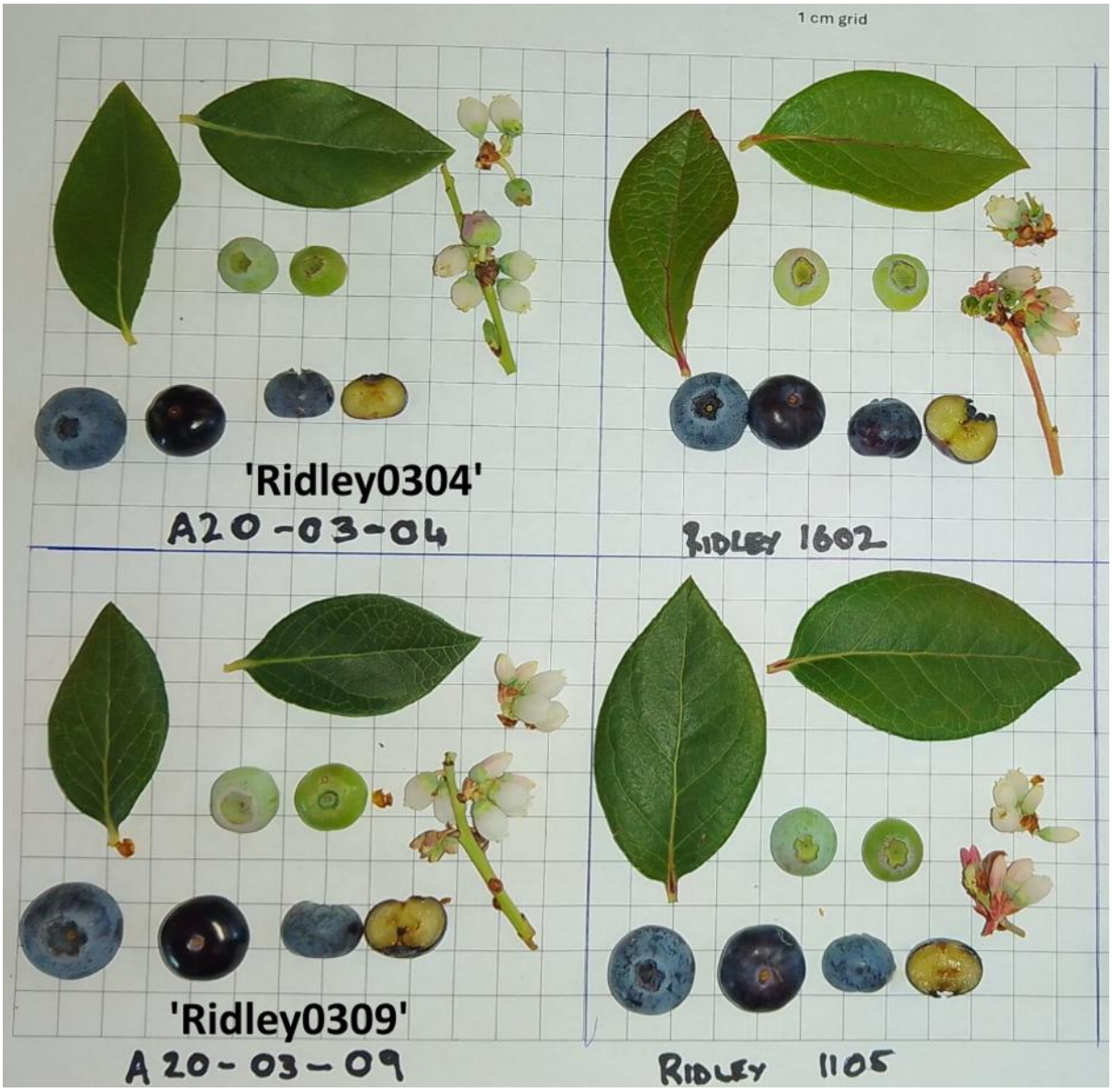
**Variety Description and Distinctness** - Characteristics which distinguish the candidate from one or more of the comparators are marked with X

| Organ/Plant Part: Context | 'Ridley0304' | 'Ridley 4507' |
|---|---|---|
| ☒ Plant: vigour | strong | medium |
| ☐ Plant: growth habit | semi-upright | semi-upright |
| ☐ One-year-old shoot: colour | greenish red | greenish red |
| ☐ One-year-old shoot: length of internode | short to medium | medium |
| ☐ Leaf: length | medium | medium |
| ☐ Leaf: width | medium | medium |
| ☐ Leaf: ratio length/width | medium | medium |
| ☐ Leaf: shape | elliptic | elliptic |
| ☐ Leaf: colour of upper side | medium green | dark green |
| ☐ Leaf: margin | entire | entire |
| ☐ Leaf: glaucosity on upper side | absent or weak | absent or weak |
| ☒ Flower bud: anthocyanin colouration | weak | absent or very weak |
| ☒ Inflorescence: length | short | medium |
| ☒ Flower: shape of corolla | globose | urceolate |
| ☐ Flower: size of corolla tube | small to medium | medium |
| ☐ Flower: colour of corolla tube | white | white |
| ☐ Flower: anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak |
| ☐ Flower: conspicuousness of ridges on corolla tube | medium | medium |
| ☐ Flower: colour of receptacle | green | green |
| ☐ Infructescence: density | medium | medium |
| ☐ Unripe fruit: intensity of green colour | light | light |
| ☐ Fruit: size | large | medium to large |
| ☐ Fruit: shape in longitudinal section | oblate | oblate |
| ☐ Fruit: attitude of sepals | straight | straight |
| ☐ Fruit: diameter of calyx basin | medium | medium |
| ☐ Fruit: depth of calyx basin | deep | deep |
| ☐ Fruit: intensity of bloom | strong | strong |

| Organ/Plant Part: Context | 'Ridley0304' | 'Ridley 4507' |
|---|---|---|
| ☐ Fruit: colour of skin | dark blue | dark blue |
| ☒ Fruit: firmness | medium | firm |
| ☐ Fruit: sweetness | high | medium to high |
| ☒ Fruit: acidity | medium | low |
| ☐ Plant: fruiting type | on one-year-old and current shoots | on one-year-old and current shoots |
| ☐ Plant: time of beginning of vegetative growth | medium | medium to late |
| ☐ One-year-old shoot: time of beginning of flowering | very early to early | early |
| ☐ Current season's shoot: time of beginning of flowering | very early | very early to early |
| ☐ One-year-old shoot: time of beginning of fruit ripening | very early to early | early |
| ☐ Current season's shoot: time of beginning of fruit ripening | very early | very early to early |

**Prior Applications and Sales**
Nil

Descriptor: **Tom Gunther**, South Lismore, NSW.




Southern Highbush Blueberry (*Vaccinium*) variety 'Ridley0304' and its comparators.

**Details of Application**

| | |
|---|---|
| Application Number | 2024/197 |
| Variety Name | 'Ridley0309' |
| Genus Species | *Vaccinium* |
| Common Name | Southern Highbush Blueberry |
| Accepted Date | 29-Aug-2024 |
| Applicant | Mountain Blue Orchards Pty. Ltd, Lindendale, NSW. |
| Qualified Person | Tom Gunther |

**Details of Comparative Trial**

| | |
|---|---|
| Location | Hootons Rd, Tabulam, NSW, 2469. |
| Descriptor | TG/137/5 Rev. Blueberry |
| Period | 2024 |
| Conditions | Trial conducted in standard commercial field production conditions. The climate zone using ABCB mapping is zone 6 – mild temperate. Plants propagated from cuttings, planted into field from 125mm pots. Examination conducted in September 2024. In 2024 mild winter conditions delayed commercial harvest at the trial site across all varieties by approximately 2 months |
| Trial Design | 5 plants per variety randomly blocked in standard commercial beds |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruits randomly picked and measurements taken from 10 of this fruit at random. Leaf observations from fifth leaf from tip of each branch. |
| RHS Chart - edition | 6th edition, 2015 |

**Origin and Breeding**

Controlled pollination: The new Vaccinium hybrid cultivar is a selection resulting from seedlings produced in a breeding programme of Vaccinium at lindendale, NSW, Australia in 2017 from the controlled pollination of seed parent ‘Ridley 1105' with pollen parent ‘Ridley 1602’. The new cultivar was discovered and selected as a single plant within a population of 100 resulting Vaccinium hybrid plants from this controlled pollination in 2020 in a commercial field plantation environment at Atherton, Queensland Australia. The new blueberry cultivar was designated ‘A20-03-09’ and has been planted in replicated trials since 2021 at commercial farms at Tabulam, New South Wales, Australia. Selection criteria include large fruit size; excellent waxy bloom on fruit; firm fruit; sweet flavour; vigorous growth; very early timing of fruiting in trials at low latitude. Variety named Ridley0309. Breeder: Mountain Blue Orchards Pty. Ltd, Lindendale, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | vigour | strong |
| Plant | growth habit | semi-upright |
| Fruit | cluster density | medium |

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

| Name | Comments |
|---|---|
| 'Ridley 1602' | |

**Varieties of Common Knowledge identified above and subsequently excluded**

| Variety | Distinguishing Characteristic Organ/Plant Part Context | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Ridley 1212' | Fruit | firmness | medium | firm | |
| Ridley 4507 | Fruit | firmness | medium | firm | |

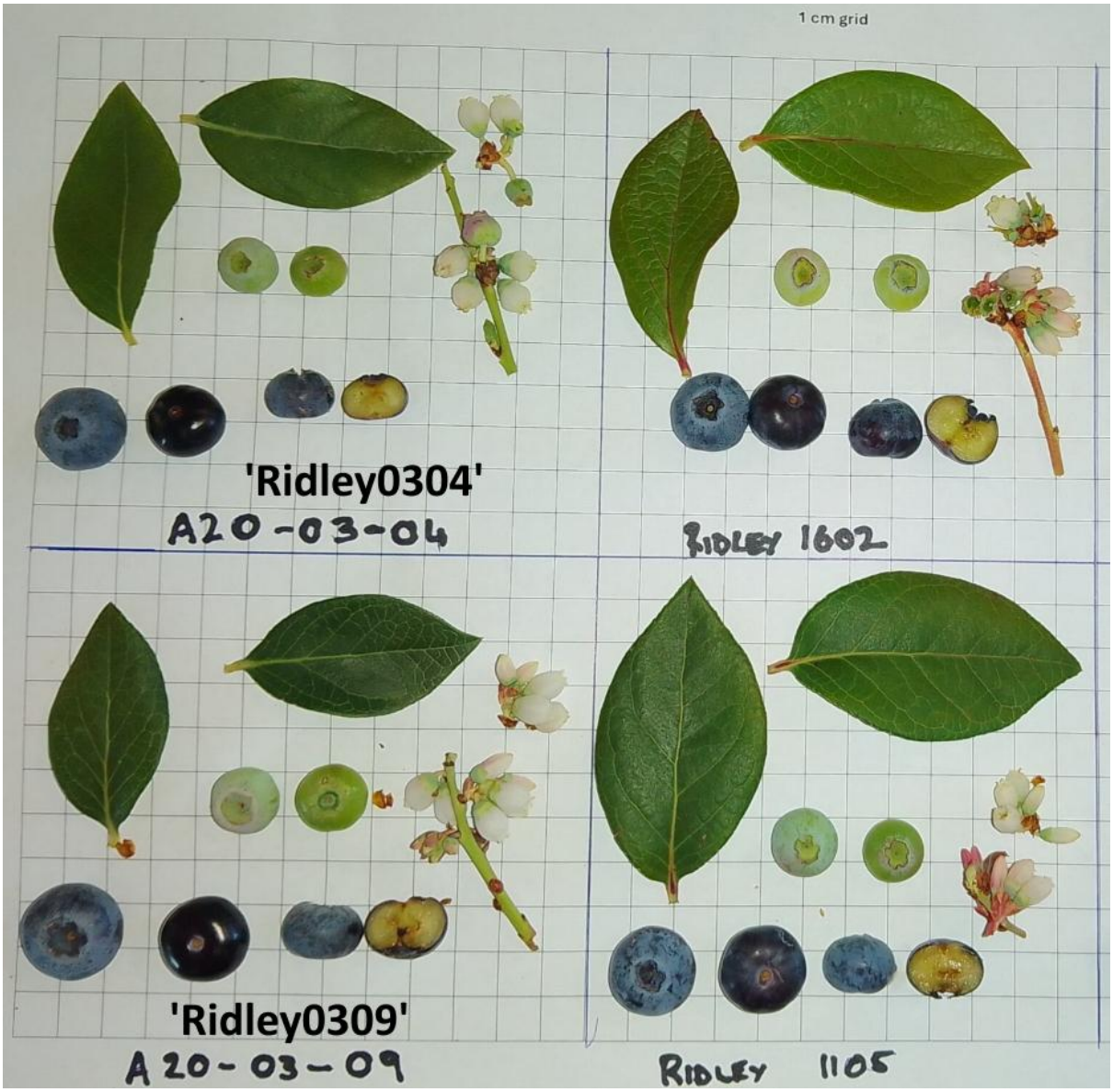
**Variety Description and Distinctness** - Characteristics which distinguish the candidate from one or more of the comparators are marked with X

| Organ/Plant Part: Context | 'Ridley0309' | 'Ridley 1602' |
|---|---|---|
| ☐ Plant: vigour | strong | strong |
| ☐ Plant: growth habit | semi-upright | semi-upright |
| ☐ One-year-old shoot: colour | greenish red | greenish red |
| ☐ One-year-old shoot: length of internode | short to medium | medium |
| ☒ Leaf: length | medium | long to very long |
| ☐ Leaf: width | medium | medium to broad |
| ☐ Leaf: ratio length/width | medium | medium |
| ☐ Leaf: shape | elliptic | elliptic |
| ☐ Leaf: colour of upper side | dark green | green |
| ☐ Leaf: margin | entire | entire |
| ☐ Leaf: glaucosity on upper side | absent or weak | absent or weak |
| ☐ Flower bud: anthocyanin colouration | weak | weak |
| ☐ Inflorescence: length | medium | medium |
| ☐ Flower: shape of corolla | urceolate | urceolate |
| ☐ Flower: size of corolla tube | medium | medium |
| ☐ Flower: colour of corolla tube | white | white |
| ☐ Flower: anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak |
| ☐ Flower: conspicuousness of ridges on corolla tube | medium | medium |
| ☐ Flower: colour of receptacle | green | green |
| ☐ Infructescence: density | medium | medium |
| ☐ Unripe fruit: intensity of green colour | light | light |
| ☐ Fruit: size | large | large |
| ☐ Fruit: shape in longditudinal section | oblate | oblate |
| ☒ Fruit: attitude of sepals | straight | erect |
| ☐ Fruit: diameter of calyx basin | large | large |
| ☐ Fruit: depth of calyx basin | deep | deep |

| Organ/Plant Part: Context | 'Ridley0309' | 'Ridley 1602' |
|---|---|---|
| ☐ Fruit: intensity of bloom | strong | strong |
| ☐ Fruit: colour of skin | dark blue | dark blue |
| ☒ Fruit: firmness | firm | very firm |
| ☐ Fruit: sweetness | high | high |
| ☐ Fruit: acidity | medium | low to medium |
| ☐ Plant: fruiting type | on one-year-old and current shoots | on one-year-old and current shoots |
| ☒ Plant: time of beginning of vegetative growth | medium | early |
| ☐ One-year-old shoot: time of beginning of flowering | very early to early | early |
| ☐ Current season's shoot: time of beginning of flowering | very early | very early to early |
| ☐ One-year-old shoot: time of beginning of fruit ripening | very early to early | early |
| ☐ Current season's shoot: time of beginning of fruit ripening | very early | very early to early |

**Prior Applications and Sales**
Nil

Descriptor: **Tom Gunther**, South Lismore, NSW.




Southern Highbush Blueberry (*Vaccinium)* variety 'Ridley0309' and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/001 |
| **Variety Name** | 'Sicala 320B3XF' |
| **Genus Species** | *Gossypium hirsutum* |
| **Common Name** | Cotton |
| **Accepted Date** | 14-Feb-2025 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT & Cotton Seed Distributors LTD. Wee Waa, NSW. |
| **Qualified Person** | Warwick Stiller |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Australian Cotton Research Institute, Narrabri, NSW |
| **Descriptor** | Cotton (*Gossypium*) TG/88/7 |
| **Period** | 2024/25 Summer |
| **Conditions** | Field grown irrigated trial with conventional management. |
| **Trial Design** | 18 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| **Measurements** | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 Instrument. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: seed parent line '16541F1' x pollen parent line '16538F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line '16541F1' and the pollen parent line '16538F1' is distinguished from 'Sicala 320B3XF' by the segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to Bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Dr Shiming Liu, CSIRO, Narrabri NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | habit | Erect |
| Boll | shape in longitudinal section | Ovate |
| Flower | colour of petals | Cream |
| Leaf | nectaries | Present |
| Leaf | shape | Palmate |
| Plant | Cry1Ac protein expression | Present |

| | | |
|---|---|---|
| Plant | Cry2Ab protein expression | Present |
| Plant | Vip3A protein expression | Present |
| Plant | CP4 protein expression | Present |
| Plant | DMO protein expression | Present |
| Plant | Bacterial blight resistance | Present |

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

| Name | Comments |
|---|---|
| 'Sicot 619B3XF' | Commercial B3XF |
| 'Sicot 743B3XF' | Commercial B3XF |
| 'Sicot 761B3XF' | Commercial B3XF |

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

| Organ/Plant Part: Context | 'Sicala 320B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: type of flowering | semi-clustered | semi-clustered | semi-clustered | semi-clustered |
| ☐ Flower: colour of petal | whitish | whitish | whitish | whitish |
| ☐ Petal: spot | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| ☐ Flower: colour of pollen | whitish | whitish | whitish | whitish |
| ☐ Flower: position of stigma relative to anthers | clearly above | clearly above | clearly above | clearly above |
| ☐ Leaf: shape | palmate | palmate | palmate | palmate |
| ☒ Leaf: pubescence | weak to medium | weak | absent or very weak to weak | absent or very weak to weak |
| ☐ Leaf: presence of nectaries | present | present | present | present |
| ☐ Boll: shape in longditudinal section | ovate | ovate | ovate | ovate |
| ☐ Boll: pitting of surface | fine | fine | fine | fine |
| ☒ Boll: length of peduncle | long | long | medium to long | medium |
| ☐ Plant: shape | conical | conical | conical | conical |
| ☒ Plant: height | medium to tall | medium to tall | medium to tall | medium |
| ☐ Boll: time of opening | medium to late | medium to late | medium to late | medium to late |
| ☐ Boll: content of lint | high | medium to high | high | high |

| | | | | |
|---|---|---|---|---|
| ☒ Fiber: length | long to very long | long | medium to long | long |
| ☒ Fiber: strength | strong | strong | medium to strong | strong |
| ☐ Fiber: elongation | medium to large | medium to large | medium | medium to large |
| ☐ Fiber: fineness | fine to medium | fine to medium | fine to medium | fine to medium |
| ☐ Fiber: colour | white | white | white | white |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Sicala 320B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: Cotton Bunchy Top | susceptible | susceptible | susceptible | resistant |
| ☐ Plant: Vip3A protein expression | present | present | present | present |
| ☐ Plant: Bacterial Blight | resistant | resistant | resistant | resistant |
| ☐ Plant: Verticillium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Fusarium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Cry1Ac protein expression | present | present | present | present |
| ☐ Plant: Cry2Ab protein expression | present | present | present | present |
| ☐ Plant: habit | erect | erect | erect | erect |
| ☐ Plant: CP4 protein expression | present | present | present | present |
| ☐ Plant: DMO protein expression | present | present | present | present |

**Statistical Table**

| Organ/Plant Part: Context | 'Sicala 320B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: distance to first fruiting branch (cm) | | | | |
| Mean | 23.91 | 23.27 | 23.30 | 18.10 |
| Std. Deviation | 5.61 | 3.98 | 5.72 | 5.39 |
| Lsd/sig | 1.72 | ns | ns | P≤0.01 |
| ☐ Plant: nodes to first fruiting branch | | | | |
| Mean | 7.70 | 7.92 | 8.20 | 6.93 |
| Std. Deviation | 1.05 | 0.98 | 0.74 | 0.86 |
| Lsd/sig | 0.34 | ns | P≤0.01 | P≤0.01 |
| ☒ Plant: number of nodes | | | | |
| Mean | 20.73 | 21.62 | 22.14 | 20.87 |

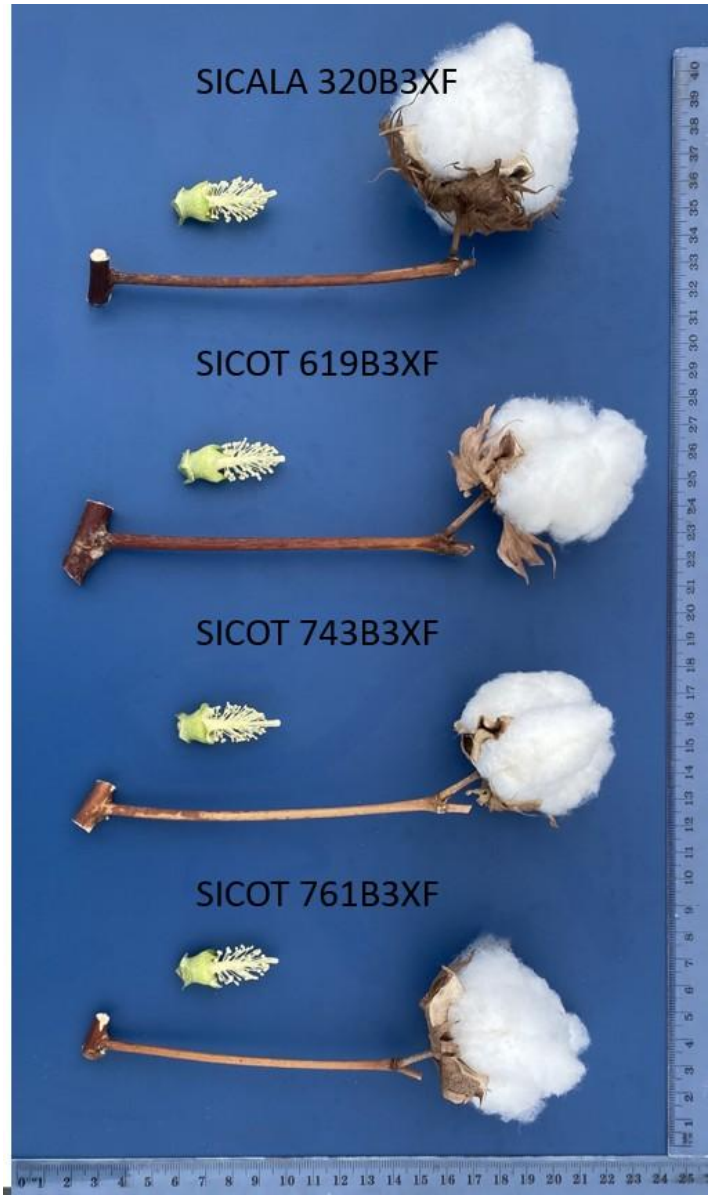
| | | | | |
|---|---|---|---|---|
| Std. Deviation | 1.36 | 1.51 | 1.12 | 1.40 |
| Lsd/sig | 0.44 | P≤0.01 | P≤0.01 | ns |
| ☒ Plant: height (cm) | | | | |
| Mean | 96.16 | 94.52 | 97.43 | 88.68 |
| Std. Deviation | 6.52 | 5.50 | 5.51 | 7.12 |
| Lsd/sig | 2.11 | ns | ns | P≤0.01 |
| ☒ Leaf: pubescence | | | | |
| Mean | 234.74 | 194.57 | 97.18 | 57.06 |
| Std. Deviation | 48.52 | 63.93 | 22.19 | 16.39 |
| Lsd/sig | 13.09 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Fruiting branch: first internode length (mm) | | | | |
| Mean | 120.51 | 121.20 | 119.88 | 105.41 |
| Std. Deviation | 19.95 | 19.08 | 14.92 | 20.34 |
| Lsd/sig | 6.25 | ns | ns | P≤0.01 |
| ☒ Boll: peduncle length (mm) | | | | |
| Mean | 31.73 | 34.00 | 29.75 | 26.72 |
| Std. Deviation | 4.73 | 4.70 | 5.00 | 4.43 |
| Lsd/sig | 1.66 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Stigma: distance above stamens (mm) | | | | |
| Mean | 3.27 | 2.06 | 5.03 | 3.20 |
| Std. Deviation | 1.08 | 1.05 | 1.00 | 0.77 |
| Lsd/sig | 0.33 | P≤0.01 | P≤0.01 | ns |
| ☐ Boll: lint proportion | | | | |
| Mean | 43.48 % | 40.91 % | 44.53 % | 43.43 % |
| Std. Deviation | 2.09 % | 1.63 % | 0.83 % | 1.95 % |
| Lsd/sig | 1.77 | P≤0.01 | ns | ns |
| ☒ Boll: weight | | | | |
| Mean | 5.03 g | 5.89 g | 5.34 g | 5.00 g |
| Std. Deviation | 0.29 g | 0.48 g | 0.36 g | 0.34 g |
| Lsd/sig | 0.47 | P≤0.01 | ns | ns |
| ☒ Boll: seed index | | | | |
| Mean | 9.46 | 11.58 | 9.81 | 9.33 |
| Std. Deviation | 0.26 | 0.26 | 0.35 | 0.16 |
| Lsd/sig | 0.38 | P≤0.01 | ns | ns |
| ☒ Boll: lint index | | | | |
| Mean | 7.74 | 8.63 | 8.38 | 7.67 |
| Std. Deviation | 0.43 | 0.50 | 0.30 | 0.50 |
| Lsd/sig | 0.50 | P≤0.01 | P≤0.01 | ns |
| ☐ Boll: number of seeds | | | | |
| Mean | 28.23 | 27.91 | 28.51 | 28.32 |
| Std. Deviation | 1.58 | 1.70 | 1.77 | 1.47 |
| Lsd/sig | 2.17 | ns | ns | ns |
| ☒ Fibre: length (mm) | | | | |
| Mean | 33.31 | 31.57 | 30.02 | 31.17 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 0.73 | 0.55 | 0.94 | 0.61 |
| Lsd/sig | 0.98 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☐ Fibre: length uniformity | | | | |
| Mean | 82.63 % | 84.22 % | 82.90 % | 83.97 % |
| Std. Deviation | 1.54 % | 1.20 % | 1.86 % | 1.52 % |
| Lsd/sig | 1.66 | ns | ns | ns |
| ☒ Fibre: strength (g/tex) | | | | |
| Mean | 35.48 | 34.00 | 31.94 | 33.92 |
| Std. Deviation | 2.00 | 1.39 | 2.50 x | 1.00 |
| Lsd/sig | 1.69 | ns | P≤0.01 | ns |
| ☐ Fibre: extension | | | | |
| Mean | 6.20 % | 6.22 % | 5.54 % | 6.53 % |
| Std. Deviation | 0.24 % | 0.16 % | 0.17 % | 0.17 % |
| Lsd/sig | 0.23 | ns | P≤0.01 | P≤0.01 |
| ☒ Fibre: micronaire | | | | |
| Mean | 4.30 | 4.89 | 4.80 | 4.75 |
| Std. Deviation | 0.24 | 0.09 | 0.16 | 0.20 |
| Lsd/sig | 0.22 | P≤0.01 | P≤0.01 | P≤0.01 |

**Prior Applications and Sales**

Nil.

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




Cotton (*Gossypium hirsutum*) variety ‘Sicala 320B3XF’ and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/002 |
| **Variety Name** | 'Sicot 675B3XF' |
| **Genus Species** | *Gossypium hirsutum* |
| **Common Name** | Cotton |
| **Accepted Date** | 14-Feb-2025 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT & Cotton Seed Distributors LTD. Wee Waa, NSW. |
| **Qualified Person** | Warwick Stiller |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Australian Cotton Research Institute, Narrabri, NSW |
| **Descriptor** | Cotton (*Gossypium*) TG/88/7 |
| **Period** | 2024/25 Summer |
| **Conditions** | Field grown irrigated trial with conventional management. |
| **Trial Design** | 18 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| **Measurements** | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 Instrument. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: seed parent line '15508F1' x pollen parent line '15501F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line '15508F1' is distinguished from 'Sicot 675B3XF' by the segregation of MON88701 expression and CBT resistance. The pollen parent line '15501F1' is distinguished from 'Sicot 675B3XF' by the segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to Bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Dr Warwick Stiller, CSIRO, Narrabri NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | habit | Erect |
| Boll | shape in longitudinal section | Ovate |
| Flower | colour of petals | Cream |
| Leaf | nectaries | Present |
| Leaf | shape | Palmate |
| Plant | Cry1Ac protein expression | Present |

| | | |
|---|---|---|
| Plant | Cry2Ab protein expression | Present |
| Plant | Vip3A protein expression | Present |
| Plant | CP4 protein expression | Present |
| Plant | DMO protein expression | Present |
| Plant | Bacterial blight resistance | Present |

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

| Name | Comments |
|---|---|
| Sicot 619B3XF | Commercial B3XF |
| Sicot 743B3XF | Commercial B3XF |
| Sicot 761B3XF | Commercial B3XF |

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

| Organ/Plant Part: Context | 'Sicot 675B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: type of flowering | semi-clustered | semi-clustered | semi-clustered | semi-clustered |
| ☐ Flower: colour of petal | whitish | whitish | whitish | whitish |
| ☐ Petal: spot | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| ☐ Flower: colour of pollen | whitish | whitish | whitish | whitish |
| ☐ Flower: position of stigma relative to anthers | clearly above | clearly above | clearly above | clearly above |
| ☐ Leaf: shape | palmate | palmate | palmate | palmate |
| ☒ Leaf: pubescence | absent or very weak to weak | weak | absent or very weak to weak | absent or very weak to weak |
| ☐ Leaf: presence of nectaries | present | present | present | present |
| ☐ Boll: shape in longditudinal section | ovate | ovate | ovate | ovate |
| ☐ Boll: pitting of surface | fine | fine | fine | fine |
| ☒ Boll: length of peduncle | medium to long | long | medium to long | medium |
| ☐ Plant: shape | conical | conical | conical | conical |
| ☐ Plant: height | tall | medium to tall | medium to tall | medium |
| ☐ Boll: time of opening | medium to late | medium to late | medium to late | medium to late |
| ☐ Boll: content of lint | high | medium to high | high | high |

| | | | | |
|---|---|---|---|---|
| ☒ Fiber: length | long | long | medium to long | long |
| ☒ Fiber: strength | medium to strong | strong | medium to strong | strong |
| ☐ Fiber: elongation | medium to large | medium to large | medium | medium to large |
| ☐ Fiber: fineness | fine to medium | fine to medium | fine to medium | fine to medium |
| ☐ Fiber: colour | white | white | white | white |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Sicot 675B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: Cotton Bunchy Top | resistant | susceptible | susceptible | resistant |
| ☐ Plant: Vip3A protein expression | present | present | present | present |
| ☐ Plant: Bacterial Blight | resistant | resistant | resistant | resistant |
| ☐ Plant: Verticillium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Fusarium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Cry1Ac protein expression | present | present | present | present |
| ☐ Plant: Cry2Ab protein expression | present | present | present | present |
| ☐ Plant: habit | erect | erect | erect | erect |
| ☐ Plant: CP4 protein expression | present | present | present | present |
| ☐ Plant: DMO protein expression | present | present | present | present |

**Statistical Table**

| Organ/Plant Part: Context | 'Sicot 675B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: distance to first fruiting branch (cm) | | | | |
| Mean | 27.71 | 23.27 | 23.30 | 18.10 |
| Std. Deviation | 6.16 | 3.98 | 5.72 | 5.39 |
| Lsd/sig | 1.72 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Plant: nodes to first fruiting branch | | | | |
| Mean | 8.25 | 7.92 | 8.20 | 6.93 |
| Std. Deviation | 0.96 | 0.98 | 0.74 | 0.86 |
| Lsd/sig | 0.34 | ns | ns | P≤0.01 |
| ☒ Plant: number of nodes | | | | |
| Mean | 22.20 | 21.62 | 22.14 | 20.87 |

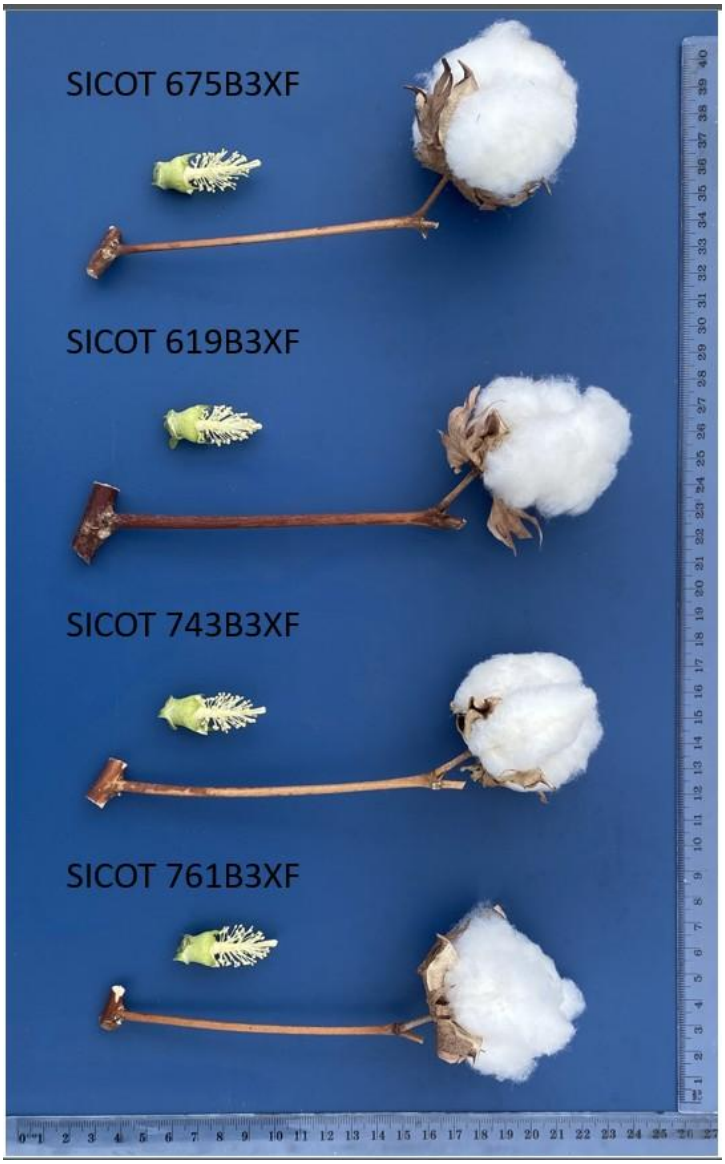
| | | | | |
|---|---|---|---|---|
| Std. Deviation | 1.19 | 1.51 | 1.12 | 1.40 |
| Lsd/sig | 0.44 | P≤0.01 | ns | P≤0.01 |
| ☒ Plant: height (cm) | | | | |
| Mean | 101.51 | 94.52 | 97.43 | 88.68 |
| Std. Deviation | 6.40 | 5.50 | 5.51 | 7.12 |
| Lsd/sig | 2.11 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Leaf: pubescence | | | | |
| Mean | 71.34 | 194.57 | 97.18 | 57.06 |
| Std. Deviation | 26.63 | 63.93 | 22.19 | 16.39 |
| Lsd/sig | 13.09 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Fruiting branch: first internode length (mm) | | | | |
| Mean | 112.53 | 121.20 | 119.88 | 105.41 |
| Std. Deviation | 12.84 | 19.08 | 14.92 | 20.34 |
| Lsd/sig | 6.25 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Boll: peduncle length (mm) | | | | |
| Mean | 29.23 | 34.00 | 29.75 | 26.72 |
| Std. Deviation | 4.23 | 4.70 | 5.00 | 4.43 |
| Lsd/sig | 1.66 | P≤0.01 | ns | P≤0.01 |
| ☒ Stigma: distance above stamens (mm) | | | | |
| Mean | 5.31 | 2.06 | 5.03 | 3.20 |
| Std. Deviation | 0.92 | 1.05 | 1.00 | 0.77 |
| Lsd/sig | 0.33 | P≤0.01 | ns | P≤0.01 |
| ☒ Boll: lint proportion | | | | |
| Mean | 44.10 % | 40.91 % | 44.53 % | 43.43 % |
| Std. Deviation | 1.14 % | 1.63 % | 0.83 % | 1.95 % |
| Lsd/sig | 1.77 | P≤0.01 | ns | ns |
| ☒ Boll: weight | | | | |
| Mean | 4.49 g | 5.89 g | 5.34 g | 5.00 g |
| Std. Deviation | 0.36 g | 0.48 g | 0.36 g | 0.34 g |
| Lsd/sig | 0.47 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Boll: seed index | | | | |
| Mean | 9.09 | 11.58 | 9.81 | 9.33 |
| Std. Deviation | 0.32 | 0.26 | 0.35 | 0.16 |
| Lsd/sig | 0.38 | P≤0.01 | P≤0.01 | ns |
| ☒ Boll: lint index | | | | |
| Mean | 7.52 | 8.63 | 8.38 | 7.67 |
| Std. Deviation | 0.40 | 0.50 | 0.30 | 0.50 |
| Lsd/sig | 0.5 | P≤0.01 | P≤0.01 | ns |
| ☐ Boll: number of seeds | | | | |
| Mean | 26.21 | 27.91 | 28.51 | 28.32 |
| Std. Deviation | 2.23 | 1.70 | 1.77 | 1.47 |
| Lsd/sig | 2.17 | ns | P≤0.01 | ns |
| ☒ Fibre: length (mm) | | | | |
| Mean | 31.10 | 31.57 | 30.02 | 31.17 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 1.05 | 0.55 | 0.94 | 0.61 |
| Lsd/sig | 0.98 | ns | P≤0.01 | ns |
| ☒ Fibre: length uniformity | | | | |
| Mean | 82.21 % | 84.22 % | 82.90 % | 83.97 % |
| Std. Deviation | 1.40 % | 1.20 % | 1.86 % | 1.52 % |
| Lsd/sig | 1.66 | P≤0.01 | ns | P≤0.01 |
| ☒ Fibre: strength (g/tex) | | | | |
| Mean | 32.19 | 34.00 | 31.94 | 33.92 |
| Std. Deviation | 1.19 | 1.39 | 2.50 | 1.00 |
| Lsd/sig | 1.69 | P≤0.01 | ns | P≤0.01 |
| ☒ Fibre: extension | | | | |
| Mean | 6.28 % | 6.22 % | 5.54 % | 6.53 % |
| Std. Deviation | 0.19 % | 0.16 % | 0.17 % | 0.17 % |
| Lsd/sig | 0.23 | ns | P≤0.01 | P≤0.01 |
| ☐ Fibre: micronaire | | | | |
| Mean | 4.82 | 4.89 | 4.80 | 4.75 |
| Std. Deviation | 0.21 | 0.09 | 0.16 | 0.20 |
| Lsd/sig | 0.22 | ns | ns | ns |

**Prior Applications and Sales**

Nil.

Description: **Dr Warwick Stiller**, CSIRO, Narrabri NSW 2390




Cotton (*Gossypium hirsutum*) variety ‘Sicot 675B3XF’ and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/003 |
| **Variety Name** | 'Sicot 757B3XF' |
| **Genus Species** | *Gossypium hirsutum* |
| **Common Name** | Cotton |
| **Accepted Date** | 14-Feb-2025 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT & Cotton Seed Distributors LTD. Wee Waa, NSW. |
| **Qualified Person** | Warwick Stiller |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Australian Cotton Research Institute, Narrabri, NSW |
| **Descriptor** | Cotton (Gossypium) TG/88/7 |
| **Period** | 2024/25 Summer |
| **Conditions** | Field grown irrigated trial with conventional management. |
| **Trial Design** | 18 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| **Measurements** | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 Instrument. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: seed parent line '16541F1' x pollen parent line '16538F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line '16541F1' and the pollen parent line '16538F1' is distinguished from 'Sicot 757B3XF' by the segregation of MON88701 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to Bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Dr Shiming Liu, CSIRO, Narrabri NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | habit | Erect |
| Boll | shape in longitudinal section | Ovate |
| Flower | colour of petals | Cream |
| Leaf | nectaries | Present |
| Leaf | shape | Palmate |
| Leaf | shape | Palmate |
| Plant | Cry1Ac protein expression | Present |

| | | |
|---|---|---|
| Plant | Cry2Ab protein expression | Present |
| Plant | Vip3A protein expression | Present |
| Plant | CP4 protein expression | Present |
| Plant | DMO protein expression | Present |
| Plant | Bacterial blight resistance | Present |

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

| Name | Comments |
|---|---|
| 'Sicot 619B3XF' | Commercial B3XF |
| 'Sicot 761B3XF' | Commercial B3XF |
| 'Sicot 743B3XF' | Commercial B3XF |

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

| Organ/Plant Part: Context | 'Sicot 757B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: type of flowering | semi-clustered | semi-clustered | semi-clustered | semi-clustered |
| ☐ Flower: colour of petal | whitish | whitish | whitish | whitish |
| ☐ Petal: spot | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| ☐ Flower: colour of pollen | whitish | whitish | whitish | whitish |
| ☐ Flower: position of stigma relative to anthers | clearly above | clearly above | clearly above | clearly above |
| ☐ Leaf: shape | palmate | palmate | palmate | palmate |
| ☒ Leaf: pubescence | weak to medium | weak | absent or very weak to weak | absent or very weak to weak |
| ☐ Leaf: presence of nectaries | present | present | present | present |
| ☐ Boll: shape in longditudinal section | ovate | ovate | ovate | ovate |
| ☐ Boll: pitting of surface | fine | fine | fine | fine |
| ☐ Boll: length of peduncle | long | long | medium to long | medium |
| ☐ Plant: shape | conical | conical | conical | conical |
| ☒ Plant: height | medium to tall | medium to tall | medium to tall | medium |
| ☐ Boll: time of opening | medium to late | medium to late | medium to late | medium to late |

| | | | | |
|---|---|---|---|---|
| ☐ Boll: content of lint | high | medium to high | high | high |
| ☒ Fiber: length | long to very long | long | medium to long | long |
| ☒ Fiber: strength | strong | strong | medium to strong | strong |
| ☐ Fiber: elongation | medium to large | medium to large | medium | medium to large |
| ☐ Fiber: fineness | fine to medium | fine to medium | fine to medium | fine to medium |
| ☐ Fiber: colour | white | white | white | white |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Sicot 757B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☐ Plant: Cotton Bunchy Top | susceptible | susceptible | susceptible | resistant |
| ☐ Plant: Vip3A protein expression | present | present | present | absent |
| ☐ Plant: Bacterial Blight | resistant | resistant | resistant | resistant |
| ☐ Plant: Verticillium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Fusarium Wilt | moderate resistance | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Cry1Ac protein expression | present | present | present | present |
| ☐ Plant: Cry2Ab protein expression | present | present | present | present |
| ☐ Plant: habit | erect | erect | erect | erect |
| ☐ Plant: CP4 protein expression | present | present | present | present |
| ☐ Plant: DMO protein expression | present | present | present | present |

**Statistical Table**

| Organ/Plant Part: Context | 'Sicot 757B3XF' | 'Sicot 619B3XF' | 'Sicot 743B3XF' | 'Sicot 761B3XF' |
|---|---|---|---|---|
| ☒ Plant: distance to first fruiting branch (cm) | | | | |
| Mean | 21.98 | 23.27 | 23.30 | 18.10 |
| Std. Deviation | 4.44 | 3.98 | 5.72 | 5.39 |
| Lsd/sig | 1.72 | ns | ns | P≤0.01 |
| ☒ Plant: nodes to first fruiting branch | | | | |
| Mean | 7.58 | 7.92 | 8.20 | 6.93 |
| Std. Deviation | 0.82 | 0.98 | 0.74 | 0.86 |
| Lsd/sig | 0.34 | ns | P≤0.01 | P≤0.01 |
| ☐ Plant: number of nodes | | | | |
| Mean | 21.28 | 21.62 | 22.14 | 20.87 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 1.46 | 1.51 | 1.12 | 1.40 |
| Lsd/sig | 0.44 | ns | P≤0.01 | ns |
| ☒ Plant: height (cm) | | | | |
| Mean | 93.27 | 94.52 | 97.43 | 88.68 |
| Std. Deviation | 6.01 | 5.50 | 5.51 | 7.12 |
| Lsd/sig | 2.11 | ns | P≤0.01 | P≤0.01 |
| ☒ Leaf: pubescence | | | | |
| Mean | 222.57 | 194.57 | 97.18 | 57.06 |
| Std. Deviation | 41.54 | 63.93 | 22.19 | 16.39 |
| Lsd/sig | 13.09 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Fruiting branch: first internode length (mm) | | | | |
| Mean | 107.23 | 121.20 | 119.88 | 105.41 |
| Std. Deviation | 16.29 | 19.08 | 14.92 | 20.34 |
| Lsd/sig | 6.25 | P≤0.01 | P≤0.01 | ns |
| ☒ Boll: peduncle length (mm) | | | | |
| Mean | 31.72 | 34.00 | 29.75 | 26.72 |
| Std. Deviation | 4.53 | 4.70 | 5.00 | 4.43 |
| Lsd/sig | 1.66 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Stigma: distance above stamens (mm) | | | | |
| Mean | 3.69 | 2.06 | 5.03 | 3.20 |
| Std. Deviation | 0.76 | 1.05 | 1.00 | 0.77 |
| Lsd/sig | 0.33 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Boll: lint proportion | | | | |
| Mean | 45.07 % | 40.91 % | 44.53 % | 43.43 % |
| Std. Deviation | 0.96 % | 1.63 % | 0.83 % | 1.95 % |
| Lsd/sig | 1.77 | P≤0.01 | ns | ns |
| ☒ Boll: weight | | | | |
| Mean | 5.35 g | 5.89 g | 5.34 g | 5.00 g |
| Std. Deviation | 0.52 g | 0.48 g | 0.36 g | 0.34 g |
| Lsd/sig | 0.47 | P≤0.01 | ns | ns |
| ☒ Boll: seed index | | | | |
| Mean | 9.17 | 11.58 | 9.81 | 9.33 |
| Std. Deviation | 0.28 | 0.26 | 0.35 | 0.16 |
| Lsd/sig | 0.38 | P≤0.01 | P≤0.01 | ns |
| ☒ Boll: lint index | | | | |
| Mean | 7.93 | 8.63 | 8.38 | 7.67 |
| Std. Deviation | 0.23 | 0.50 | 0.30 | 0.50 |
| Lsd/sig | 0.50 | P≤0.01 | ns | ns |
| ☒ Boll: number of seeds | | | | |
| Mean | 30.98 | 27.91 | 28.51 | 28.32 |
| Std. Deviation | 1.79 | 1.70 | 1.77 | 1.47 |
| Lsd/sig | 2.17 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☒ Fibre: length (mm) | | | | |
| Mean | 32.40 | 31.57 | 30.02 | 31.17 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 0.86 | 0.55 | 0.94 | 0.61 |
| Lsd/sig | 0.98 | ns | P≤0.01 | P≤0.01 |
| ☒ Fibre: length uniformity | | | | |
| Mean | 82.28 % | 84.22 % | 82.90 % | 83.97 % |
| Std. Deviation | 1.26 % | 1.20 % | 1.86 % | 1.52 % |
| Lsd/sig | 1.66 | P≤0.01 | ns | P≤0.01 |
| ☒ Fibre: strength (g/tex) | | | | |
| Mean | 34.46 | 34.00 | 31.94 | 33.92 |
| Std. Deviation | 1.12 | 1.39 | 2.50 | 1.00 |
| Lsd/sig | 1.69 | ns | P≤0.01 | ns |
| ☒ Fibre: extension | | | | |
| Mean | 6.34 % | 6.22 % | 5.54 % | 6.53 % |
| Std. Deviation | 0.11 % | 0.16 % | 0.17 % | 0.17 % |
| Lsd/sig | 0.23 | ns | P≤0.01 | ns |
| ☒ Fibre: micronaire | | | | |
| Mean | 4.53 | 4.89 | 4.80 | 4.75 |
| Std. Deviation | 0.12 | 0.09 | 0.16 | 0.20 |
| Lsd/sig | 0.22 | P≤0.01 | P≤0.01 | ns |

**Prior Applications and Sales**

Nil.

Description: **Dr Warwick Stiller**, CSIRO, Narrabri NSW 2390




Cotton (*Gossypium hirsutum*) variety ‘Sicot 757B3XF’ and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/004 |
| **Variety Name** | 'Sicot 721XF' |
| **Genus Species** | *Gossypium hirsutum* |
| **Common Name** | Cotton |
| **Accepted Date** | 14-Feb-2025 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT & Cotton Seed Distributors LTD. Wee Waa, NSW. |
| **Qualified Person** | Warwick Stiller |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Australian Cotton Research Institute, Narrabri, NSW |
| **Descriptor** | Cotton (*Gossypium*) TG/88/7 |
| **Period** | 2024/25 Summer |
| **Conditions** | Field grown irrigated trial with conventional management. |
| **Trial Design** | 18 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| **Measurements** | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 Instrument. |

**RHS Chart - edition**

**Origin and Breeding**

Controlled pollination: seed parent line 'Sicot 620' x pollen parent line '17601F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 620' is distinguished from 'Sicot 721XF' by the absence of MON88701 and MON88913 expression. The pollen parent line '17601F1' is distinguished from 'Sicot 721XF' by the segregation of CBT resistance, MON88701 and MON88913 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to Bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT.

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of Varieties** |
|---|---|---|
| Plant | habit | erect |
| Boll | shape in longitudinal section | ovate |
| Flower | colour of petals | whitish |
| Leaf | presence of nectaries | present |

| | | |
|---|---|---|
| Leaf | shape | palmate |
| Plant | Cry1Ac protein expression | absent |
| Plant | Cry2Ab protein expression | absent |
| Plant | Vip3A protein expression | absent |
| Plant | CP4 protein expression | present |
| Plant | DMO protein expression | present |
| Plant | Bacterial blight resistance | present |

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

| Name | Comments |
|---|---|
| 'Sicot 724XF' | Commercial XF |

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

| Organ/Plant Part: Context | 'Sicot 721XF' | 'Sicot 724XF' |
|---|---|---|
| ☐ Plant: type of flowering | semi-clustered | semi-clustered |
| ☐ Flower: colour of petal | whitish | whitish |
| ☐ Petal: spot | absent or very weak | absent or very weak |
| ☐ Flower: colour of pollen | whitish | whitish |
| ☐ Flower: position of stigma relative to anthers | clearly above | clearly above |
| ☐ Leaf: shape | palmate | palmate |
| ☐ Leaf: pubescence | absent or very weak to weak | absent or very weak to weak |
| ☐ Leaf: presence of nectaries | present | present |
| ☐ Boll: shape in longditudinal section | ovate | ovate |
| ☐ Boll: pitting of surface | fine | fine |
| ☐ Boll: length of peduncle | medium | medium |
| ☐ Plant: shape | conical | conical |
| ☐ Plant: height | medium to tall | medium to tall |
| ☐ Boll: time of opening | medium to late | medium to late |
| ☐ Boll: content of lint | high | high |
| ☐ Fiber: length | long | long |
| ☐ Fiber: strength | strong | strong |
| ☐ Fiber: elongation | medium to large | medium to large |
| ☐ Fiber: fineness | fine to medium | fine to medium |
| ☐ Fiber: colour | white | white |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Sicot 721XF' | 'Sicot 724XF' |
|---|---|---|

| | | |
|---|---|---|
| ☒ Plant: Cotton Bunchy Top | resistant | susceptible |
| ☐ Plant: Vip3A protein expression | absent | absent |
| ☐ Plant: Bacterial Blight | resistant | resistant |
| ☐ Plant: Verticillium Wilt | moderate resistance | moderate resistance |
| ☐ Plant: Fusarium Wilt | moderate resistance | moderate resistance |
| ☐ Plant: Cry1Ac protein expression | absent | absent |
| ☐ Plant: Cry2Ab protein expression | absent | absent |
| ☐ Plant: habit | erect | erect |
| ☐ Plant: CP4 protein expression | present | present |
| ☐ Plant: DMO protein expression | present | present |

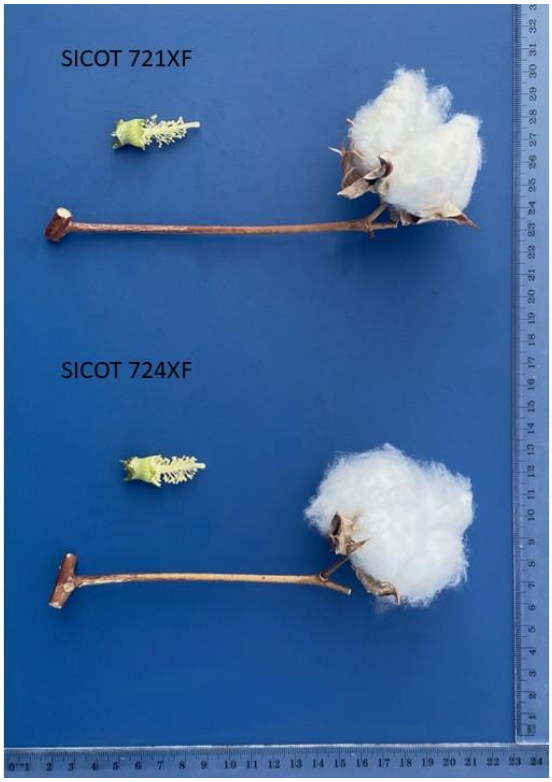
**Statistical Table**

| **Organ/Plant Part: Context** | **'Sicot 721XF'** | **'Sicot 724XF'** |
|---|---|---|
| ☐ Plant: distance to first fruiting branch (cm) | | |
| Mean | 22.71 | 23.22 |
| Std. Deviation | 5.58 | 5.29 |
| Lsd/sig | 1.72 | ns |
| ☐ Plant: nodes to first fruiting branch | | |
| Mean | 7.22 | 7.05 |
| Std. Deviation | 1.15 | 1.06 |
| Lsd/sig | 0.34 | ns |
| ☐ Plant: number of nodes | | |
| Mean | 20.37 | 20.44 |
| Std. Deviation | 1.30 | 1.32 |
| Lsd/sig | 0.44 | ns |
| ☐ Plant: height (cm) | | |
| Mean | 97.98 | 97.67 |
| Std. Deviation | 6.48 | 5.11 |
| Lsd/sig | 2.11 | ns |
| ☐ Leaf: pubescence | | |
| Mean | 94.28 | 84.46 |
| Std. Deviation | 31.51 | 38.23 |
| Lsd/sig | 13.09 | ns |
| ☒ Fruiting branch: first internode length | | |
| Mean | 123.74 | 113.58 |
| Std. Deviation | 16.95 | 16.53 |
| Lsd/sig | 6.25 | P≤0.01 |
| ☒ Boll: peduncle length (mm) | | |
| Mean | 25.75 | 28.30 |
| Std. Deviation | 3.92 | 4.44 |
| Lsd/sig | 1.66 | P≤0.01 |

| | | |
|---|---|---|
| ☒ Stigma: distance above stamens (mm) | | |
| Mean | 6.61 | 4.33 |
| Std. Deviation | 1.12 | 1.05 |
| Lsd/sig | 0.33 | P≤0.01 |
| ☐ Boll: lint proportion | | |
| Mean | 45.65 % | 44.87 % |
| Std. Deviation | 1.16 % | 1.89 % |
| Lsd/sig | 1.77 | ns |
| ☒ Boll: weight (g) | | |
| Mean | 4.33 | 5.00 |
| Std. Deviation | 0.30 | 0.24 |
| Lsd/sig | 0.47 | P≤0.01 |
| ☒ Boll: seed index | | |
| Mean | 8.53 | 9.65 |
| Std. Deviation | 0.38 | 0.31 |
| Lsd/sig | 0.38 | P≤0.01 |
| ☐ Boll: lint index | | |
| Mean | 7.84 | 8.30 |
| Std. Deviation | 0.44 | 0.53 |
| Lsd/sig | 0.50 | ns |
| ☐ Boll: number of seeds | | |
| Mean | 25.44 | 27.18 |
| Std. Deviation | 1.66 | 1.06 |
| Lsd/sig | 2.17 | ns |
| ☐ Fibre: length (mm) | | |
| Mean | 31.82 | 31.84 |
| Std. Deviation | 0.62 | 0.82 |
| Lsd/sig | 0.98 | ns |
| ☐ Fibre: length uniformity (%) | | |
| Mean | 83.98 | 82.37 |
| Std. Deviation | 1.03 | 0.75 |
| Lsd/sig | 1.66 | ns |
| ☐ Fibre: strength (g/tex) | | |
| Mean | 33.30 | 32.44 |
| Std. Deviation | 1.14 | 1.12 |
| Lsd/sig | 1.69 | ns |
| ☒ Fibre: extension (%) | | |
| Mean | 6.69 | 6.15 |
| Std. Deviation | 0.17 | 0.21 |
| Lsd/sig | 0.23 | P≤0.01 |
| ☐ Fibre: micronaire | | |
| Mean | 4.31 | 4.29 |
| Std. Deviation | 0.26 | 0.10 |
| Lsd/sig | 0.22 | ns |

**Prior Applications and Sales**
Nil.

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




Cotton *Gossypium hirsutum* variety 'Sicot 721XF'
and its comparator.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/005 |
| **Variety Name** | 'Siokra 241XF' |
| **Genus Species** | *Gossypium hirsutum* |
| **Common Name** | Cotton |
| **Accepted Date** | 14-Feb-2025 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain ACT & Cotton Seed Distributors LTD. Wee Waa, NSW. |
| **Qualified Person** | Warwick Stiller |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Australian Cotton Research Institute, Narrabri, NSW |
| **Descriptor** | Cotton (*Gossypium*) TG/88/7 |
| **Period** | 2024/25 Summer |
| **Conditions** | Field grown irrigated trial with conventional management. |
| **Trial Design** | 18 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| **Measurements** | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 Instrument. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: seed parent line 'Siokra 250' x pollen parent line '17602F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Siokra 250' is distinguished from 'Sokra 241XF' by the absence of MON88701 and MON88913 expression. The pollen parent line '17602F1' is distinguished from 'Siokra 241XF' by the segregation of leaf shape, MON88701 and MON88913 expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to Bacterial blight, Verticillium and Fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeder: Dr Warwick Stiller, CSIRO, Narrabri NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | habit | Erect |
| Boll | shape in longitudinal section | Ovate |
| Flower | colour of petals | Cream |
| Leaf | nectaries | Present |
| Leaf | shape | Digitate |

| | | |
|---|---|---|
| Plant | Cry1Ac protein expression | Absent |
| Plant | Cry2Ab protein expression | Absent |
| Plant | Vip3A protein expression | Absent |
| Plant | CP4 protein expression | Present |
| Plant | DMO protein expression | Present |
| Plant | Bacterial blight resistance | Present |

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

| **Name** | **Comments** |
|---|---|
| 'Siokra 253B3XF' | Okra Leaf Commercial B3XF |
| 'Sicot 724XF' | Commercial XF |

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

| **Organ/Plant Part: Context** | **'Siokra 241XF'** | **'Sicot 724XF'** | **'Siokra 253B3XF'** |
|---|---|---|---|
| ☐ Plant: type of flowering | semi-clustered | semi-clustered | semi-clustered |
| ☐ Flower: colour of petal | whitish | whitish | whitish |
| ☐ Petal: spot | absent or very weak | absent or very weak | absent or very weak |
| ☐ Flower: colour of pollen | whitish | whitish | whitish |
| ☐ Flower: position of stigma relative to anthers | clearly above | clearly above | clearly above |
| ☒ Leaf: shape | digitate | palmate | digitate |
| ☐ Leaf: pubescence | absent or very weak to weak | absent or very weak to weak | absent or very weak to weak |
| ☐ Leaf: presence of nectaries | present | present | present |
| ☐ Boll: shape in longditudinal section | ovate | ovate | ovate |
| ☐ Boll: pitting of surface | fine | fine | fine |
| ☒ Boll: length of peduncle | medium to long | medium | long |
| ☐ Plant: shape | conical | conical | conical |
| ☐ Plant: height | medium to tall | medium to tall | tall |

| | | | |
|---|---|---|---|
| ☐ Boll: time of opening | medium to late | medium to late | medium to late |
| ☐ Boll: content of lint | high | high | high |
| ☐ Fiber: length | medium to long | long | medium to long |
| ☐ Fiber: strength | medium to strong | strong | medium to strong |
| ☐ Fiber: elongation | medium to large | medium to large | medium to large |
| ☐ Fiber: fineness | fine to medium | fine to medium | fine to medium |
| ☐ Fiber: colour | white | white | white |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Siokra 241XF' | 'Sicot 724XF' | 'Siokra 253B3XF' |
|---|---|---|---|
| ☐ Plant: Cotton Bunchy Top | susceptible | susceptible | resistant |
| ☒ Plant: Vip3A protein expression | absent | absent | present |
| ☐ Plant: Bacterial Blight | resistant | resistant | resistant |
| ☐ Plant: Verticillium Wilt | moderate resistance | moderate resistance | moderate resistance |
| ☐ Plant: Fusarium Wilt | moderate resistance | moderate resistance | moderate resistance |
| ☒ Plant: Cry1Ac protein expression | absent | absent | present |
| ☒ Plant: Cry2Ab protein expression | absent | absent | present |
| ☐ Plant: habit | erect | erect | erect |
| ☐ Plant: CP4 protein expression | present | present | present |
| ☐ Plant: DMO protein expression | present | present | present |

**Statistical Table**

| Organ/Plant Part: Context | 'Siokra 241XF' | 'Sicot 724XF' | 'Siokra 253B3XF' |
|---|---|---|---|
| ☐ Plant: distance to first fruiting branch (cm) | | | |
| Mean | 20.02 | 23.22 | 30.03 |
| Std. Deviation | 5.39 | 5.29 | 5.02 |
| Lsd/sig | 1.72 | P≤0.01 | P≤0.01 |
| ☒ Plant: nodes to first fruiting branch | | | |
| Mean | 6.67 | 7.05 | 8.42 |
| Std. Deviation | 0.85 | 1.06 | 0.74 |
| Lsd/sig | 0.34 | P≤0.01 | P≤0.01 |
| ☐ Plant: number of nodes | | | |
| Mean | 20.66 | 20.44 | 21.39 |
| Std. Deviation | 1.39 | 1.32 | 1.11 |
| Lsd/sig | 0.44 | ns | P≤0.01 |
| ☐ Plant: height (cm) | | | |
| Mean | 97.66 | 97.67 | 102.63 |

| | | | |
|---|---|---|---|
| Std. Deviation | 7.60 | 5.11 | 5.78 |
| Lsd/sig | 2.11 | ns | P≤0.01 |
| ☒ Leaf: pubescence | | | |
| Mean | 101.47 | 84.46 | 78.92 |
| Std. Deviation | 27.91 | 38.23 | 18.73 |
| Lsd/sig | 13.09 | P≤0.01 | P≤0.01 |
| ☒ Fruiting branch: first internode length (mm) | | | |
| Mean | 130.84 | 113.58 | 157.25 |
| Std. Deviation | 19.63 | 16.53 | 17.18 |
| Lsd/sig | 6.25 | P≤0.01 | P≤0.01 |
| ☒ Boll: peduncle length (mm) | | | |
| Mean | 30.12 | 28.30 | 31.73 |
| Std. Deviation | 4.77 | 4.44 | 5.00 |
| Lsd/sig | 1.66 | P≤0.01 | ns |
| ☒ Stigma: distance above stamens (mm) | | | |
| Mean | 4.25 | 4.33 | 3.76 |
| Std. Deviation | 0.95 | 1.05 m | 0.92 |
| Lsd/sig | 0.33 | ns | P≤0.01 |
| ☒ Boll: lint proportion | | | |
| Mean | 43.09 % | 44.87 % | 44.95 % |
| Std. Deviation | 1.50 % | 1.89 % | 1.46 % |
| Lsd/sig | 1.77 | P≤0.01 | P≤0.01 |
| ☐ Boll: weight (gm) | | | |
| Mean | 5.29 | 5.00 | 5.13 |
| Std. Deviation | 0.58 | 0.24 | 0.39 |
| Lsd/sig | 0.47 | ns | ns |
| ☐ Boll: seed index | | | |
| Mean | 9.64 | 9.65 | 9.30 |
| Std. Deviation | 0.36 | 0.31 | 0.44 |
| Lsd/sig | 0.38 | ns | ns |
| ☒ Boll: lint index | | | |
| Mean | 7.79 | 8.30 | 8.04 |
| Std. Deviation | 0.42 | 0.53 | 0.43 |
| Lsd/sig | 0.50 | P≤0.01 | ns |
| ☐ Boll: number of seeds | | | |
| Mean | 29.71 | 27.18 | 28.77 |
| Std. Deviation | 2.14 | 1.06 | 2.77 |
| Lsd/sig | 2.17 | P≤0.01 | ns |
| ☐ Fibre: length (mm) | | | |
| Mean | 30.96 | 31.84 | 30.51 |
| Std. Deviation | 0.96 | 0.82 | 0.65 |
| Lsd/sig | 0.98 | ns | ns |

| | | | |
|---|---|---|---|
| ☐ Fibre: length uniformity | | | |
| Mean | 81.86 % | 82.37 % | 82.75 % |
| Std. Deviation | 1.52 % | 0.75 % | 1.25 % |
| Lsd/sig | 1.66 | ns | ns |
| ☐ Fibre: strength (g/tex) | | | |
| Mean | 32.12 | 32.44 | 32.57 |
| Std. Deviation | 1.05 | 1.12 | 1.49 |
| Lsd/sig | 1.69 | ns | ns |
| ☒ Fibre: extension | | | |
| Mean | 6.09 % | 6.15 % | 6.40 % |
| Std. Deviation | 0.25 % | 0.21 % | 0.20 % |
| Lsd/sig | 0.23 | ns | P≤0.01 |
| ☐ Fibre: micronaire | | | |
| Mean | 4.73 | 4.29 | 4.09 |
| Std. Deviation | 0.20 | 0.10 | 0.09 |
| Lsd/sig | 0.22 | P≤0.01 | P≤0.01 |

**Prior Applications and Sales**

Nil.

Description: **Dr Warwick Stiller**, CSIRO, Narrabri NSW 2390




Cotton (*Gossypium hirsutum*) variety ‘Siokra 241XF’ and its comparators.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/029 |
| **Variety Name** | 'JUNINIO' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2025-07-22 |
| **Applicant** | Syngenta Crop Protection AG |
| **Agent** | Syngenta Australia Pty Ltd |
| **Qualified Person** | David Gillespie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Netherlands (the) |
| **Overseas Data Reference Number** | SLA4948 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN, the Netherlands |
| **Descriptor** | TG/13/11 Rev. 4 Lettuce |
| **Period** | 2024 |
| **Conditions** | Not available |
| **Trial Design** | Not available |
| **Measurements** | Not available |
| **RHS Chart - edition** | Not available |

**Origin and Breeding**

Controlled pollination: The variety Juninio was developed using a conventional pedigree breeding method. The initial cross was made in Torre Pacheco, Spain, in 2014, between a commercial maternal parent and Syngenta line code LS15453 as the male parent. The F1 generation was grown in 2014 and self-pollinated to produce F2 seed. The F2 population was grown in 2015. From F2 onwards, individual plants displaying the desired combination of traits were selected and self-pollinated. The resulting progenies were grown as separate families and evaluated in each subsequent generation.

Pedigree selection was conducted annually from F2 to F7. Selection focused on bolting tolerance, tipburn tolerance, resistance to downy mildew, productivity, plant uniformity, plant height, leaf colour, and overall horticultural performance. Plants and families that showed undesirable variation, off-types, poor performance, or segregation for target characteristics were discarded.

By the F7 generation, the selected material showed sufficient uniformity to be assigned the line code LMUL 20-2035. The line was further advanced to F8, where the best selection was chosen for the first bulk seed production in 2021, producing pre-commercial seed.

Stability was evaluated over three consecutive self-pollinated generations, from F6 through F8. The line consistently expressed its defining characteristics during these generations and in subsequent seed productions, confirming that Juninio was sufficiently uniform and stable for commercial development.
Breeder: Miguel Roca

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| leaf | anthocyanin coloration | absent or very weak |
| plant | type | mult-divided |
| plant | Time of begnning of bolting | medium to late |
| resistance to | resistance to Bremia lactucae isolate Bl:29EU | present |
| seed | color | white |

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

| Variety | Comment |
|---|---|
| **'Javio'** | Similar to the candidate in the above characteristics |

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

| | Plant/Organ Part: Context | 'JUNINIO' | 'Javio' |
|---|---|---|---|
| | Seed - colour | white | |
| **X** | Plant - diameter | large | medium |
| | Plant - degree of overlapping of upper part of leaves | absent or weak | |
| | Plant - number of leaves | medium | |
| | Leaf - attitude | semi-erect | |
| | Leaf - number of divisions | very many | |
| | Leaf - anthocyanin colouration | absent or very weak | |
| | Leaf - colour | green | |
| | Leaf - intensity of green colour | medium to dark | |
| | Leaf - glossiness of upper side | weak | |
| | Leaf - thickness | thin | |
| | Leaf - blistering | absent or very weak | |
| | Leaf - undulation of margin | weak to medium | |
| | Leaf - type of incisions of margin | tridentate | |
| | Leaf - depth of incisions of margin | deep | |
| | Leaf - depth of secondary incisions of margin | shallow to medium | |
| | Leaf - venation | semi-flabellate | |
| **X** | Leaf - density of incisions of margin | medium to dense | dense |
| | Time of beginning of bolting - Context | medium to late | |
| | Axillary sprouting - Context | absent or weak | |

| | | | |
|---|---|---|---|
| | Bolting stem - fasciation | weak | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 29EU | present | |
| | Resistance to - Lettuce mosaic virus (LMV) Pathotype II | present | |
| | Resistance to - Nasonovia ribisnigri (Nr) Biotype Nr: 0 | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 30EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 31EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 33EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 35EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 36EU | present | |
| | Resistance to - Fusarium oxysporum f.sp. lactucae (Fol) Race 1 | high | |

**Characteristics Additional to the Descriptor/TG**

| Plant/Organ Part: Context | 'JUNINIO' | 'Javio' |
|---|---|---|
| | | |
| | | |
| | | |

**Description: David Gillespie,** Ormiston, QLD



Candidate Juninio

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/103 |
| **Variety Name** | 'PGW Feroz' |
| **Genus Species** | *Lolium multiflorum* |
| **Common Name** | Annual Ryegrass |
| **Accepted Date** | 2025-07-03 |
| **Applicant** | Grasslands Innovation Ltd, Palmerston North, New Zealand |
| **Qualified Person** | Charlotte Burgess |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Brazil |
| **Overseas Data Reference Number** | 21806.000013/2023-88 |
| **Location** | Santagro, Santa Cruz do Sul/RS |
| **Descriptor** | TG/4/8 Ryegrass |
| **Period** | 2021-2022 |
| **Conditions** | As per Brazil DUS |
| **Trial Design** | As per Brazil DUS |
| **Measurements** | na |
| **RHS Chart - edition** | na |

**Origin and Breeding**

Open pollination: In 2015 and 2016, screening for grey leaf spot was conducted on a wide range of germplasm lines. After 2 years, selected plants of BRS Integraco, FABC1 were crossed using LE284 as a check. In 2017 the nursery included 4000 plants and after evaluation, 35 plants were selected and polycrossed in the field. The 35 families were sown in a second nursery of 2900 plants in 2018. The final selection was made of 81 plants selected from the half-sib progeny and checked. The seed was bulked up and sent to New Zealand for seed increase. Breeder: Grasslands Innovation Limited (Directed by Alan Stewart), Lincoln, New Zealand

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | Ploidy | Diploid |

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

| Variety | Comment |
|---|---|
| **'BRS Ponteio'** | |
| **'Winterstar II'** | Excluded from trial due to ploidy. |

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

| | Plant/Organ Part: Context | 'PGW Feroz' | 'BRS Ponteio' |
|---|---|---|---|
| | *Plant - ploidy | diploid | |

| | | | |
|---|---|---|---|
| | Plant - vegetative growth habit (without vernalisation) | semi-erect | |
| | Leaf - length | medium | |
| | Leaf - width | medium | |
| | Leaf - intensity of green colour | dark | |
| | *Plant - time of inflorescence emergence (varieties of Lmw and Lr only) | medium | |
| | Plant - tendency to form inflorescences (without vernalisation) | strong | |
| | Plant - natural height at inflorescence emergence | tall | |
| | Plant - width at inflorescence emergence | medium | |
| | *Flag leaf - length | medium | |
| **X** | *Flag leaf - width | narrow | medium |
| | Flag leaf - length/width ratio | medium | |
| | *Plant - length of longest stem, inflorescence included | long | |
| | Plant - length of upper internode | medium | |
| | Inflorescence - length | medium | |
| | Inflorescence - number of spikelets | medium | |
| | Inflorescence - density | dense | |
| **X** | Inflorescence - length of outer glume on basal spikelet | short | medium |
| | Inflorescence - length of basal spikelet excluding awn | medium | |

**Prior Applications and Sales**

| Country | Year | Status | Name Applied |
|---|---|---|---|
| Uruguay | 2023 | provisional | PGW Feroz |
| Brazil | 2023 | provisional | PGW Feroz |

First Sold as PGW Feroz on 14 January 2022 in Brazil.

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




Italian Ryegrass variety PGW Feroz (SAD18001)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/135 |
| **Variety Name** | 'BurgundyGlow' |
| **Genus Species** | *Syzygium australe* |
| **Common Name** | Lilly Pilly, Brush Cherry |
| **Accepted Date** | 2025-07-29 |
| **Applicant** | Reline Management Pty Ltd ATF The Cole Unit Trust, Banjup, WA, Australia |
| **Qualified Person** | Philip Watkins |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | John Cole's Nursery, 348 Beenyup Rd, Banjup, WA 6164 |
| **Descriptor** | PBR Lilly Pilly Version 2 Lilly Pilly (Acmena smithii/Syzygium sp) |
| **Period** | July 2025 - September 2026 |
| **Conditions** | Vegetatively propagated plants grown in pots located in full sun with same soil mix, fertiliser and irrigation. |
| **Trial Design** | Design of Trial: A block of each variety where all other variables are the same.<br>Number of Replications: 10<br>Pot Diameter: 200mm<br>Date Sown/Propagated: 01/07/2025<br>Development Stage: mature vegetative growth |
| **Measurements** | Observations were made on plant parts taken from each of ten plants sampled at random. |
| **RHS Chart - edition** | 1986 |

**Origin and Breeding**

Open Pollination: The potted plant of 'Plum Magic' was surrounded by other 'Plum Magic' plants and potted Syzygium australe var 'Cherry Bomb' plants. The single seedling was a rapid grower with a strong upright central stem bearing many short lateral branches suited to topiary. This seedling also displayed intense red new growth and resistance to psyllid attack. Vegetative cuttings were taken from this seedling and resultant plants were planted in pots in 2024. All plants displayed same central upright growth form, red new growth and psyllid resistance. No off types were observed. A further round of cuttings was therefore subsequently taken and resultant plants showed same characteristics and no off types were again observed.

Breeder - Reline Management Pty Ltd ATF The Cole Unit Trust, Banjup, WA, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | shape of apex | acute |
| Leaf | glossiness | medium - strong |
| Leaf | stiffness | medium |
| Leaf | variegation | absent |
| Newly emerged leaf | colour | red |
| Partly mature leaf | colour | red |

| | | |
|---|---|---|
| Plant | growth habit | upright |
| Plant | height | medium to tall |
| Plant | branch density | medium - dense |
| Stem | colour new growth | red |

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

| Variety | Comment |
|---|---|
| **'Cherry Bomb'** | |
| **'Plum Magic'** | Excluded due to: - Plant: growth habit – bushy upright. Leaf: blade length - long. |
| **'Plum Magic'** | Excluded due to: - Leaf: blade width – narrow. Leaf: blade length/width ratio – medium to large |
| **'Plum Magic'** | Excluded due to: - Leaf: shape of blade – lanceolate. Leaf: blade longitudinal twisting – present. |

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

| | Plant/Organ Part: Context | 'BurgundyGlow' | 'Cherry Bomb' |
|---|---|---|---|
| | Plant: growth habit | strongly upright | strongly upright |

| | | | |
|---|---|---|---|
| | Plant: height | tall | tall |
| | Plant: branch density | medium to dense | medium to dense |
| | Stem: branch angle | erect | erect |
| | Stem: internode length | medium | medium |
| | Stem: basal diameter | medium | medium |
| | Leaf: blade length | medium | medium |
| | Leaf: blade width | medium | medium |
| | Leaf: blade length/width ratio | small | small |
| | Leaf: petiole length | short | short |
| | Leaf: shape of blade | elliptic | elliptic |
| | Leaf: shape of apex | acute | acute |
| | Leaf: shape of base | cuneate | cuneate |
| **X** | Leaf: shape of cross section | concave | convex |
| **X** | Leaf: glossiness | medium | strong |
| **X** | Leaf: shape of longitudinal section | flat | convex |
| | Leaf: stiffness | medium | medium |
| | Leaf: prominence of midrib on lower surface | prominent | prominent |
| | Leaf: variegation | absent | absent |

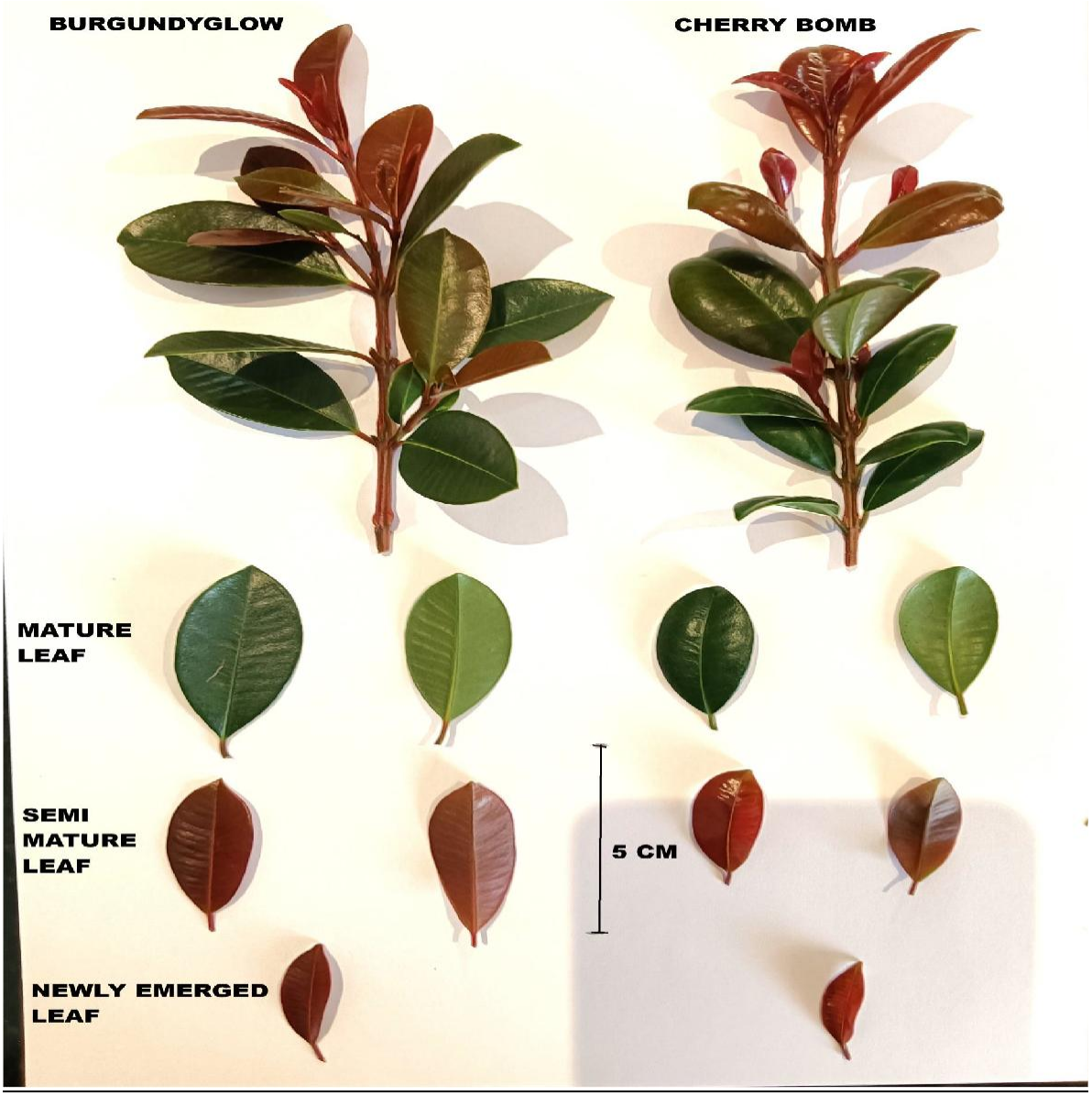
**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'BurgundyGlow'** | **'Cherry Bomb'** |
|---|---|---|---|
| | Leaf: petiole colour | 200A | 200C |
| | Leaf: psyllid attack symptoms | absent | present |
| | Leaf: severity of psyllid attack | absent or very weak | medium |
| | Mature leaf: primary colour of upper side | 147A | 147A |
| | Mature leaf: primary colour of lower side | 148A | 147B |
| | Newly emerged leaf: upper side colour | 187A | 187A |
| | Partly mature leaf: primary colour of upper side | 187A | 187A |
| | Partly mature leaf: primary colour of lower side | 187B | 187B |
| | Stem: colour of mature stem | 183C | 176C |
| **X** | Stem: colour of new growth | 185A | 183A |

**Prior Applications and Sales:**

Nil

**Description: Philip Watkins,** Manunda, QLD




‘BurgundyGlow’ compared with ‘Cherry Bomb’

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/157 |
| **Variety Name** | 'ESTELENA' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2025-11-27 |
| **Applicant** | Syngenta Crop Protection AG |
| **Agent** | Syngenta Australia Pty Ltd |
| **Qualified Person** | David Gillespie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Netherlands (the) |
| **Overseas Data Reference Number** | SLA4446 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN, the Netherlands |
| **Descriptor** | TG/13/11 Rev. 4 Lettuce |
| **Period** | 2021-2022 |
| **Conditions** | not available |
| **Trial Design** | Not available |
| **Measurements** | As per National Technical Guideline TG/13/11 Revision 4 |
| **RHS Chart - edition** | Not available |

**Origin and Breeding**

Controlled pollination: The variety 'Estelena' was developed using a conventional pedigree breeding method. The initial cross was made in Torre-Pacheco, Spain. The cross was between two commercial lines. The F1 generation was grown in 2014 and self-pollinated to produce F2 seed. Individual F2 plants displaying the desired combination of traits were selected and self-pollinated. The resulting progeny were grown as separate families and evaluated in each subsequent generation.

Pedigree selection was conducted annually until F7. Selection focused on bolting tolerance, tip-burn tolerance and resistance to downy mildew, productivity, plant uniformity, plant weight, leaf colour, and overall horticultural performance. Plants and families that showed undesirable variation, off-types, poor performance, or segregation for target characteristics were discarded.

By the F7 generation, the selected material showed sufficient uniformity to be assigned the line code LRMN19-1967 and later called 'Estelena'.

Stability was evaluated over two further consecutive self-pollinated generations. The line consistently expressed its defining characteristics during these generations and confirmed by Molecular Markers. The later generations were conducted in Enkhuizen the Netherlands. Breeder: Syngenta Crop Protection Ag, Rosentalstrasse 67, Basel 4058, Switzerland.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| leaf | anthocyanin coloration | absent or very weak |

| | | |
|---|---|---|
| plant | t;ype | Gem Type |
| resistance to | resistance to Bremia lactucae isolate Bl:16EU | present |
| resistance to | resistance to Bremia lactucae isolate Bl:29EU | present |
| seed | color | white |

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

| Variety | Comment |
|---|---|
| **'Daywalt'** | Similar to the candidate in the above grouping characteristics |

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

| | Plant/Organ Part: Context | 'ESTELENA' | 'Daywalt' |
|---|---|---|---|
| | Seed - colour | white | |
| **X** | Plant - diameter | medium | small to medium |
| | Plant - degree of overlapping of upper part of leaves | medium | |
| | Leaf - attitude | erect to semi-erect | |
| **X** | Leaf - shape | narrow elliptic | |
| | Leaf - number of divisions | absent or very few | |
| | Leaf - shape of apex | rounded | |
| | Leaf - longitudinal section | flat | |
| | Leaf - anthocyanin colouration | absent or very weak | |
| | Leaf - colour | green | |
| | Leaf - intensity of green colour | medium to dark | |
| | Leaf - glossiness of upper side | weak | |
| | Leaf - thickness | medium | |
| | Leaf - blistering | absent or very weak to weak | |
| | Leaf - size of blisters | small to medium | |
| | Leaf - undulation of margin | absent or very weak | |
| | Leaf - venation | not flabellate | |
| | Head - size | medium | |
| **X** | Head - shape in longitudinal section | narrow elliptic | broad elliptic |
| | Head - density | medium | |
| | Time of maturity of harvest - Context | late | |
| **X** | Time of beginning of bolting - Context | late to very late | early to medium |
| | Axillary sprouting - Context | medium | |
| | Bolting stem - fasciation | medium | |

| | | | |
|---|---|---|---|
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 29EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 30EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 31EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 33EU | present | |
| | Resistance to - Bremia lactucae (Bl) Isolate Bl: 35EU | present | |
| | Resistance to - Lettuce mosaic virus (LMV) Pathotype II | absent | |
| | Resistance to - Nasonovia ribisnigri (Nr) Biotype Nr: 0 | present | |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'ESTELENA' | 'Daywalt' |
|---|---|---|---|
| | | | |
| | | | |

First Sold in Australia as ESTELENA on 13 June 2025.
First Sold as ESTELENA on 22 July 2021 in European Union.

**Description: David Gillespie,** Ormiston, QLD



Estelena lettuce

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/158 |
| **Variety Name** | 'BALTHASETTO' |
| **Genus Species** | *Solanum lycopersicum* |
| **Common Name** | Tomato, cherry tomato |
| **Accepted Date** | 2025-10-17 |
| **Applicant** | Rijk Zwaan Zaadteelt en Zaadhandel B.V. |
| **Agent** | Spruson & Ferguson |
| **Qualified Person** | Michael Christie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Netherlands (the) |
| **Overseas Data Reference Number** | TMT4122 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN, the Netherlands |
| **Descriptor** | TG/44/11 Rev. 3 Tomato |
| **Period** | 2023 - 2024 |
| **Conditions** | according to technical protocol |
| **Trial Design** | according to technical protocol |
| **Measurements** | according to technical protocol |
| **RHS Chart - edition** | n/a |

**Origin and Breeding**

Controlled pollination: Observations for this variety were first made in April 2021 in De Lier (the Netherlands). Lines from the existing breeding program are crossed with ToBRFV resistant material and, with marker selection and
traditional breeding techniques, made into stable (new) parent lines.

Breeder: Rijk Zwaan Tomato breeding department (Rijk Zwaan Zaadteelt en Zaadhandel B.V., Burgemeester Crezéelaan 40, DE LIER, 2678 KX, the Netherlands).

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | green shoulder (before maturity) | present |
| Fruit | green stripes (before maturity) | absent |
| Fruit | shape in longitudinal section | obovate |
| Fruit | number of locules | two and three |
| Peduncle | abscission layer | present |
| Plant | growth type | indeterminate |
| Plant | Resistance to Meloidogyne incognita (Mi) | highly resistant |

| | | |
|---|---|---|
| Plant | Resistance to Verticillium sp. (Va and Vd) race 0 | absent |
| Plant | Resistance to Fusarium oxysporum f. sp. lycopersici (Fol), race 0EU/1US | present |
| Plant | Resistance to Fusarium oxysporum f. sp. lycopersici (Fol), race 1EU/2US | present |
| Plant | Resistance to Tomato Mosaic Virus (ToMV), strain 0 | present |
| Plant | Resistance to Tomato Spotted Wilt Virus (TSWV), strain 0 | absent |

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

| Variety | Comment |
|---|---|
| **'Parisetto'** | |

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

| | Plant/Organ Part: Context | 'BALTHASETTO' | 'Parisetto' |
|---|---|---|---|
| | Seedling - anthocyanin colouration of hypocotyl (seed-propagated varieties only) | present | |
| | *Plant - growth type | indeterminate | |
| | Stem - anthocyanin colouration | weak | |
| | Stem - length of internode (varieties with plant growth type indeterminate only) | medium | |
| | *Leaf - attitude | horizontal to semi-drooping | |
| | Leaf - length | medium to long | |
| | Leaf - width | medium | |
| | *Leaf - type of blade | bipinnate | |
| | Leaf - size of leaflets | medium | |
| | Leaf - intensity of green colour | medium | |
| | Leaf - glossiness | weak | |
| | Leaf - blistering | weak | |
| | Leaf - attitude of petiole of leaflet in relation to main axis | horizontal | |

| | | | |
|---|---|---|---|
| | Inflorescence - type | mainly uniparous | |
| | *Flower - colour | yellow | |
| | *Peduncle - abscission layer | present | |
| | *Fruit - green shoulder (before maturity) | present | |
| | Fruit - extent of green shoulder (before maturity) | medium | |
| **X** | Fruit - intensity of green colour of shoulder (before maturity) | dark to very dark | medium to dark |
| | *Fruit - intensity of green colour excluding shoulder (before maturity) | light to medium | |
| | Fruit - green stripes (before maturity) | absent | |
| **X** | *Fruit - size | very small to small | very small |
| | *Fruit - shape in longitudinal section | obovate | |
| | *Fruit - ribbing at peduncle end | very weak to weak | |
| | Fruit - depression at peduncle end | absent or very weak | |
| | Fruit - size of peduncle scar | very small to small | |
| | Fruit - size of blossom scar | very small | |
| | Fruit - shape at blossom end | indented | |
| | Fruit - diameter of core in cross section in relation to total diameter | small | |
| | Fruit - thickness of pericarp | very thin | |
| | *Fruit - number of locules | two and three | |
| | *Fruit - colour (at maturity) | red | red |
| | *Fruit - colour of flesh (at maturity) | red | |
| | Fruit - glossiness of skin | strong | |
| | *Fruit - firmness | firm | |
| | Time of - flowering | early | |
| | *Time of - maturity | very early to early | |
| | *Resistance to - Meloidogyne incognita (Mi) | highly resistant | |
| | *Resistance to - Verticillium sp. (Va and Vd) – Race 0 | absent | |
| | Resistance to - Fusarium oxysporum f. sp. radicis lycopersici (Forl) | absent | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group D | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group E | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Race 0 | present | |

| | | | |
|---|---|---|---|
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group C | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group B | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group A | present | |

**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'BALTHASETTO'** | **'Parisetto'** |
|---|---|---|---|
| | Flower : pubescence of style | present | |
| | Fruit : ratio length/diameter | large | |
| | Peduncle : length | medium | |
| | Plant : height | medium to high | |
| | Resistance to : Fusarium oxysporum f. sp. lycopersici (Fol), race 0EU/1US | present | |
| | Resistance to : Fusarium oxysporum f. sp. lycopersici (Fol), race 1EU/2US | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 0 | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 1 | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 2 | present | |
| | Resistance to : Tomato Spotted Wilt Virus (TSWV), strain 0 | absent | |

First Sold in Australia as Balthasetto (72-MP0034 RZ) on 15 August 2024.
First Sold as Balthasetto (72-MP0034 RZ) on 28 October 2022 in Canada.

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



Tomato (Solanum lycopersicum L.) variety "BALTHASETTO"

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/159 |
| **Variety Name** | 'PARISETTO' |
| **Genus Species** | *Solanum lycopersicum* |
| **Common Name** | Tomato, cherry tomato |
| **Accepted Date** | 2025-10-27 |
| **Applicant** | Rijk Zwaan Zaadteelt en Zaadhandel B.V. |
| **Agent** | Spruson & Ferguson |
| **Qualified Person** | Michael Christie |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Netherlands (the) |
| **Overseas Data Reference Number** | TMT4283 |
| **Location** | Naktuinbouw, ROELOFARENDSVEEN, the Netherlands |
| **Descriptor** | TG/44/11 Rev. 3 Tomato |
| **Period** | 2024 - 2025 |
| **Conditions** | according to technical protocol |
| **Trial Design** | according to technical protocol |
| **Measurements** | according to technical protocol |
| **RHS Chart - edition** | n/a |

**Origin and Breeding**

Controlled pollination: Lines from the existing breeding program are crossed with ToBRFV resistant material and with marker selection and traditional breeding techniques made into stable (new) parent lines. Observations for this variety were first made in 2021 at De Lier, the Netherlands.

Breeder: Rijk Zwaan Tomato breeding department (Rijk Zwaan Zaadteelt en Zaadhandel B.V., Burgemeester Crezéelaan 40, De Lier, 2678 KX, the Netherlands).

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | green shoulder (before maturity) | present |
| Fruit | green stripes (before maturity) | absent |
| Fruit | size | very small |
| Fruit | number of locules | two and three |
| Fruit | colour at maturity | red |
| Peduncle | abscission layer | present |
| Plant | growth type | indeterminate |
| Resistance to | Meloidogyne incognita (Mi) | highly resistant |
| Resistance to | Verticillium sp. (Va and Vd) race 0 | absent |

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

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

| Variety | Comment |
|---|---|
| **'Tresetto'** | |

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

| | Plant/Organ Part: Context | 'PARISETTO' | 'Tresetto' |
|---|---|---|---|
| | Seedling - anthocyanin colouration of hypocotyl (seed-propagated varieties only) | present | |
| | *Plant - growth type | indeterminate | |
| | Stem - anthocyanin colouration | weak | |
| | Stem - length of internode (varieties with plant growth type indeterminate only) | medium | |
| | *Leaf - attitude | horizontal to semi-drooping | |
| | Leaf - length | long | |
| | Leaf - width | medium | |
| | *Leaf - type of blade | bipinnate | |
| | Leaf - size of leaflets | medium | |
| | Leaf - intensity of green colour | medium | |
| | Leaf - glossiness | weak | |
| | Leaf - blistering | weak | |
| | Inflorescence - type | equally uniparous and multiparous | |
| | *Flower - colour | yellow | |
| | Flower - pubescence of style | present | |
| | *Peduncle - abscission layer | present | |
| | *Fruit - green shoulder (before maturity) | present | |
| | Fruit - extent of green shoulder (before maturity) | small to medium | |

| | | | |
|---|---|---|---|
| | Fruit - intensity of green colour of shoulder (before maturity) | medium to dark | |
| | *Fruit - intensity of green colour excluding shoulder (before maturity) | light | |
| | Fruit - green stripes (before maturity) | absent | |
| | *Fruit - size | very small | |
| | *Fruit - ribbing at peduncle end | absent or very weak | |
| | Fruit - depression at peduncle end | absent or very weak | |
| | Fruit - size of peduncle scar | very small | |
| | Fruit - size of blossom scar | very small | |
| | Fruit - shape at blossom end | indented | |
| | Fruit - diameter of core in cross section in relation to total diameter | small | |
| | Fruit - thickness of pericarp | very thin | |
| | *Fruit - number of locules | two and three | |
| | *Fruit - colour (at maturity) | red | |
| | *Fruit - colour of flesh (at maturity) | red | |
| | Fruit - glossiness of skin | medium | |
| | *Fruit - firmness | firm | |
| **X** | Time of - flowering | early | early to medium |
| | *Resistance to - Meloidogyne incognita (Mi) | highly resistant | |
| | *Resistance to - Verticillium sp. (Va and Vd) – Race 0 | absent | |
| | Resistance to - Fusarium oxysporum f. sp. radicis lycopersici (Forl) | absent | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group D | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group E | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Race 0 | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group C | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group B | present | |
| | Resistance to - Fulvia fulva (Ff) (ex Cladosporium fulvum) – Group A | present | |
| **X** | Leaf - attitude of petiole of leaflet in relation to main axis | horizontal | semi-erect to horizontal |
| **X** | *Fruit - shape in longitudinal section | obovate | cylindric |

| | | | |
|---|---|---|---|
| | *Time of - maturity | very early to early | |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'PARISETTO' | 'Tresetto' |
|---|---|---|---|
| | Fruit : ratio length/diameter | large | |
| | Peduncle : length | medium to long | |
| | Plant : height | medium to high | |
| | Resistance to : Fusarium oxysporum f. sp. lycopersici (Fol), race 0EU/1US | present | |
| | Resistance to : Fusarium oxysporum f. sp. lycopersici (Fol), race 1EU/2US | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 0 | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 1 | present | |
| | Resistance to : Tomato Mosaic Virus (ToMV), strain 2 | present | |
| | Resistance to : Tomato Spotted Wilt Virus (TSWV), strain 0 | absent | |

First Sold in Australia as Parisetto (72-MP0033 RZ) on 15 August 2024.
First Sold as Parisetto (72-MP0033 RZ) on 25 October 2022 in Canada.

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



Tomato (Solanum lycopersicum L.) variety "PARISETTO"

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/170 |
| **Variety Name** | 'GIA Colombo' |
| **Genus Species** | *Lens culinaris* |
| **Common Name** | Lentil |
| **Accepted Date** | 2025-11-08 |
| **Applicant** | Materne Family Trust, Quantong, VIC. |
| **Qualified Person** | Michael Materne |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Blair Farms, Horsham, Victoria, Australia. |
| **Descriptor** | TG/210/1 Lentil |
| **Period** | 01/07/25 to 20/12/25 |
| **Conditions** | The comparative trial for 'GIA Colombo' was sown in Winter, on a Wimmera grey clay soil, in a temperate climatic region, under dryland conditions. Fertiliser was applied at sowing and weeds were controlled using herbicides and hand weeding. |
| **Trial Design** | Split plot design with with 3 replications. Herbicides were allocated as main plots and varieties as plots. Plots were 6 rows, 8m long and 1.80m wide plots with a row spacing of 22.5cm. |
| **Measurements** | Key discriminators Herbicide: Resistance to Imidazolinone herbicides Dry seed: 100 grain weight Organ/Plant Part: Context *Cotyledon: colour Plant: habit *Plant: anthocyanin colouration *Plant: height Plant: intensity of ramification Leaf: shape Leaf: intensity of green colour Leaf: number of leaflets Leaflet: size Raceme: number of flowers per node Flower: size *Flower: colour of standard violet stripes of standard violet stripes of wings Pod: intensity of colour Pod: number of ovules *Pod: colour at dry harvest maturity *Pod: length at dry harvest maturity Pod: width Pod: shape of apex *Dry seed: width *Dry seed: profile in longitudinal section *Dry seed: number of colours *Dry seed: main colour of testa *Dry seed: weight *Time of: flowering Time of: maturity Characteristics Additional to the Descriptor/TG Organ/Plant Part: Context Plant: Early vigour Plant: Resistance to ascochyta - foliage Plant: Tolerance to vegetative frost Plant: Resistance to clopyralid Plant: lodging resistance maturity Plant: Resistance to metribuzin Plant: Resistance to diflufenican |
| **RHS Chart - edition** | 2015 |

**Origin and Breeding**

Spontaneous mutation or sport: Twenty kilograms of PBA Jumbo2 seed was treated with 0.1% Ethyl methanesulfonate under controlled conditions and washed with Sodium hypochlorite (NaOCl). M1

seed was sown at Blair Farms, Horsham, Victoria, Australia and harvested at maturity in 2015. A 0.1-hectare strip of M3 seed was sown in the field at Horsham in 2019 and seedlings treated with 24.75 g/ha of Imazamox and 11.25 g/ha Imazapyr. Seedlings that survived, remained green and had unaffected growing points were transplanted into pots and grown to maturity in a controlled environment facility at Global Grain Genetics, Quantong, Victoria, Australia. M3 seed of each selection were sown in 4m x 1.75m plots at Horsham in 2020 and treated with 24.75 g/ha of Imazamox and 11.25 g/ha Imazapyr prior to canopy closure. GIA Colombo was selected for further evaluation based on homozygous tolerance to Imidazolinone herbicides, vigour, phenological characteristics, disease resistance, biomass, grain yield and large seed size. GIA Colombo was evaluated by Global Grain Genetics in Victoria and South Australia from 2020 to 2024 and selected for release based on tolerance to Sulphonylurea, Imidazolinone and diflufenican herbicides, disease resistance, agronomic and phenological characteristics, grain yield and large seed size. Pure seed production of GIA Colombo was initiated in 2022.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| *Cotyledon | colour | Orange |
| *Dry seed | weight | High |
| *Dry seed | width | Broad |
| *Time of | flowering | Medium to late |

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

| Variety | Comment |
|---|---|
| **'GIA Leader'** | Most similar Imidazolinone resistant variety |
| **'PBA Jumbo2'** | Only parental variety and thus most genetically similar to 'GIA Colombo' |

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

| | Plant/Organ Part: Context | 'GIA Colombo' | 'GIA Leader' | 'PBA Jumbo2' |
|---|---|---|---|---|
| | *Cotyledon - colour | orange | orange | orange |
| | *Plant - height | medium | medium | medium |
| | Plant - intensity of ramification | medium | medium | medium |
| | Leaf - shape | ovate | ovate | ovate |
| | *Plant - anthocyanin colouration | absent | absent | absent |
| | Leaf - intensity of green colour | medium to dark | medium to dark | medium |
| | Leaf - number of leaflets | medium | medium | medium |
| | Leaflet - size | medium to large | medium | medium to large |
| | Raceme - number of flowers per node | two to three | two to three | two to three |
| | Flower - size | medium | medium | medium |
| | Flower - violet stripes of standard | present | present | present |

| | | | | |
|---|---|---|---|---|
| | *Flower - colour of standard | white | white | white |
| | Flower - violet stripes of wings | absent | absent | absent |
| | Pod - intensity of colour | medium | medium | medium |
| | Pod - number of ovules | one to two | one to two | one to two |
| | *Pod - colour at dry harvest maturity | yellow | yellow | yellow |
| | Pod - width | broad | broad | broad |
| | *Pod - length at dry harvest maturity | medium to long | medium | medium to long |
| | Pod - shape of apex | truncate | truncate | truncate |
| | *Dry seed - width | broad | medium | broad |
| | *Dry seed - profile in longitudinal section | elliptic | elliptic | elliptic |
| | *Dry seed - number of colours | one | one | one |
| | *Dry seed - main colour of testa | ochre | ochre | ochre |
| | *Time of - flowering | medium to late | medium to late | medium to late |
| | Time of - maturity | medium to late | medium to late | medium to late |
| **X** | *Dry seed - weight | high | medium | high |
| | Plant - habit | erect to semi-erect | semi-erect | semi-erect to horizontal |

**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'GIA Colombo' | 'GIA Leader' | 'PBA Jumbo2' |
|---|---|---|---|---|
| **X** | Plant : Resistance to imidazolinone | Present | Present | Absent |
| | Plant : Resistance to diflufenican herbicide | Moderate | Weak | Weak |

**Statistical Table**

| | Plant/Organ Part: Context | 'GIA Colombo' | 'GIA Leader' | 'PBA Jumbo2' |
|---|---|---|---|---|
| **X** | *Dry seed : 100 grain weight (grams/100seed)<br>Mean<br>Std Deviation<br>Lsd/sig | 5.36<br><br>0.24 (p>f - 0000) | 4.71<br><br>0.24 (p>f - 0000)<br>0.65 | 5.18<br><br>0.24 (p>f - 0000)<br>0.18 |

**Prior Applications and Sales**

Nil

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




GIA Colombo (left) displaying a resistant response to the Imidazolinone herbicide Intercept applied post emergence at 750 ml/hectare compared to a susceptible response in PBA Jumbo2 (right)

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/190 |
| **Variety Name** | 'KARDIN' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Accepted Date** | 2025-11-28 |
| **Applicant** | Nunhems Netherlands B.V., Nunhem, The Netherlands |
| **Agent** | Spruson & Ferguson, Sydney, NSW |
| **Qualified Person** | John Oates |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Tyabb Victoria |
| **Descriptor** | TG/13/11 Rev. 4 Lettuce |
| **Period** | April - July 2026 |
| **Conditions** | Commercial growing conditions raised bed, sandy loam, overhead irrigation as needed |
| **Trial Design** | Trial Descriptors: In field; In open beds; As rows; Irrigated; In full sun; As spaced plants<br>Design of Trial: Randomised Block Design<br>Number of Replications: One<br>Row Spacing: 40cms<br>Plant Spacing: 40cms<br>Pot Diameter:<br>Date Sown/Propagated: 08/04/2026<br>Development Stage: Harvest maturity |
| **Measurements** | As perUPOV Technical guidelines |
| **RHS Chart - edition** | 6th Edition 2015 |

**Origin and Breeding**

Controlled Pollination: After the initial cross, plants were selected based on a pedigree method scheme.
The goal was focusing on the type and resistance to develop NUN 00264 LTL. The variety has been selfed to S9. As lettuce is open-pollinated, every selfing will produce the variety again.

Breeder - Juan Francisco Muñoz Muñoz, Nunhems Netherlands B.V., Nunhem, The Netherlands

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | anthocyanin colouration | absent |
| Plant | Type | Iceberg |

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

| Variety | Comment |
|---|---|
| **'Botiola'** | |
| **'Winterfell'** | |

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

| | Plant/Organ Part: Context | 'KARDIN' | 'Botiola' | 'Winterfell' |
|---|---|---|---|---|
| **X** | Leaf - undulation of margin | strong | medium | strong |
| | Plant - degree of overlapping of upper part of leaves | strong | strong | strong |
| | Leaf - attitude | horizontal | horizontal | horizontal |
| | Leaf - number of divisions | absent or very few | absent or very few to few | absent or very few to few |
| **X** | Leaf - density of incisions of margin | medium | sparse to medium | sparse |
| | Leaf - venation | flabellate | flabellate | flabellate |
| | Head - shape in longitudinal section | narrow oblate | narrow oblate | narrow oblate |
| **X** | Head - size | medium | large | medium to large |
| | Time of maturity of harvest - Context | medium | medium | medium |
| | Axillary sprouting - Context | absent or weak | absent or weak | absent or weak |
| | Leaf - longitudinal section | concave | concave | concave to flat |
| | Leaf - anthocyanin colouration | absent or very weak | absent or very weak | absent or very weak |
| | Leaf - colour | green | green | green |
| | Leaf - shape | obovate | obovate | medium elliptic |
| | Leaf - shape of apex | rounded | rounded | rounded |
| | Plant - diameter | large | large | large |
| | Plant - number of leaves | medium to many | medium | medium to many |
| | Leaf - intensity of green colour | medium | medium | medium |
| | Leaf - glossiness of upper side | strong | strong | strong |
| | Leaf - thickness | medium | medium | medium |
| | Leaf - type of incisions of margin | crenate | crenate | crenate |
| **X** | Leaf - depth of incisions of margin | deep | shallow | shallow to medium |
| | Head - density | dense to very dense | dense to very dense | dense to very dense |
| **X** | Leaf - blistering | medium | strong to very strong | strong to very strong |
| **X** | Leaf - size of blisters | medium | medium to large | large |

**Characteristics Additional to the Descriptor/TG**

| Plant/Organ Part: Context | 'KARDIN' | 'Botiola' | 'Winterfell' |
|---|---|---|---|

First Sold in Australia as KARDINEL on 15 July 2025.

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



Kardin 2025190 (left), Winterfell (centre) and Botiola (right) showing differences in blistering size.listering compare

**Details of Application**

| | |
|---|---|
| **Application Number** | 2025/236 |
| **Variety Name** | 'C16-101' |
| **Genus Species** | *Vaccinium corymbosum* hybrid |
| **Common Name** | Blueberry |
| **Accepted Date** | 2026-03-23 |
| **Applicant** | Costa Berry International Pty Ltd; Florida Foundation Seed Producers Inc |
| **Agent** | |
| **Qualified Person** | Jessica Scalzo |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | |
| **Descriptor** | TG/137/5 Rev. Blueberry |
| **Period** | |
| **Conditions** | |
| **Trial Design** | Trial Descriptors:<br>Design of Trial:<br>Number of Replications:<br>Row Spacing:<br>Plant Spacing:<br>Pot Diameter:<br>Date Sown/Propagated:<br>Development Stage: |
| **Measurements** | |
| **RHS Chart - edition** | |

**Origin and Breeding**

Breeding Procedure

Date(s) Observation were first made: The variety was first observed in 2016 after being selected from a seedling population

Location Observations were first made: at the Costa Berry International Pty Ltd testing plots trials located at Corindi Beach, NSW

Details about where other work was conducted:

Number of cycles of selection: 1

Main selection criteria used to develop variety: selection based on phenotype

Mode of propagation: Vegetative

Seed Propagation Method:

Vegetative Propagation Method: OtherUnknown

Name of rootstock candidate is grafted/budded:

Number of generations variety has been maintained: 1

Occurrence of off types: No

Procedure used in developing variety: The new variety 'C16-101' originated from a cross of 'C12-016' (unpatented seed

parent) and the variety known as ‘C10-024’ (unpatented pollen parent).

The cross was made in 2014 in Australia (Corindi Beach, New South Wales) and the seed was sown and grown at the Costa berry farm in Corindi Beach, New South Wales, Australia.

The new variety was selected in 2016 from among plants located on land at Corindi Beach and assigned the breeding code ‘C16-101’. Since then, plants of ‘C16-101’ were propagated by cuttings for further evaluation and confirmed to be uniform and stable.

Asexual reproduction of the new variety ‘C16-101’ by cutting propagation since 2016 at Corindi Beach, New South Wales, Australia has demonstrated that the new variety reproduces true to type plants.

The new variety was selected for its strong retention of leaves during the winter (evergreen), for the ability to produce high quality berries during the year.

The new variety was subsequently evaluated for six years at the Costa commercial farms at Corindi Beach, New South Wales, Australia.

Origin and Breeding System
Origin of Variety: Controlled Pollination
Species Breeding System: Cross Pollinated
Variety genetically modified: False
Gene technology regulator licence number:
Date of licence:

Breeder - Costa Berry International Pty Ltd, Docklands, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | shape of corolla | urceolate |
| Leaf | shape | elliptic |
| Plant | fruiting type | on one-year-old and current season shoots |

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

| Variety | Comment |
|---|---|
| **‘C12-069’** | |
| **‘C14-409’** | |

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

| | Plant/Organ Part: Context | 'C16-101' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| | Plant - vigor | medium | medium | very strong |
| | Plant - growth habit | semi-upright | upright | semi-upright |
| | One-year-old shoot - colour | greenish red | reddish yellow | green |
| | One-year-old shoot - length of internode | short | short to medium | short to medium |
| | Leaf - length | long | long | very long |
| | Leaf - width | narrow to medium | medium to broad | medium to broad |
| | Leaf - ratio length/width | low to medium | low to medium | low to medium |
| | Leaf - shape | elliptic | elliptic | elliptic |
| | Leaf - colour of upper side | dark green | dark green | dark green |
| | Leaf - margin | entire | entire | entire |
| | Leaf - glaucosity on upper side | absent or weak | absent or weak | absent or weak |
| | Flower bud - anthocyanin colouration | strong | strong | medium |
| | Inflorescence - length | medium | short | medium |
| | Flower - shape of corolla | urceolate | urceolate | urceolate |
| | Flower - size of corolla tube | large | large | medium to large |
| | Flower - colour of corolla tube | white | white | white |
| | Flower - anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak | absent or very weak |
| | Flower - conspicuousness of ridges on corolla tube | absent or weak | medium | strong |
| | Flower - colour of receptacle | green | green | green |
| | Infructescence - density | sparse to medium | sparse to medium | sparse |
| | Unripe fruit - intensity of green colour | light to medium | medium to dark | medium |
| | Fruit - shape in longitudinal section | oblate | oblate | oblate |
| | Fruit - attitude of sepals | straight | incurved | straight |
| | Fruit - diameter of calyx basin | small to medium | small | small |
| | Fruit - depth of calyx basin | medium | absent or shallow | medium |
| | Fruit - intensity of bloom | medium | strong to very strong | strong |
| | Fruit - colour of skin | dark blue | dark blue | dark blue |
| | Fruit - firmness | medium | firm | medium |
| | Fruit - sweetness | low | medium | medium |
| | Fruit - acidity | medium | low to medium | medium to high |
| | Plant - fruiting type | on one-year-old and current season shoots | on one-year-old and current season shoots | on one-year-old and current season shoots |

| | | | | |
|---|---|---|---|---|
| | Time of beginning of - vegetative growth | very early | medium | medium |
| | Time of beginning of - flowering on one-year old shoot | very early | early | early to medium |
| | Time of beginning of - flowering on current season's shoot | very early | early to medium | very early to early |
| | Time of beginning of - fruit ripening on current season's shoot | very early | very early | medium |
| **X** | Fruit - size | medium to large | very large | medium to large |

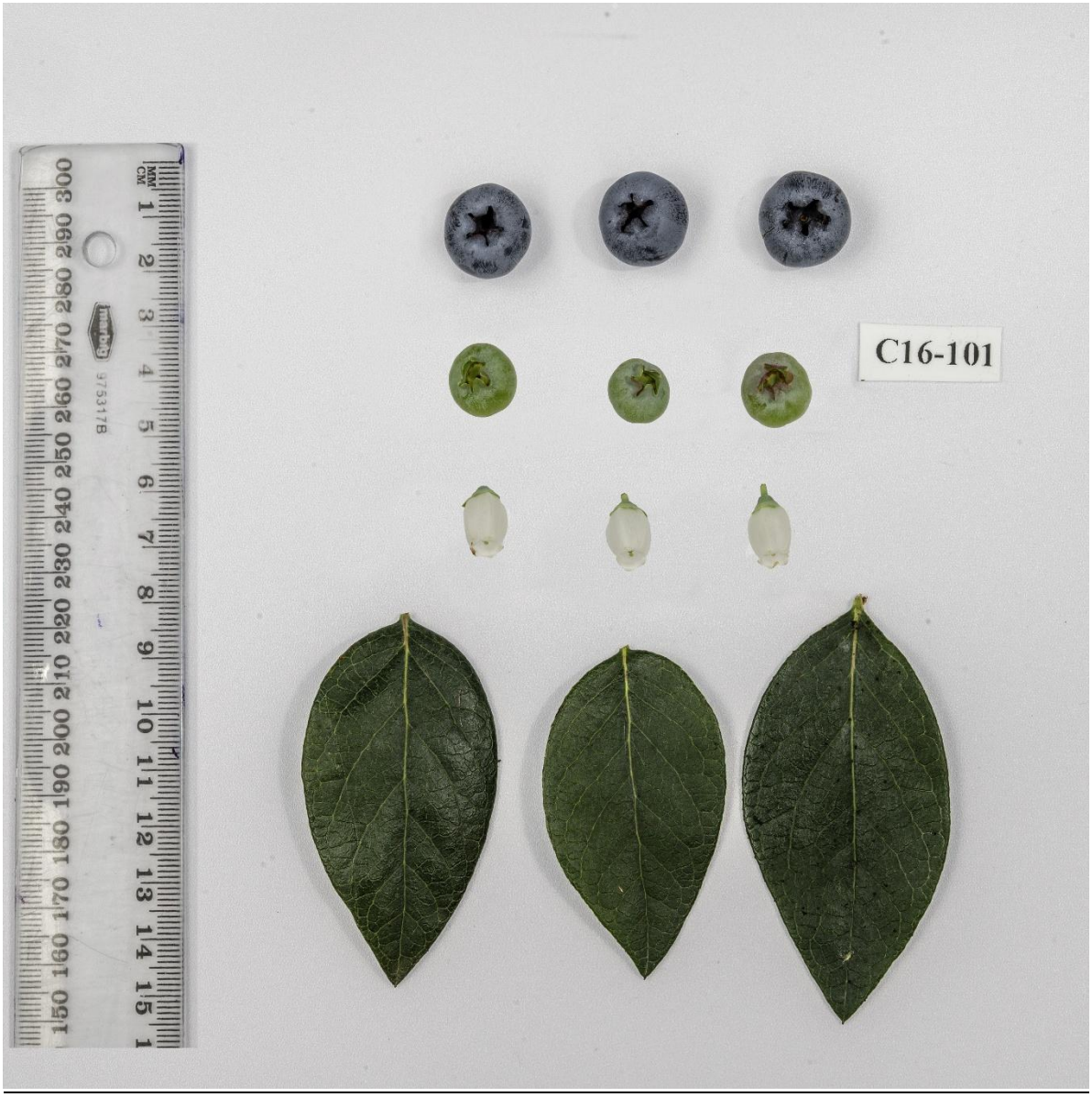
**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'C16-101'** | **'C12-069'** | **'C14-409'** |
|---|---|---|---|---|
| | Flower : colour of corolla tube | white group, similar to NN155B | White group NN155B | White group NN155C |
| | leaf : colour of upper side | Green group N137A | Yellow-Green group 147A | Green group N137A |
| | unripe fruit : intensity of green colour | Yellow-Green group 147C | Green group 143C | Green group similar to 138B and 138C |

**Statistical Table**

| | **Plant/Organ Part: Context** | **'C16-101'** | **'C12-069'** | **'C14-409'** |
|---|---|---|---|---|
| **X** | Fruit : size (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>18.21<br><br>P≤0.01 | <br>20.68<br><br>P≤0.01 | <br>17.42<br><br>ns |
| **X** | Fruit : Firmness (g/mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>244.1<br><br>P≤0.01<br><br>Firmtech | <br>267.2<br><br>P≤0.01<br><br>Firmtech | <br>250<br><br>ns<br><br>Firmtech |

**Description: Jessica Scalzo,** Corindi Beach, NSW




C16-101 - Botanical parts

**Details of Application**

| | |
|---|---|
| **Application Number** | 2026/003 |
| **Variety Name** | 'DPI282' |
| **Genus Species** | *Cajanus cajan* |
| **Common Name** | Pigeonpea |
| **Accepted Date** | 2026-02-23 |
| **Applicant** | International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Telangana, India |
| **Agent** | The State of Queensland acting through the Department of Primary Industries, Toowoomba, QLD, Australia |
| **Qualified Person** | Bruce Winter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Leslie Research Facility, Toowoomba, Queensland. |
| **Descriptor** | PBR CAJ Pigeon Pea |
| **Period** | December 2025 - May 2026. |
| **Conditions** | The trial was sown into a well-prepared seedbed in a Ferrosol soil at Leslie Research Facility, Toowoomba, Qld on 2 December 2025. The trial was well fertilised and conducted under irrigated conditions. The trial was maintained in a weed-free state throughout the season. Insecticide (Vantacor®) was applied on two occasions during the flowering period for control of corn earworm. |
| **Trial Design** | The trial consisted of five replications of each variety in a randomised block design. Each plot was a single row 10m long with single plants spaced at approximately 15cm within the row, and a row spacing of 1 metre. |
| **Measurements** | Metric characters were measured on 10 consecutive plants in each plot, but the same plants were not necessarily used for each character. Plot means were analysed using the ANOVA procedure in Genstat v22 to test for significance. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: Crosses were made in 2011 at ICRISAT in India using MN8 as a maternal parent and pollen from ICPL 85010 as the male parent. Selections were taken from the F2 segregating population from this cross, and these selections were evaluated in India during the subsequent years. The variety DPI282 was included in a set of experimental lines from ICRISAT imported into Australia through post-entry quarantine by QDPI in 2020. This variety was increased and included in three years of regional trials in southern and central Queensland from 2023 - 2026. DPI282 was selected for commercial release on the basis of grain yield, super-early maturity and short plant height. Breeder: Dr Anupama Hingane, formerly ICRISAT, India.

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | Growth type | Determinant |

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

| Variety | Comment |
|---|---|
| **'Quest'** | Public variety, no PBR, University of Queensland released in 1990 |
| **'Sunrise'** | Public variety, excluded due to indeterminate plant type |
| **'WS Sprint'** | Has PBR 'Accepted' status in Australia at time of application |

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

| | Plant/Organ Part: Context | 'DPI282' | 'Quest' | 'WS Sprint' |
|---|---|---|---|---|
| | Plant - growth habit | erect | erect | erect |
| | Plant - growth type | determinate | semi-indeterminate | determinate |
| X | Plant - number of branches per main stem | few (<10) | medium (10 - 20) | medium (10 - 20) |
| | Plant - pod bearing habit | near top | near top | near top |
| | Stem - colour | purple | green | green |
| X | Leaf - shape of terminal leaflet | lanceolate | oblanceolate | oblanceolate |
| X | Leaf - length of terminal leaflet | short | long | medium |
| X | Leaf - width of terminal leaflet | short | long | medium |
| X | Petiole - length | short | medium | medium |
| | Leaf - intensity of green colour | medium green | medium green | medium green |
| | Flower - main colour (all petals) | yellow | yellow | yellow |
| | Flower - presence of secondary colour on dorsal side of standard petal | present | present | present |
| X | Standard Petal - pattern of secondary colour on dorsal side (if present) | medium streaks | dense streaks | medium streaks |
| | Flower - secondary colour on wing petals and keel petal | no secondary colour | no secondary colour | no secondary colour |
| | Pod - number of pods per plant | few (<50) | medium (50-75) | medium (50-75) |
| | Pod - colour | light green | light green | dark green |

| | | | | |
|---|---|---|---|---|
| | Seed - shape | globose | globose | globose |
| X | Seed - main colour | light brown (22C) | cream (greyed white 156C) | cream (greyed white 156C) |
| | Seed - presence of eye colour (colour around hilum) | present | present | present |
| | Seed - eye size (when eye colour present) | narrow | medium | medium |
| X | Seed - presence of secondary colour | absent | present | present |
| X | 100 seed weight - Context | low (9-12 g) | high (15-18 g) | medium (12-15 g) |
| X | Time of flowering (50% of plants) - Context | very early (<50 d) | medium (60-70 d) | medium (60-70 d) |

**Statistical Table**

| | Plant/Organ Part: Context | 'DPI282' | 'Quest' | 'WS Sprint' |
|---|---|---|---|---|
| X | Plant : height (cm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>56<br>2.5<br>5.8 | <br>89<br>4.9<br>P≤0.01 | <br>83<br>3.5<br>P≤0.01 |
| X | Plant : time of flowering (50% of plants) (days)<br>Mean<br>Std Deviation | <br>48<br>0.5<br>2.0 | <br>65<br>0.9<br>P≤0.01 | <br>61<br>1.3<br>P≤0.01 |
| X | Plant : time of maturity (80% of plants) (days)<br>Mean<br>Std Deviation | <br>100<br>0.9<br>12.7 | <br>130<br>1.3<br>P≤0.01 | <br>120<br>0.7<br>P≤0.01 |
| X | Pod : length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>58<br>1.9<br>6.1 | <br>75<br>2.1<br>P≤0.01 | <br>65<br>0.6<br>P≤0.01 |
| X | Pod : number of seeds per pod () | 3.7 | 5.2 | 4.7 |
| | Mean<br>Std<br>Deviation | 0.2<br>0.4 | 0.3<br>P≤0.01 | 0.1<br>P≤0.01 |
| X | Seed : 100 seed weight (g)<br>Mean<br>Std Deviation<br>Lsd/sig | <br>10.1<br>0.6<br>1.1 | <br>17.2<br>0.2<br>P≤0.01 | <br>15.0<br>0.6<br>P≤0.01 |

**Prior Applications and Sales**

Nil

**Description: Bruce Winter,** Toowoomba, QLD




Photo of 2026-003 'DPI282' with ‘WS Sprint’ and ‘Quest’, showing plants, flowers, pods and seeds.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2026/027 |
| **Variety Name** | 'C19-119' |
| **Genus Species** | *Vaccinium corymbosum* hybrid |
| **Common Name** | Blueberry |
| **Accepted Date** | 2026-03-31 |
| **Applicant** | Florida Foundation Seed Producers Inc; Costa Berry International Pty Ltd |
| **Agent** | |
| **Qualified Person** | Jessica Scalzo |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | Corindi Beach |
| **Descriptor** | TG/137/5 Rev. Blueberry |
| **Period** | |
| **Conditions** | |
| **Trial Design** | Trial Descriptors:<br>Design of Trial:<br>Number of Replications: 1<br>Row Spacing: 2.5m<br>Plant Spacing: 0.7m<br>Pot Diameter: 18L<br>Date Sown/Propagated:<br>Development Stage: |
| **Measurements** | |
| **RHS Chart - edition** | Fifth Edition |

**Origin and Breeding**

Breeding Procedure

Date(s) Observation were first made: observed in 2019, after being selected from a seedling population

Location Observations were first made: at the Costa Berry International Pty Ltd testing plots trials, located at Corindi Beach, NSW

Details about where other work was conducted:

Number of cycles of selection: 1

Main selection criteria used to develop variety: selection based on phenotype

Mode of propagation: Vegetative

Seed Propagation Method:

Vegetative Propagation Method: cuttings

Name of rootstock candidate is grafted/budded:

Number of generations variety has been maintained: 1

Occurrence of off types: None

Procedure used in developing variety: The new variety 'C19-119' originated from a cross of 'Arana' (breeding code

C00-09, patented seed parent) and the variety known as ‘C14-675’ (unpatented pollen parent).

The cross was made in 2017 in Australia (Corindi Beach, New South Wales) and the seed was sown and grown at the Costa berry farm in Corindi Beach, New South Wales, Australia.

The new variety was selected in 2019 from among plants located on land at Corindi Beach and assigned the breeding code ‘C19-119’. Since then, plants of ‘C19-119’ were propagated by cuttings for further evaluation and confirmed to be uniform and stable.

Asexual reproduction of the new variety ‘C19-119’ by cutting propagation since 2019 at Corindi Beach, New South Wales, Australia has demonstrated that the new variety reproduces true to type plants.

The new variety was selected for its strong retention of leaves during the winter (evergreen), for the ability to produce high quality berries of large fruit size during the year.

The new variety was subsequently evaluated for six years at the Costa commercial farms at Corindi Beach, New South Wales, Australia.

Origin and Breeding System
Origin of Variety: Controlled Pollination
Species Breeding System: Cross Pollinated
Variety genetically modified: False
Gene technology regulator licence number:
Date of licence:

Breeder - Costa Berry International Pty Ltd, Corindi, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | shape of corolla | Urceolate |
| Leaf | shape | Elliptic |
| Plant | Fruiting type | on one-year-old and current season shoots |

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

| Variety | Comment |
|---|---|
| **‘C12-069’** | |
| **‘C14-409’** | |

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

| | Plant/Organ Part: Context | 'C19-119' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| X | Fruit - size | very large | very large | medium to large |
| X | Fruit - firmness | very firm | firm | medium |
| | Plant - vigor | strong | medium | very strong |
| | Plant - growth habit | semi-upright | upright | semi-upright |
| | One-year-old shoot - colour | greenish red | reddish yellow | green |
| | One-year-old shoot - length of internode | short to medium | short to medium | short to medium |
| | Leaf - length | very long | long | very long |
| | Leaf - width | medium to broad | medium to broad | medium to broad |
| | Leaf - ratio length/width | low to medium | low to medium | low to medium |
| | Leaf - shape | elliptic | elliptic | elliptic |
| | Leaf - colour of upper side | dark green | dark green | dark green |
| | Leaf - margin | entire | entire | entire |
| | Leaf - glaucosity on upper side | absent or weak | absent or weak | absent or weak |
| | Flower bud - anthocyanin colouration | medium | strong | medium |
| | Inflorescence - length | medium | short | medium |
| | Flower - shape of corolla | urceolate | urceolate | urceolate |
| | Flower - size of corolla tube | medium to large | large | medium to large |
| | Flower - colour of corolla tube | white | white | white |
| | Flower - anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak | absent or very weak |
| | Flower - conspicuousness of ridges on corolla tube | medium | medium | strong |
| | Flower - colour of receptacle | green | green | green |
| | Infructescence - density | sparse to medium | sparse to medium | sparse |
| | Unripe fruit - intensity of green colour | medium | medium to dark | medium |
| | Fruit - shape in longitudinal section | oblate | oblate | oblate |
| | Fruit - attitude of sepals | incurved | incurved | straight |
| | Fruit - diameter of calyx basin | medium | small | small |
| | Fruit - depth of calyx basin | deep | absent or shallow | medium |
| | Fruit - intensity of bloom | medium | strong to very strong | strong |
| | Fruit - colour of skin | dark blue | dark blue | dark blue |
| | Fruit - sweetness | high | medium | medium |
| | Fruit - acidity | medium | low to medium | medium to high |
| | Plant - fruiting type | on one-year-old and current season shoots | on one-year-old and current season shoots | on one-year-old and current season shoots |

| | | | | |
|---|---|---|---|---|
| | Time of beginning of - vegetative growth | medium | medium | medium |
| | Time of beginning of - flowering on one-year old shoot | medium | early | early to medium |
| | Time of beginning of - flowering on current season's shoot | early | early to medium | very early to early |
| | Time of beginning of - fruit ripening on one year- old shoot | early to medium | early to medium | medium |
| | Time of beginning of - fruit ripening on current season's shoot | early | very early | medium |

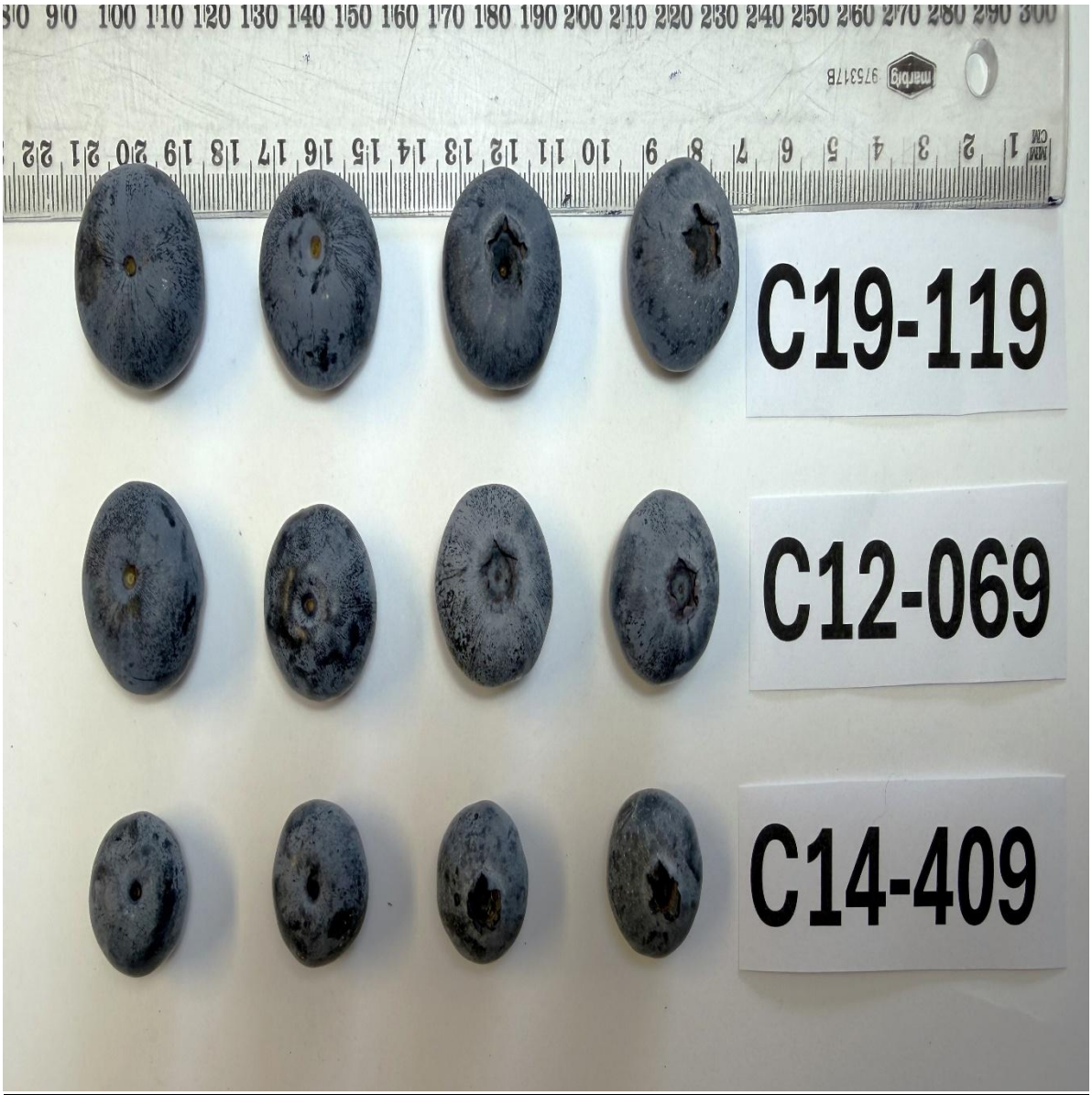
**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'C19-119' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| | Flower : colour of corolla tube | white group, similar to NN155C | White group NN155B | White group NN155C |
| | leaf : colour of upper side | Green group 139A | Yellow-Green group 147A | Green group N137A |
| | Unripe fruit : intensity of green colour | Yellow-Green group 146C | Green group 143C | Green group similar to 138B and 138C |

**Statistical Table**

| | Plant/Organ Part: Context | 'C19-119' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| X | Fruit : size (g)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>4.25<br><br>P≤0.01 | <br>4.49<br><br>ns | <br>2.48<br><br>P≤0.01 |
| X | Fruit : size (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>19.21<br><br>P≤0.01 | <br>20.69<br><br>ns<br><br>caliper | <br>17.42<br><br>P≤0.01<br><br>caliper |
| X | Fruit : Firmness (g/mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>331.2<br><br>P≤0.01 | <br>267.2<br><br>P≤0.01<br><br>FirmTech | <br>250<br><br>P≤0.01<br><br>FirmTech |

**Description: Jessica Scalzo,** Corindi Beach, NSW




C19-119 fruit

**Details of Application**

| | |
|---|---|
| **Application Number** | 2026/033 |
| **Variety Name** | 'C19-138' |
| **Genus Species** | *Vaccinium corymbosum* hybrid |
| **Common Name** | Blueberry |
| **Accepted Date** | 2026-05-12 |
| **Applicant** | Costa Berry International Pty Ltd |
| **Agent** | |
| **Qualified Person** | Jessica Scalzo |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | |
| **Descriptor** | TG/137/5 Rev. Blueberry |
| **Period** | |
| **Conditions** | |
| **Trial Design** | Trial Descriptors:<br>Design of Trial:<br>Number of Replications: 6 plants<br>Row Spacing:<br>Plant Spacing:<br>Pot Diameter: 18L<br>Date Sown/Propagated:<br>Development Stage: |
| **Measurements** | |
| **RHS Chart - edition** | fifth edition |

**Origin and Breeding**

Breeding Procedure

Date(s) Observation were first made: the variety was first observed in 2019, after being selected from a seedling population

Location Observations were first made: at the COsta Berry International Pty Ltd testing plots trials, located at Corindi Beach, NSW

Details about where other work was conducted:

Number of cycles of selection: 1

Main selection criteria used to develop variety: selection based on phenotype

Mode of propagation: Vegetative

Seed Propagation Method:

Vegetative Propagation Method: OtherUnknown

Name of rootstock candidate is grafted/budded:

Number of generations variety has been maintained: 1

Occurrence of off types: No

Procedure used in developing variety: The new variety 'C19-138' originated from a cross of 'C05-200'(unpatented seed
parent) and the variety known as 'Arana' (breeding code C00-09, patented pollen
parent).

The cross was made in 2017 in Australia (Corindi Beach, New South Wales) and the

seed was sown and grown at the Costa berry farm in Corindi Beach, New South Wales, Australia.

The new variety was selected in 2019 from among plants located on land at Corindi Beach and assigned the breeding code 'C19-138'. Since then, plants of 'C19-138' were propagated by cuttings for further evaluation and confirmed to be uniform and stable.

Asexual reproduction of the new variety 'C19-138' by cutting propagation since 2019 at Corindi Beach, New South Wales, Australia has demonstrated that the new variety reproduces true to type plants.

The new variety was selected for its strong retention of leaves during the winter (evergreen), for the ability to produce high yields, and high quality berries during the year.

The new variety was subsequently evaluated for six years at the Costa commercial farms at Corindi Beach, New South Wales, Australia.

Origin and Breeding System
Origin of Variety: Controlled Pollination
Species Breeding System: Cross Pollinated
Variety genetically modified: False
Gene technology regulator licence number:
Date of licence:

Breeder - Costa Berry International Pty Ltd, Corindi, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | shape of corolla | urceolate |
| Infructescence | density | sparse |
| Leaf | shape | elliptic |
| Plant | fruiting type | on one-year-old and current season shoots |

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

| Variety | Comment |
|---|---|
| **'C12-069'** | |
| **'C14-409'** | |

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

| | Plant/Organ Part: Context | 'C19-138' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| | Plant - vigor | very strong | medium | very strong |
| | Plant - growth habit | semi-upright | upright | semi-upright |
| | One-year-old shoot - colour | greenish red | reddish yellow | green |

| | | | | |
|---|---|---|---|---|
| | One-year-old shoot - length of internode | short to medium | short to medium | short to medium |
| X | Leaf - length | very long | long | very long |
| X | Leaf - width | broad | medium to broad | medium to broad |
| | Leaf - ratio length/width | low | low to medium | low to medium |
| | Leaf - shape | elliptic | elliptic | elliptic |
| | Leaf - colour of upper side | dark green | dark green | dark green |
| | Leaf - margin | entire | entire | entire |
| | Leaf - glaucosity on upper side | absent or weak | absent or weak | absent or weak |
| | Flower bud - anthocyanin colouration | medium | strong | medium |
| | Inflorescence - length | medium | short | medium |
| | Flower - shape of corolla | urceolate | urceolate | urceolate |
| | Flower - size of corolla tube | large | large | medium to large |
| | Flower - colour of corolla tube | white | white | white |
| | Flower - anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak | absent or very weak |
| | Flower - conspicuousness of ridges on corolla tube | strong | medium | strong |
| | Flower - colour of receptacle | green | green | green |
| | Infructescence - density | sparse to medium | sparse to medium | sparse |
| | Unripe fruit - intensity of green colour | light | medium to dark | medium |
| X | Fruit - size | very large | very large | medium to large |
| | Fruit - shape in longitudinal section | oblate | oblate | oblate |
| | Fruit - attitude of sepals | incurved | incurved | straight |
| | Fruit - diameter of calyx basin | small | small | small |
| | Fruit - depth of calyx basin | medium | absent or shallow | medium |
| | Fruit - intensity of bloom | strong | strong to very strong | strong |
| | Fruit - colour of skin | dark blue | dark blue | dark blue |
| | Fruit - firmness | medium | firm | medium |
| | Fruit - sweetness | high | medium | medium |
| | Fruit - acidity | low | low to medium | medium to high |
| | Plant - fruiting type | on one-year-old and current season shoots | on one-year-old and current season shoots | on one-year-old and current season shoots |
| | Time of beginning of - vegetative growth | medium | medium | medium |
| | Time of beginning of - flowering on one-year old shoot | early to medium | early | early to medium |
| | Time of beginning of - flowering on current season's shoot | early to medium | early to medium | very early to early |
| | Time of beginning of - fruit ripening on one year- old shoot | early to medium | early to medium | medium |

| | | | | |
|---|---|---|---|---|
| | Time of beginning of - fruit ripening on current season's shoot | early to medium | very early | medium |

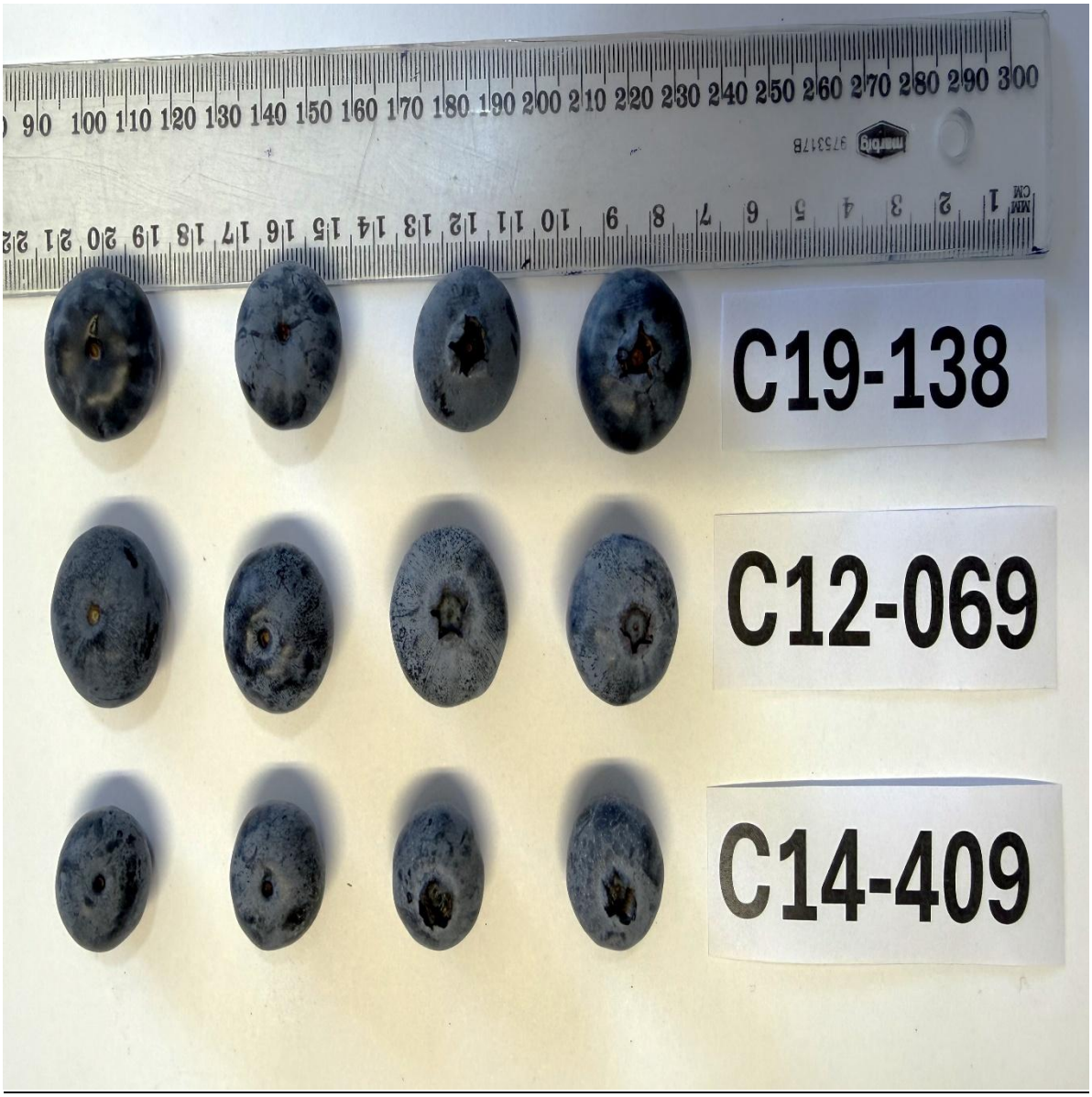
**Characteristics Additional to the Descriptor/TG**

| | Plant/Organ Part: Context | 'C19-138' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| | flower : colour of corolla tube | white group, similar to 155C | White group NN155B | white group, similar to NN155C |
| | leaf : colour of upper side | Green group N137A | yellow green group 147A | green group N137A |
| | unripe fruit : intensity of green colour | Yellow-Green group 144B | green group 143C | green group similar to 138B and 138C |

**Statistical Table**

| | Plant/Organ Part: Context | 'C19-138' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| X | Fruit : size (g)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>4.4<br><br>P≤0.01 | <br>4.5<br><br>ns | <br>2.5<br><br>P≤0.01 |
| X | Fruit : size (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>20.70<br><br>P≤0.01 | <br>20.68<br><br>ns | <br>17.42<br><br>P≤0.01 |
| | Leaf : length (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>78.34<br><br>P≤0.01 | <br>53.06<br><br>P≤0.01 | <br>61.45<br><br>P≤0.01 |
| | Leaf : width (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>44.7<br><br>P≤0.01 | <br>36.59<br><br>P≤0.01 | <br>36.73<br><br>P≤0.01 |

**Description: Jessica Scalzo,** Corindi Beach, NSW



**Details of Application**

| | |
|---|---|
| **Application Number** | 2026/034 |
| **Variety Name** | 'C18-153' |
| **Genus Species** | *Vaccinium corymbosum* hybrid |
| **Common Name** | Blueberry |
| **Accepted Date** | 2026-04-01 |
| **Applicant** | Costa Berry International Pty Ltd; Florida Foundation Seed Producers Inc |
| **Agent** | |
| **Qualified Person** | Jessica Scalzo |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | |
| **Overseas Data Reference Number** | |
| **Location** | |
| **Descriptor** | TG/137/5 Rev. Blueberry |
| **Period** | |
| **Conditions** | |
| **Trial Design** | Trial Descriptors:<br>Design of Trial:<br>Number of Replications:<br>Row Spacing:<br>Plant Spacing:<br>Pot Diameter:<br>Date Sown/Propagated:<br>Development Stage: |
| **Measurements** | |
| **RHS Chart - edition** | fifth edition |

**Origin and Breeding**

Breeding Procedure

Date(s) Observation were first made: the variety was first observed in 2018 after being selected from a seedling population

Location Observations were first made: at the Costa Berry International Pty Ltd testing plots trials located at Corindi Beach, NSW

Details about where other work was conducted:

Number of cycles of selection: 1

Main selection criteria used to develop variety: selection based on phenotype

Mode of propagation: Vegetative

Seed Propagation Method:

Vegetative Propagation Method: Othervegetative propagation

Name of rootstock candidate is grafted/budded:

Number of generations variety has been maintained: 1

Occurrence of off types: Nil

Procedure used in developing variety: see additional sheet

Origin and Breeding System

Origin of Variety: Controlled Pollination

Species Breeding System: Cross Pollinated
Variety genetically modified: False
Gene technology regulator licence number:
Date of licence:

Breeder - Costa Berry International Pty Ltd, Corindi, Australia

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

| Plant/Organ Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | shape of corolla | urceolate |
| Leaf | shape | elliptic |
| Plant | fruiting type | on one-year-old and current season shoots |

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

| Variety | Comment |
|---|---|
| **'C12-069'** | |
| **'C14-409'** | |

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

| | Plant/Organ Part: Context | 'C18-153' | 'C12-069' | 'C14-409' |
|---|---|---|---|---|
| X | Plant - vigor | weak | medium | very strong |
| | Plant - growth habit | semi-upright | upright | semi-upright |
| | One-year-old shoot - colour | reddish brown | reddish yellow | green |
| | One-year-old shoot - length of internode | short | short to medium | short to medium |
| | Leaf - length | medium to long | long | very long |
| | Leaf - width | medium to broad | medium to broad | medium to broad |
| | Leaf - ratio length/width | low | low to medium | low to medium |
| | Leaf - shape | elliptic | elliptic | elliptic |
| | Leaf - colour of upper side | dark green | dark green | dark green |
| | Leaf - margin | entire | entire | entire |
| | Leaf - glaucosity on upper side | absent or weak | absent or weak | absent or weak |
| | Flower bud - anthocyanin colouration | very strong | strong | medium |
| | Inflorescence - length | short | short | medium |
| | Flower - shape of corolla | urceolate | urceolate | urceolate |
| X | Flower - size of corolla tube | small | large | medium to large |
| | Flower - colour of corolla tube | white | white | white |
| | Flower - anthocyanin colouration of corolla tube on outer side | absent or very weak | absent or very weak | absent or very weak |
| | Flower - conspicuousness of ridges on corolla tube | strong | medium | strong |
| | Flower - colour of receptacle | green | green | green |

| | | | | |
|---|---|---|---|---|
| | Infructescence - density | sparse | sparse to medium | sparse |
| | Unripe fruit - intensity of green colour | medium | medium to dark | medium |
| X | Fruit - size | large | very large | medium to large |
| | Fruit - shape in longitudinal section | oblate | oblate | oblate |
| | Fruit - attitude of sepals | incurved | incurved | straight |
| | Fruit - diameter of calyx basin | medium | small | small |
| | Fruit - depth of calyx basin | absent or shallow | absent or shallow | medium |
| | Fruit - intensity of bloom | medium | strong to very strong | strong |
| | Fruit - colour of skin | dark blue | dark blue | dark blue |
| | Fruit - firmness | medium | firm | medium |
| | Fruit - sweetness | medium to high | medium | medium |
| | Fruit - acidity | medium to high | low to medium | medium to high |
| | Plant - fruiting type | on one-year-old and current season shoots | on one-year-old and current season shoots | on one-year-old and current season shoots |
| | Time of beginning of - vegetative growth | very early | medium | medium |
| | Time of beginning of - flowering on one-year old shoot | very early | early | early to medium |
| | Time of beginning of - flowering on current season's shoot | very early | early to medium | very early to early |
| | Time of beginning of - fruit ripening on one year- old shoot | very early | early to medium | medium |
| | Time of beginning of - fruit ripening on current season's shoot | very early | very early | medium |

**Characteristics Additional to the Descriptor/TG**

| | **Plant/Organ Part: Context** | **'C18-153'** | **'C12-069'** | **'C14-409'** |
|---|---|---|---|---|
| | Leaf : colour of upper side | Green group N137A | Yellow-Green group 147A | Green group N137A |
| | Unripe fruit : intensity of green colour | Yellow-Green group 146C | Green group 143C | Green group similar to 138B and 138C |

**Statistical Table**

| | **Plant/Organ Part: Context** | **'C18-153'** | **'C12-069'** | **'C14-409'** |
|---|---|---|---|---|
| X | Flower : corolla size (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation | <br>7.6<br><br>P≤0.01 | <br>9.62<br><br>P≤0.01 | <br>8.6<br><br>P≤0.01 |

| | Method Used | | | |
|---|---|---|---|---|
| **X** | Fruit : size (mm)<br>Mean<br>Std Deviation<br>Lsd/sig<br>Means Separation<br>Method Used | <br>22.87<br><br>P≤0.01 | <br>20.68<br><br>P≤0.01 | <br>17.42<br><br>P≤0.01 |

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**Description: Jessica Scalzo,** Corindi Beach, NSW




C18-153 Botanical parts

## Grants

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Grant Date | Certificate Number | Expiry Date |
|---|---|---|---|---|---|---|---|---|---|
| 2023/176 | Meghan | Waxflower | Not Applicable | *Chamelaucium* | *uncinatum* | Botanic Gardens and Parks Authority | 26/08/2026 | 7435 | 26/08/2046 |
| 2017/021 | LS02C063 | Mandarin | Not Applicable | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7418 | 11/08/2051 |
| 2024/181 | FL 17 15 86 | Strawberry | Not Applicable | *Fragaria* | *x ananassa* | Florida Foundation Seed Producers, Inc. | 23/09/2026 | 7460 | 23/09/2046 |
| 2019/096 | PARSPARK | | Not Applicable | *Camellia* | *sasanqua* | The Paradise Seed Company Pty. Limited | 21/08/2026 | 7430 | 21/08/2046 |
| 2025/038 | AMALDA | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 03/09/2026 | 7449 | 03/09/2046 |
| 2023/177 | Kalbarri | Waxflower | Not Applicable | *Chamelaucium* | *uncinatum* | Botanic Gardens and Parks Authority | 26/08/2026 | 7436 | 26/08/2046 |
| 2020/043 | CNU01 | Bottlebrush | Not Applicable | *Callistemon* | | Nuflora International Pty Ltd | 28/09/2026 | 7469 | 28/09/2046 |
| 2020/312 | BB05-251MI-14 | Southern Highbush Blueberry | KEEPSAKE | *Vaccinium* | *hybrid* | BB IP Repository, LLC | 24/09/2026 | 7463 | 24/09/2046 |
| 2024/091 | RALSTON | Lettuce | Not Applicable | *Lactuca* | *sativa* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 05/08/2026 | 7408 | 05/08/2046 |
| 2021/198 | DEL57 | Grape vine | Ambrosia Seedless | *Vitis* | *vinifera* | Salvatore (Sam) De Luca | 22/09/2026 | 7457 | 22/09/2051 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2018/105 | Queen of Spades | Ornamental Sweet Potato | Not Applicable | *Ipomoea* | *batatas* | Sunplant Breeders Pty Ltd | 18/08/2026 | 7425 | 18/08/2046 |
| 2017/017 | LS00C018 | Mandarin | Not Applicable | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7414 | 11/08/2051 |
| 2017/020 | 02C063 | Mandarin | Not Applicable | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7417 | 11/08/2051 |
| 2015/182 | Volare | Potato | Not Applicable | *Solanum* | *tuberosum* | Agrico U.A. | 24/08/2026 | 7432 | 24/08/2046 |
| 2019/266 | GR147 | Grevillea | Pink Profusion | *Grevillea* | *hybrid* | Botanic Gardens and Parks Authority | 31/08/2026 | 7441 | 31/08/2046 |
| 2019/281 | GK281 | Cocksfoot | Summadorm | *Dactylis* | *glomerata* | Grasslanz Technology Limited | 02/09/2026 | 7447 | 02/09/2046 |
| 2020/313 | BB06-540FL-12 | Southern Highbush Blueberry | PRELUDE | *Vaccinium* | *hybrid* | BB IP Repository, LLC | 24/09/2026 | 7464 | 24/09/2046 |
| 2020/046 | CNU07 | Bottlebrush | Not Applicable | *Callistemon* | . | Nuflora International Pty Ltd | 17/09/2026 | 7454 | 17/09/2046 |
| 2017/097 | KinnowLS | Mandarin | KinnowIR | *Citrus* | *reticulata* | The Regents of the University of California | 29/09/2026 | 7473 | 29/09/2051 |
| 2024/134 | QUEENBEE | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 16/09/2026 | 7453 | 16/09/2046 |
| 2022/288 | BASS | French bean | Not Applicable | *Phaseolus* | *vulgaris* | HM.CLAUSE, Inc. | 28/08/2026 | 7439 | 28/08/2046 |
| 2020/044 | CNU15 | Bottlebrush | Not Applicable | *Callistemon* | | Nuflora International Pty Ltd | 28/09/2026 | 7470 | 28/09/2046 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2015/142 | RSL SpiritofANZAC | Grevillea | Not Applicable | *Grevillea* | *hybrid* | Botanic Gardens and Parks Authority | 01/09/2026 | 7444 | 01/09/2046 |
| 2019/098 | PARCHAR | Camellia | Not Applicable | *Camellia* | *sasanqua* | The Paradise Seed Company Pty. Limited | 17/08/2026 | 7423 | 17/08/2046 |
| 2023/244 | P4 | Mango | Not Applicable | *Mangifera* | *indica* | Gail Jeacocke | 19/08/2026 | 7428 | 19/08/2051 |
| 2019/265 | GR161 | Grevillea | Raspberry Dream | *Grevillea* | *hybrid* | Botanic Gardens and Parks Authority | 03/09/2026 | 7448 | 03/09/2046 |
| 2018/271 | AGV1012 | | Not Applicable | *Vigna* | *angularis* | Agriventis Technologies Pty Ltd | 11/09/2026 | 7452 | 11/09/2046 |
| 2017/019 | 01C011 | Mandarin | Not Applicable | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7416 | 11/08/2051 |
| 2023/164 | AGT-Spirit | Barley | Not Applicable | *Hordeum* | *vulgare* | AUSTRALIAN GRAIN TECHNOLOGIES PTY LTD, Limagrain Europe S.A.S. | 02/09/2026 | 7446 | 02/09/2046 |
| 2024/068 | KILAPRINCE | White Cabbage | Not Applicable | *Brassica* | *oleracea L. convar. capitata (L.) Alef. var. alba DC.* | Syngenta Crop Protection AG | 30/09/2026 | 7474 | 30/09/2046 |
| 2024/182 | FL 16 78 109 | Strawberry | Not Applicable | *Fragaria* | *x ananassa* | Florida Foundation Seed Producers, Inc. | 23/09/2026 | 7461 | 23/09/2046 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2020/045 | CNU06 | Bottlebrush | Not Applicable | *Callistemon* | | Nuflora International Pty Ltd | 28/09/2026 | 7471 | 28/09/2046 |
| 2015/143 | GR28 | Grevillea | OutbackSunrise | *Grevillea* | *hybrid* | Botanic Gardens and Parks Authority | 02/09/2026 | 7445 | 02/09/2046 |
| 2025/057 | CAPIROSSI | Capsicum | Not Applicable | *Capsicum* | *annuum* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 02/10/2026 | 7476 | 02/10/2046 |
| 2020/224 | NUFU2001 | Fuchsia | Not Applicable | *Fuchsia* | *hybrid* | NuFlora International Pty Ltd | 10/09/2026 | 7450 | 10/09/2046 |
| 2023/175 | Sorbetto | Waxflower | Not Applicable | *Chamelaucium* | *uncinatum* | Botanic Gardens and Parks Authority | 26/08/2026 | 7434 | 26/08/2046 |
| 2023/243 | B1 | Mango | Not Applicable | *Mangifera* | *indica* | Gail Jeacocke | 19/08/2026 | 7429 | 19/08/2051 |
| 2019/186 | Wildebeast | Lettuce | Not Applicable | *Lactuca* | *sativa L.* | Enza Zaden Beheer B.V. | 28/08/2026 | 7440 | 28/08/2046 |
| 2024/087 | IFG Thirty-six | Grapevine | Not Applicable | *Vitis* | *vinifera* | Bloom Fresh International Limited | 25/09/2026 | 7466 | 25/09/2051 |
| 2023/257 | SUNBERG | Lettuce | Not Applicable | *Lactuca* | *sativa* | Enza Zaden Beheer B.V. | 21/09/2026 | 7456 | 21/09/2046 |
| 2022/037 | NS 13-6 | Southern Highbush Blueberry | Not Applicable | *Vaccinium* | *hybrid* | Next Progeny Pty Ltd | 18/09/2026 | 7455 | 18/09/2046 |
| 2023/007 | Illusion | Lilly Pilly | Not Applicable | *Syzygium* | *australe* | Reline Management Pty Ltd ATF The Cole Unit Trust | 18/08/2026 | 7426 | 18/08/2046 |
| 2023/275 | AFRCLSC02 | Sweet Pepper | Not Applicable | *Capsicum* | *annuum* | Levon Cookson | 26/08/2026 | 7437 | 26/08/2046 |
| 2022/052 | WILLS | French bean | Not Applicable | *Phaseolus* | *vulgaris* | H.M.Clause, Inc. | 28/08/2026 | 7438 | 28/08/2046 |
| 2023/215 | Manburg | Mandevilla | Not Applicable | *Mandevilla* | *hybrid* | NuFlora International Pty Ltd | 31/08/2026 | 7442 | 31/08/2046 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2009/192 | Meiclusif | Rose | Not Applicable | *Rosa* | *hybrid* | Meilland International S.A. | 14/08/2026 | 7420 | 14/08/2046 |
| 2017/016 | 00C018 | Mandarin | 02C101 | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7413 | 11/08/2051 |
| 2017/177 | Parconfet | | Not Applicable | *Camellia* | *sasanqua* | The Paradise Seed Company Pty Limited | 17/08/2026 | 7424 | 17/08/2046 |
| 2022/187 | SVGG1312 | French bean | Not Applicable | *Phaseolus* | *vulgaris* | Seminis Vegetable Seeds LLC | 28/09/2026 | 7472 | 28/09/2046 |
| 2021/259 | Noa20059 | Rose | Not Applicable | *Rosa* | *hybrid* | Reinhard Noack | 14/08/2026 | 7421 | 14/08/2046 |
| 2024/183 | FL 16 30 128 | Strawberry | Not Applicable | *Fragaria* | *x ananassa* | Florida Foundation Seed Producers, Inc. | 23/09/2026 | 7462 | 23/09/2046 |
| 2023/087 | DG Avon TT | Canola | Not Applicable | *Brassica* | *napus* | Nutrien AgSolutions Ltd | 23/09/2026 | 7459 | 23/09/2046 |
| 2024/097 | IFG Thirty | Grapevine | Not Applicable | *Vitis* | *vinifera* | Bloom Fresh International Limited | 25/09/2026 | 7465 | 25/09/2051 |
| 2019/097 | PARSPELL | | Not Applicable | *Camellia* | *sasanqua* | The Paradise Seed Company Pty. Limited | 21/08/2026 | 7431 | 21/08/2046 |
| 2017/230 | Kerryn | Waxflower | Not Applicable | *Chamelaucium* | *hybrid* | Helix Australia (Goldsash Corporation Pty Ltd) | 13/08/2026 | 7419 | 13/08/2046 |
| 2025/046 | LUMIREX | Lettuce | Not Applicable | *Lactuca* | *sativa* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 05/08/2026 | 7412 | 05/08/2046 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2017/018 | LS01C011 | Mandarin | Not Applicable | *Citrus* | *reticulata* | The State of Queensland acting through the Department of Primary Industries | 11/08/2026 | 7415 | 11/08/2051 |
| 2018/316 | Sicot 620 | Cotton | Not Applicable | *Gossypium* | *hirsutum* | Cotton Seed Distributors Ltd, Commonwealth Scientific and Industrial Research Organisation | 17/08/2026 | 7422 | 17/08/2046 |
| 2020/042 | CNU19 | Bottlebrush | Not Applicable | *Callistemon* | | Nuflora International Pty Ltd | 28/09/2026 | 7467 | 28/09/2046 |
| 2024/001 | FC 5 | Rhodes Grass | Not Applicable | *Chloris* | *gayana* | GENEGRO PTY. LTD. | 02/10/2026 | 7475 | 02/10/2046 |
| 2023/069 | Tycoon | Barley | Not Applicable | *Hordeum* | *vulgare* | The State of Queensland acting through the Department of Primary Industries, Grains Research and Development Corporation | 22/09/2026 | 7458 | 22/09/2046 |
| 2015/150 | P7 | Mango | Not Applicable | *Mangifera* | *indica* | Gail Jeacocke | 19/08/2026 | 7427 | 19/08/2051 |
| 2017/302 | Carolus | Potato | Not Applicable | *Solanum* | *tuberosum* | Kweek- en Researchbedrijf Agrico B.V. | 25/08/2026 | 7433 | 25/08/2046 |
| 2019/041 | DrisBlueSixteen | Blueberry | Not Applicable | *Vaccinium* | *corymbosum* | Driscoll's Inc. | 28/09/2026 | 7468 | 28/09/2046 |
| 2022/054 | Fiorente | Lettuce | Not Applicable | *Lactuca* | *sativa* | Vilmorin-Mikado | 31/08/2026 | 7443 | 31/08/2046 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2024/088 | EXFRAME | Lettuce | Not Applicable | *Lactuca* | *sativa* | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 04/08/2026 | 7407 | 04/08/2046 |

## Refusals

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

## Applications Withdrawn

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Withdrawal Date |
|---|---|---|---|---|---|---|---|
| 2021/032 | CLS 0002 | Medicinal Cannabis | Not Applicable | *Cannabis* | *sativa* | Cymra Life Sciences Limited | 24/08/2026 |
| 2019/068 | Miami Ice | Coastal Rosemary | Not Applicable | *Westringia* | *fruticosa* | Sunplant Breeders Pty Ltd | 29/09/2026 |
| 2017/241 | WOLFLASH | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 18/08/2026 |
| 2021/031 | CLS 0001 | Medicinal Cannabis | Not Applicable | *Cannabis* | *sativa* | Cymra Life Sciences Limited | 24/08/2026 |
| 2018/340 | Bison | Oats | Not Applicable | *Avena* | *sativa* | Nordsaat Saatzucht GmbH | 20/08/2026 |
| 2025/152 | NS 15-15 | Southern Highbush Blueberry | Not Applicable | *Vaccinium* | *hybrid* | Next Progeny Pty Ltd | 04/09/2026 |
| 2019/080 | Silver Rocket | Spindle Bush | Not Applicable | *Euonymus* | *japonicus* | Kevin Peard | 18/09/2026 |
| 2017/323 | YAIN | Pomegranate | Not Applicable | *Punica* | *granatum* | Zamiri Nurseries Ltd. | 02/10/2026 |
| 2019/103 | DAH03 | Dahlia | White Paige | *Dahlia* | *Cav.* | Belinda Riley, Garry Capper | 29/09/2026 |
| 2015/090 | GRAmary | Rose | Not Applicable | *Rosa* | *hybrid* | John C. Gray and Sylvia E. Gray, Brindabella Country Gardens | 22/09/2026 |
| 2015/098 | GRAred | Rose | Not Applicable | *Rosa* | *hybrid* | John C. Gray and Sylvia E. Gray, Brindabella Country Gardens | 22/09/2026 |
| 2018/057 | GRA1511131 | Rose | Not Applicable | *Rosa* | *hybrid* | Mr. Harry Schreuders | 02/09/2026 |
| 2019/067 | Buhbye | Lilly Pilly | Not Applicable | *Syzygium* | *australe* | Sunplant Breeders Pty Ltd | 29/09/2026 |
| 2021/073 | EC-BEGON-2010 | | Not Applicable | *Begonia* | *masoniana* | Eden Collection B.V. | 28/08/2026 |

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|---|---|---|---|---|---|---|---|
| 2019/169 | Sunpapri | Mandevilla | Not Applicable | *Mandevilla* | *hybrid* | Suntory Flowers Limited | 17/08/2026 |
| 2018/339 | Benny | Oats | Not Applicable | *Avena* | *sativa* | Nordsaat Saatzucht GmbH | 20/08/2026 |
| 2015/002 | GRAapr | Rose | Not Applicable | *Rosa* | *hybrid* | John C. Gray and Sylvia E. Gray, Brindabella Country Gardens | 22/09/2026 |
| 2013/001 | Tobudivory | Butterfly-bush; Orange-eye; Summer-lilac | Not Applicable | *Buddleja* | *davidii* | Thompson & Morgan (UK) Ltd | 25/09/2026 |
| 2023/189 | K11 | Rice | Not Applicable | *Oryza* | *sativa* | Krishan Foundation Pty Ltd | 02/10/2026 |
| 2015/152 | Little Pilly | Lilly Pilly | Not Applicable | *Syzygium* | *hybrid* | Terence Charles Keogh | 10/09/2026 |
| 2019/081 | DAH02 | Dahlia | Not Applicable | *Dahlia* | *hybrid* | Gary Capper, Belinda Riley | 29/09/2026 |
| 2020/079 | EC-PEPE-1903 | | Not Applicable | *Peperomia* | *vestita* | Eden Collection B.V. | 18/08/2026 |
| 2015/116 | JS | Mandarin | Not Applicable | *Citrus* | *reticulata* | J&K Skilton Investment Trust | 17/08/2026 |
| 2015/087 | GRAaus | Rose | Not Applicable | *Rosa* | *hybrid* | John C. Gray and Sylvia E. Gray, Brindabella Country Gardens | 22/09/2026 |

## Grants Revoked

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

## Grants Surrendered

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Surrendered Date |
|---|---|---|---|---|---|---|---|
| 2021/147 | Red Rio | Strawberry | Not Applicable | *Fragaria* | *xananassa* | Total Worldfresh Limited | 28/09/2026 |
| 2007/184 | Sunsenebabu | Senecio | Not Applicable | *Senecio* | *hybrid* | Suntory Flowers Limited | 14/09/2026 |
| 2015/108 | Metalia | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 07/09/2026 |
| 2012/207 | Dreamer | Tomato | Not Applicable | *Solanum* | *lycopersicum* | Nunhems B.V. | 14/09/2026 |
| 2009/030 | KORGRETAUM | Rose | Not Applicable | *Rosa* | *hybrid* | W. Kordes' Sohne Rosenschulen GmbH & Co KG | 18/09/2026 |
| 2021/117 | LILY ROSE | Potato | Not Applicable | *Solanum* | *tuberosum* | Plantera B.V. | 14/09/2026 |
| 2023/016 | Icevita | Lettuce | Not Applicable | *Lactuca* | *sativa* | Syngenta Crop Protection AG | 26/08/2026 |
| 2009/077 | Scintilla | Southern Highbush Blueberry | Not Applicable | *Vaccinium* | *hybrid* | University of Florida Board of Trustees | 02/10/2026 |
| 2007/317 | Mystic Marvel | False Sarsparilla | Not Applicable | *Hardenbergia* | *violacea* | Courtney Peter Whitton | 01/10/2026 |
| 2014/164 | WES001 | Coastal Rosemary | Not Applicable | *Westringia* | *glabra* | Peter Goldup | 01/09/2026 |
| 2015/186 | Inerywiorc | Wallflower | Not Applicable | *Erysimum* | *hybrid* | Innovaplant Zierpflanzen GmbH & Co KG | 18/09/2026 |
| 2019/240 | Plapink 0740 | Raspberry | Not Applicable | *Rubus* | *idaeus* | Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal | 01/10/2026 |
| 2014/309 | Regina | Potato | Not Applicable | *Solanum* | *tuberosum* | EUROPLANT Pflanzenzucht GmbH | 11/09/2026 |
| 2009/044 | Thimo | European Pear | Not Applicable | *Pyrus* | *communis* | Wolfgang Muller, Baum-und Rosenschule | 02/10/2026 |

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|---|---|---|---|---|---|---|---|
| 2006/220 | Quantum II | Tall Fescue | Not Applicable | *Festuca* | *arundinacea* | PGG Wrightson Seeds Ltd | 09/09/2026 |
| 2007/307 | Fuji Supreme | Apple | Not Applicable | *Malus* | *domestica* | CABP4 LIMITED | 28/08/2026 |
| 2016/096 | LANSOUTHCAROLINA | Mandevilla | Not Applicable | *Mandevilla* | *amabilis hort. Buckland x boliviensis (Hook.F.)* | Aphrodite Breeding B.V. | 07/09/2026 |
| 2005/078 | Southern Belle | Southern Highbush Blueberry | Not Applicable | *Vaccinium* | *hybrid* | Florida Foundation Seed Producers, Inc | 28/09/2026 |
| 2011/161 | BESYS | Mexican Lily | Not Applicable | *Beschorneria* | *yuccoides* | Lifetech Laboratories Ltd | 30/09/2026 |
| 2009/031 | KORABURG | Rose | Not Applicable | *Rosa* | *hybrid* | W. Kordes' Sohne Rosenschulen GmbH & Co KG | 18/09/2026 |
| 2009/076 | Farthing | Southern Highbush Blueberry | Not Applicable | *Vaccinium* | *hybrid* | University of Florida Board of Trustees | 02/10/2026 |
| 2017/198 | WES002 | Violet Westringia | Not Applicable | *Westringia* | *hybrid* | Peter Goldup | 01/09/2026 |
| 2017/050 | Enrosadira | Raspberry | Not Applicable | *Rubus* | *idaeus* | Gilberto Molari and Aldo Telch | 24/08/2026 |
| 2018/100 | JINSHI 1 | Kiwifruit | Not Applicable | *Actinidia* | *chinensis* | Sichuan Huasheng Agricultural Ltd. | 21/09/2026 |
| 2009/062 | Moonbi | Soybean | Not Applicable | *Glycine* | *max* | Commonwealth Scientific and Industrial Research Organisation, Grains Research and Development Corporation, Department of Primary Industries for and on behalf of the State of New South Wales | 01/10/2026 |
| 2012/304 | Cinderella | Winter Rose | Not Applicable | *Helleborus* | *orientalis* | J.T. Verboom | 14/09/2026 |

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|---|---|---|---|---|---|---|---|
| 2011/094 | HF001 | Native Frangipani | Not Applicable | *Hymenosporum* | *flavum* | Peter Goldup | 01/09/2026 |
| 2018/063 | MRVB | Peanut | Not Applicable | *Arachis* | *hypogaea* | G Crumpton and Sons and Company Pty Ltd | 29/09/2026 |
| 2014/304 | Kironanete | New Guinea Impatiens | Not Applicable | *Impatiens* | *hybrid* | Innovaplant Zierpflanzen GmbH & Co KG | 09/09/2026 |
| 2018/062 | Wooroolin Runner | Peanut | Not Applicable | *Arachis* | *hypogaea* | G Crumpton and Sons and Company Pty Ltd | 29/09/2026 |
| 2016/274 | AB07-01-03 | Potato | Not Applicable | *Solanum* | *tuberosum* | Agriculture Victoria Services Pty Ltd, Abel Agrico International | 11/08/2026 |
| 2012/028 | XPO | Perennial Ryegrass | Not Applicable | *Lolium* | *perenne* | Grasslands Innovation Ltd. | 02/10/2026 |
| 2017/283 | PROVINE | Tomato | Not Applicable | *Solanum* | *lycopersicum* | Nunhems B.V. | 01/10/2026 |
| 2007/081 | WEKsproulses | Rose | Not Applicable | *Rosa* | *hybrid* | Weeks Wholesale Rose Grower Inc. | 14/09/2026 |
| 2014/314 | UQ-545 | Couchgrass | Not Applicable | *Cynodon* | *dactylon* | The University of Queensland; State of Queensland acting through the Department of Agriculture, Fisheries and Forestry | 16/09/2026 |
| 2014/060 | Premium Blond | Lily | Not Applicable | *Lilium* | *hybrid* | The Originals BV | 29/09/2026 |
| 2014/313 | UQ-490 | Couchgrass | Not Applicable | *Cynodon* | *dactylon* | The University of Queensland; State of Queensland acting through the Department of Agriculture, Fisheries and Forestry | 16/09/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2022/227 | CPV6 | Buffalo Grass | Not Applicable | *Stenotaphrum* | *secundatum* | Clayton Brian Philp | 02/10/2026 |
| 2013/255 | Marguerite | Potato | Not Applicable | *Solanum* | *tuberosum* | Agriculture Victoria Services Pty Ltd | 02/10/2026 |
| 2012/091 | PSPT | Hybrid Ryegrass | Not Applicable | *Lolium* | *boucheanum* | Grasslands Innovation Ltd. | 27/08/2026 |
| 2021/157 | CHIKITO | Cucumber | Not Applicable | *Cucumis* | *sativus* | Nunhems B.V. | 31/08/2026 |
| 2015/340 | JOAe 6656 | Tree Houseleek | Not Applicable | *Aeonium* | *arborium* | The Great Australian Succulent Company Pty Ltd | 01/10/2026 |
| 2017/305 | ELEMENTAL | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 30/09/2026 |
| 2021/146 | Red Cleo | Strawberry | Not Applicable | *Fragaria* | *xananassa* | Total Worldfresh Limited | 28/09/2026 |
| 2000/159 | Meinusian | Rose | Not Applicable | *Rosa* | *hybrid* | Meilland International S.A. | 08/09/2026 |
| 2014/058 | Taray | Cucumber | Not Applicable | *Cucumis* | *sativus* | Nunhems B.V. | 11/09/2026 |
| 2005/343 | Bunya | Soybean | Not Applicable | *Glycine* | *max* | Commonwealth Scientific and Industrial Research Organisation | 27/08/2026 |
| 2014/275 | Kiroisa | Impatiens | Not Applicable | *Impatiens* | *hybrid* | Innovaplant Zierpflanzen GmbH & Co KG | 31/08/2026 |
| 2014/145 | UQ-539 | Couchgrass | Not Applicable | *Cynodon* | *dactylon* | The University of Queensland; The State of Queensland acting through its Department of Agriculture, Fisheries and Forestry | 16/09/2026 |
| 2021/232 | CJAUS-1 | Sesame | Not Applicable | *Sesamum* | *indicum* | CJ Cheiljedang | 17/08/2026 |
| 2015/184 | Inerywijoy | Wallflower | Not Applicable | *Erysimum* | *hybrid* | Innovaplant Zierpflanzen GmbH & Co KG | 18/09/2026 |

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|---|---|---|---|---|---|---|---|
| 2011/153 | KORgeleflo | Rose | Not Applicable | *Rosa* | *hybrid* | W. Kordes' Sohne Rosenschulen GmbH & Co KG | 02/10/2026 |
| 2019/239 | Plapink 1004 | Raspberry | Not Applicable | *Rubus* | *idaeus* | Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal | 01/10/2026 |
| 2007/020 | Burgundyblush | Kanooka | Not Applicable | *Tristaniopsis* | *laurina* | Peter Goldup | 01/09/2026 |
| 2014/233 | Crispol | Lettuce | Not Applicable | *Lactuca* | *sativa* | Nunhems B.V. | 10/09/2026 |

## Grants Expired

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Applicant(s) | Expiry Date |
|---|---|---|---|---|---|---|---|
| 1998/094 | HORT16A | Kiwifruit | Not Applicable | *Actinidia* | *chinensis* | Zespri Group Limited | 13/09/2026 |
| 2003/295 | Raptor | Grevillea | Not Applicable | *Grevillea* | *hybrid* | Peter James Ollerenshaw | 08/09/2026 |
| 1994/002 | Primetime | Japanese Plum | Not Applicable | *Prunus* | *salicina* | Eric Wuhl | 08/08/2026 |
| 2005/022 | AGT Scythe | Wheat | Not Applicable | *Triticum* | *aestivum* | AUSTRALIAN GRAIN TECHNOLOGIES PTY LTD | 12/09/2026 |
| 2000/052 | Kiwi Sunset | Japanese Elm | Not Applicable | *Zelkova* | *serrata* | Allenton Nurseries Ltd | 20/09/2026 |
| 2003/204 | Izmir | Subterranean Clover | Not Applicable | *Trifolium* | *subterraneum var. subterraneum* | Western Australian Agriculture Authority, Grains Research and Development Corporation, Murdoch University, Australian Wool Innovation Limited | 12/09/2026 |
| 2004/323 | Drover | Oats | PO 615 | *Avena* | *sativa* | NDSU Research Foundation | 12/09/2026 |
| 2003/205 | Coolamon | Subterranean Clover | Not Applicable | *Trifolium* | *subterraneum var. subterraneum* | Western Australian Agriculture Authority, Grains Research and Development Corporation, Murdoch University, Australian Wool Innovation Limited | 12/09/2026 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2005/084 | Almaz | Chickpea | Not Applicable | *Cicer* | *arietinum* | The University of Western Australia, Western Australian Agriculture Authority, Council of Grain Grower Organisations Limited, Grains Research and Development Corporation | 12/09/2026 |
| 2004/200 | PAC701 | Lucerne | Not Applicable | *Medicago* | *sativa* | The University of Queensland on behalf of the Participants of the Cooperative Research Centre for Tropical Plant Protection and Grains Research and Development Corporation | 11/09/2026 |
| 2003/018 | SuperAurora | Lucerne | Icon | *Medicago* | *sativa* | AlfaGen Seeds Pty Ltd | 18/09/2026 |
| 2003/350 | Lance | Leucospermum | Not Applicable | *Leucospermum* | *glabrum x Leucospermum tottum* | Proteaflora Enterprises Pty Ltd | 08/09/2026 |

## Change of Applicant Name

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Changed From | Changed To | Date of Change |
|---|---|---|---|---|---|---|---|---|
| 2023/055 | Magnate | Barley | Not Applicable | *Hordeum* | *vulgare* | The New Zealand Institute for Plant and Food Research Ltd | New Zealand Institute for Bioeconomy Science Limited | 12/02/2026 |
| 2024/282 | Crop121 | Potato | Not Applicable | *Solanum* | *tuberosum* | The New Zealand Institute for Plant and Food Research Ltd | New Zealand Institute for Bioeconomy Science Limited | 12/02/2026 |
| 2024/284 | Crop123 | Potato | Not Applicable | *Solanum* | *tuberosum* | The New Zealand Institute for Plant and Food Research Ltd | New Zealand Institute for Bioeconomy Science Limited | 12/02/2026 |
| 2022/164 | HOT84A1 | Apple | Not Applicable | *Malus* | *domestica* | The New Zealand Institute for Plant and Food Research Ltd | New Zealand Institute for Bioeconomy Science Limited | 20/02/2026 |
| 2016/325 | Blue Silk | Blueberry | Not Applicable | *Vaccinium* | *corymbosum* | The New Zealand Institute for Plant and Food Research Ltd | New Zealand Institute for Bioeconomy Science Limited | 12/02/2026 |

## Transfer/Assignment of Rights

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Changed From | Changed To | Date of Change |
|---|---|---|---|---|---|---|---|---|
| 2026/100 | SPLASH | Cucumber | | *Cucumis* | *sativus* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2021/283 | MESSENGER | Corn | | *Zea* | *mays* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2020/189 | SVMA6365 | Melon | | *Cucumis* | *melo* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2026/039 | SVVB2646 | Spinach | | *Spinacia* | *oleracea L.* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2017/158 | MallingCentenary | Strawberry | | *Fragaria* | *x ananassa* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2018/010 | SVPB3835 | Sweet Pepper | | *Capsicum* | *annuum* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2025/180 | KISMET | Cucumber | | *Cucumis* | *sativus* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2025/156 | PUKAPUKA | Spinach | | *Spinacia* | *oleracea* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2022/187 | SVGG1312 | French bean | | *Phaseolus* | *vulgaris* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2026/039 | SVVB2646 | Spinach | | *Spinacia* | *oleracea L.* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 06/08/2026 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2006/089 | Valentino | French bean | | *Phaseolus* | *vulgaris* | Seminis Vegetable Seeds Inc | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2024/232 | MIDELYCE | Tomato | | *Lycopersicon* | *esculentum* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2024/233 | SUMBAWA | Spinach | | *Spinacia* | *oleracea* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2015/299 | SV0215TH | Tomato | | *Solanum* | *lycopersicum* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2018/322 | Flavor Journey | Melon | | *Cucumis* | *melo* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |
| 2016/255 | Maximinus | Sweet Pepper | | *Capsicum* | *annuum L.* | Seminis Vegetable Seeds, Inc. | Seminis Vegetable Seeds LLC | 12/08/2026 |

## Change or Nomination of Agent

| Application Number | Variety Name | Common Name | Synonym | Genus | Species | Changed From | Changed To | Date of Change |
|---|---|---|---|---|---|---|---|---|
| 2024/221 | TitanGold | Mango | | *Mangifera* | *indica* | Outback Plants | Ball Australia | 11/08/2026 |
| 2022/104 | Royal Emily | Sweet Cherry | | *Prunus* | *avium* | Graham's Factree Pty Ltd | HortIP | 03/08/2026 |
| 2016/148 | Royal Marie | Sweet Cherry | Royal Tenaya | *Prunus* | *avium* | Graham's Factree Pty Ltd | HortIP | 04/08/2026 |
| 2020/239 | Arthur V | Peach-Almond Hybrid Rootstock | | *Prunus* | *hybrid* | Krys Lockhart | Growtek Pty Ltd | 11/08/2026 |
| 2020/238 | Lillian CVI | Peach-Almond Hybrid Rootstock | | *Prunus* | *hybrid* | Krys Lockhart | Growtek Pty Ltd | 11/08/2026 |
| 1999/254 | VIKING | Prunus rootstock | | *Prunus* | *hybrid* | Graham's Factree Pty Ltd | HortIP | 03/08/2026 |
| 1999/127 | HONEY BLAZE | Nectarine | | *Prunus* | *persica var. nucipersica* | Graham's Factree Pty Ltd | HortIP | 03/08/2026 |
| 2022/106 | Royal Alana | Sweet Cherry | | *Prunus* | *avium* | Graham's Factree Pty Ltd | HortIP | 06/08/2026 |
| 2014/270 | Honey Punch | Interspecific Plum | | *Prunus* | *salicina x armeniaca* | Graham's Factree Pty Ltd | HortIP | 03/08/2026 |
| 2026/051 | Hit69 | Peach | Netix 28 | *Prunus* | *persica var. nucipersica* | W.F. MONTAGUE PTY. LIMITED | Montague Fresh (Aust) PTY. LTD | 26/08/2026 |
| 2023/295 | Buralmfour | Almond | | *Prunus* | *amygdalus* | Davies Collison Cave Pty Ltd | Mossmont Stone Fruit Importers | 26/08/2026 |
| 2018/343 | Earlina 8 fC | Industrial Hemp | | *Cannabis* | *sativa* | Hemp it Australia PTY LTD | VIE-IP | 04/09/2026 |
| 2019/075 | Futura 83 | Industrial Hemp | | *Cannabis* | *sativa* | Hemp it Australia PTY LTD | VIE-IP | 04/09/2026 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2022/105 | Royal Lennox | Sweet Cherry | | *Prunus* | *avium* | Graham's Factree Pty Ltd | HortIP | 04/08/2026 |

## Denomination (Variety Name) Changes

| Application Number | Common Name | Synonym | Genus | Species | Changed From | Changed To | Date of Change |
|---|---|---|---|---|---|---|---|
| 2025/154 | Persian clover | | *Trifolium* | *resupinatum* | E20PX-B | Azoti | 16/09/2026 |

## Change/Addition of Synonym

| Application Number | Variety Name | Common Name | Genus | Species | Changed From | Changed To | Date of Change |
|---|---|---|---|---|---|---|---|

# Corrigenda

Japanese Persimmon

*Diospyros kaki thumb*

Application number: 2021/201

**‘BONGHWANG’**

In the variety description published in volume 39, issue 1 of the Plant Varieties Journal on 7 August 2026, the agent’s name in the “Details of Application” section should read Spruson & Ferguson, Sydney, NSW.

Cotton

*Gossypium hirsutum*

Application number: 2025/004

**‘Sicot 721XF’**

The variety description published in volume 39, issue 1 of the Plant Varieties Journal on 7 August 2026 is superseded by the variety description published in the present issue.

# Appendices

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

Appendix 1 - Index of Accredited Consultant ‘Qualified Persons’

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

Appendix 2 – Index of Accredited Non-Consultant ‘Qualified Persons’

| Last Name | First Name |
|---|---|
| Manrique | Mary |
| Balmain | Kylie |
| Rogers | Joseph |
| Jowitt | Anita |
| Kammholz | Stephen |
| Anderson | Graham |
| Torpy | Brendan |
| Webb | Chantelle |
| Guo | Jason |
| Kebbell | Indi |
| Mobilio | Paul |
| Martin | William |
| Dunbar | Ian |
| Arkinstall | Sean |
| Ansari | Omid |
| Williams | Joanne |
| Fitzgibbon | John |
| Coventry | Stewart |
| Jupp | Noel |
| Cecil | Andrew |
| van Popering | Jonathan |
| Peck | David |
| Espinola | Sean |
| McIvor | Katie |
| Liu | Ming-Chung |
| Todd | Peter |
| Tancred | Stephen |
| Paull | Jeffrey |
| van den Berg | Louisa |
| Granger | Andrew |
| Clothier | Damien |
| Real | Daniel |
| Nagel | Stuart |
| Clayton-Greene | Kevin |
| Manson | Daniel |
| Lewis | Hartley |
| Collins | David |
| Tabah | David |
| Kaehne | Ian |
| Harmer | Martin |
| Smark | Jordan |
| Campbell | David |
| Boorman | Des |
| Neal | Jodi |
| Madsen | Dean |
| Senior | Michael |

| | |
|---|---|
| Kitson | Elizabeth |
| Snell | Peter |
| Chesher | Wayne |
| Clifton | Hannah |
| Rayner | Kenneth |
| Templeton | Kerry |
| Morison | Gillian |
| Gunther | Tom |
| Bunker | John |
| Huang | Che-Lun |
| Newman | Allen |
| Liu | Ming-Chi |
| Topp | Bruce |
| Ali | Asjad |
| Wankhade | Ankush |
| Cutri | Gaethan |
| Sabampillai | Mahendraraj |
| Harrison | Robert |
| Palau | Benjamin |
| Lee Chang | Kim |
| Burton | Rachel |
| Willey | Nicholas |
| Lee | Jou-Yi |
| Roche | Matthew |
| Pandey | Babu |
| Cameron | Nick |
| Syrus | Kim |
| Pressler | Craig |
| Chang | Yi-Lung |
| Trautwein | Michael |
| An | Chih-Hao |
| Ahmad | Maqbool |
| Chang | Sheng-Chih |
| Chu | Yu-Ying |
| Tefera | Abeya |
| Graetz | Darren |
| Box | Amanda |
| Gillies | Leanne |
| Hobson | Kristy |
| Winter | Bruce |
| Pike | Elise |
| Nemire | Bryan |
| Kenel | Fernand |
| Esmi | Ebrahim |
| Rasmussen | Jay |
| March | Timothy |
| Bignell | Grant |
| Materne | Michael |
| Porter | Gavin |
| Peck | Gavin |

| | |
|---|---|
| Nichols | Phillip |
| Proud | Christopher |
| Tsai | Yu-Ching |
| Lee | Jodie |
| Moisander | Jennifer |
| Stiller | Warwick |
| Watson | David |
| Fidgeon | Jesse |
| Kretzschmar | Tobias |
| Clingeleffer | Peter |
| Smith | Chris |
| O'Connor | Katie |
| Ullah | Smi |
| Dilag | Calixto |
| Francis | Matt |
| Lacey | Kevin |
| Ko | Yu-Cheng |
| Huggins | Madeleine |
| Downe | Graeme |

Appendix 3- Centralised Testing Centres

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

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

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

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

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

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when one or more candidate varieties are tested, each will qualify for the CTC examination fee of $1400. This presents a $600 saving over the normal fee of $2000.

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

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

**REQUESTS FOR AUTHORISATION AS A'CENTRALISED TESTING CENTRE**

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

**Conditions and Selection Criteria**

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

**Appropriate facilities**

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

**Experienced staff**

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

**Industry support**

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

**Long-term storage of genetic material**

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

**Contract testing for 3rd Parties**

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

**Relationship between CTC and 3rd Parties**

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

**One trial at a time**

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

**One CTC per genus**

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

## Authorised Centralised Test Centres (CTCs)

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

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation | Last review date |
|---|---|---|---|---|---|---|
| Bureau of Sugar Experiment Stations | Cairns,Tull, Ingham, Ayr, Mackay, Bundaberg,Brisbane, QLD | Saccharum | Field, glasshouse, tissue culture, pathology | G. Piperidis | 3/06/2020 | 25/09/2024 |
| ParadisePlants | Kulnura, NSW | Camellia, Lavandula, Osmanthus, Ceratopetalum | Field, glasshouse, shade house,irrigation | J. Robb | 31/12/1998 | 5/9/2023 |
| PrescottRoses | Berwick, VIC | Rosa | Field, controlled environment | C. Prescott | 31/12/1998 | 21/6/2023 |
| Ramm Botanicals | KangyAngy, NSW | Anigozanthos | Tissue culture, environment controlled greenhouse; extensive outdoor and shade house areas | H. Clifton | 10/02/2012 | 17/09/2025 |
| Solan Pty Ltd | Waikerie, SA | Solanum tuberosum | Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials | J. Fennell | 10/01/2013 | 26/11/2025 |

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation | Last review date |
|---|---|---|---|---|---|---|
| Tahune Fields Nursery | Huon Valley Southern Tasmania | Pome Fruit | Comprehensive equipment and facilities for large scale propagation, growing, conditioning, storage, marketing and transport | G. Brown | 12/03/2015 | 1/12/2022 |
| Agronico Technology Pty Ltd | Leith, TAS | Solanum tuberosum | Access to tissue culture storage and mini tuber production facilities (VICSPA accredited),for storing and multiplying varieties in preparation for testing | S. McKay, J. Hills | 7/04/2016 | 1/12/2022 |
| G Crumpton& Sons & Co Pty Ltd | Crawford,QLD | Duboisia | Comprehensive growing facilities | D. Loch | 13/12/2016 | 1/12/2022 |
| GrapeCoPty Ltd | South Merbein,VIC | Vitis vinifera (Table Grapeonly) | Drip irrigation.Cool rooms are being installed | A. MacGregor | 24/03/2022 | 1/02/2022 |
| Haar's Nursery | Somerville,VIC | Erysimum, Impatiens** Nemesia | Propagation greenhouses;indoor and outdoor growing areas | M. Lunghusen | 19/12/2018 | 1/12/2020 |

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation | Last review date |
|---|---|---|---|---|---|---|
| Australian HorticulturalServices | 5 Lower HomesteadRd<br>Wonga Park, VIC3115 | Lagerstroemia | Outdoor and indoor growingareas | M. Lunghusen | 13/08/2021 | 1/12/2022 |
| Australian HorticulturalServices | Wonga Park, VIC | Lavandula | Indoor and out growing areas | M. Lunghusen | 19/12/2018 | 1/12/2022 |

Appendix 4 – Register of Plant Varieties

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