Australian Government
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Plant Breeders Rights

Plant Varieties Journal - Optimised for Screen Viewing

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Public Notices of ***Plant Varieties Journal*** (**Vol. 36 Issue 1**) are listed below:

ACCEPTANCE:

Brassica oleracea
Broccoli
'Dark Vader'
Application No: 2023/039 Accepted: 3/04/2023
Applicant: SYNGENTA CROP PROTECTION AG
Agent: Syngenta Australia Pty.Ltd.

Solanum lycopersicum
Tomato
'SANFREDO'
Application No: 2023/042 Accepted: 5/04/2023
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Spruson & Ferguson

Camellia sinensis
Japanese Tea
'Kanaemaru'
Application No: 2023/028 Accepted: 5/04/2023
Applicant: National Agriculture and Food Research Organization
Agent: IP Solved (ANZ) Pty Ltd

Solanum tuberosum
Potato
'LEVANTE'
Application No: 2023/045 Accepted: 6/04/2023
Applicant: Cooperatie Agrico U.A.
Agent: Agrico Australia

Prunus persica
Peach
'Crimson Fire'
Application No: 2023/023 Accepted: 6/04/2023
Applicant: Zaiger's Inc Genetics
Agent: Graham's Factree Pty Ltd

Solanum tuberosum
Potato
'PARADISO'
Application No: 2023/046 Accepted: 6/04/2023
Applicant: Cooperatie Agrico U.A.
Agent: Agrico Australia

Solanum tuberosum L.
Potato
'CORAZON'
Application No: 2023/047 Accepted: 6/04/2023
Applicant: Cooperatie Agrico U.A.
Agent: Agrico Australia

Solanum tuberosum
Potato
'LUGANO'
Application No: 2023/043 Accepted: 6/04/2023
Applicant: Cooperatie Agrico U.A.
Agent: Agrico Australia

Sedum hybrid
Sedum
'GS201801'
Application No: 2020/255 Accepted: 13/04/2023
Applicant: Christopher M. Hansen
Agent: Sprint Horticulture

Prunus persica var. nucipersica
Nectarine
'NSRED15273'
Application No: 2022/265 Accepted: 13/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Prunus avium
Sweet Cherry
'Rosalolam'
Application No: 2022/260 Accepted: 14/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Prunus persica
Peach
'Crisptolam'
Application No: 2022/261 Accepted: 14/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Prunus persica var. nucipersica
Nectarine
'NSRED15262'
Application No: 2022/262 Accepted: 14/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Prunus persica var. nucipersica
Nectarine
'NSRED15270'
Application No: 2022/264 Accepted: 14/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Solanum tuberosum
Potato
'LADY JANE' syn Lady Janne
Application No: 2023/041 Accepted: 14/04/2023
Applicant: C. Meijer B.V.
Agent: Stuart D'Aloisio

Prunus persica var. nucipersica
Nectarine
'NSRED15265'
Application No: 2022/263 Accepted: 14/04/2023
Applicant: Agro Selections Fruits SAS
Agent: WRAYS

Prunus dulcis
Almond
'AuroraB'
Application No: 2023/053 Accepted: 18/04/2023
Applicant: The University of Adelaide

Westringia fruticosa
Coastal Rosemary
'WES09'
Application No: 2023/035 Accepted: 19/04/2023
Applicant: Ronald Dikkenberg
Agent: Ozbreed Greenlife Pty Ltd

Phormium tenax
New Zealand Flax
'PHOS6'
Application No: 2023/038 Accepted: 19/04/2023
Applicant: Ozbreed Greenlife Pty Ltd

Salvia hybrid
Sage
'SAL02'
Application No: 2023/036 Accepted: 19/04/2023
Applicant: Ozbreed Greenlife Pty Ltd

Westringia fruticosa
Coastal Rosemary
'WES10'
Application No: 2023/037 Accepted: 19/04/2023
Applicant: Ozbreed Greenlife Pty Ltd

Euphorbia hybrid
Spurges
'KM-MM024'
Application No: 2023/040 Accepted: 19/04/2023
Applicant: Jennifer Miner; Keith Miner
Agent: Natura Creative

Carica papaya
Pawpaw
'Sunlight 1' syn C1-7-
Application No: 2022/101 Accepted: 19/04/2023
Applicant: GRIFFITH UNIVERSITY; Horticulture Innovation Australia
Agent: Oxygene IP

Prunus persica
Peach
'SweetAurora'
Application No: 2023/057 Accepted: 26/04/2023
Applicant: Zaiger's Inc. Genetics
Agent: Graham's Factree Pty Ltd

Salvia splendens x guarantica
Sage
'JF902-13'
Application No: 2023/050 Accepted: 26/04/2023
Applicant: Plant Growers Australia Pty Ltd

Salvia (splendens x guarantica) x buchananii
Sage
'JF901-2'
Application No: 2023/049 Accepted: 26/04/2023
Applicant: Plant Growers Australia Pty Ltd

Salvia miniata x buchananii
Sage
'Serendip 19'
Application No: 2023/048 Accepted: 26/04/2023
Applicant: Plant Growers Australia Pty Ltd

Vitis vinifera
Grape vine
'SUGRAFIFTYSIX' syn SUGRA56
Application No: 2022/172 Accepted: 26/04/2023
Applicant: Sun World International, LLC
Agent: Corrs Chambers Westgarth Lawyers

Stylosanthes scabra
Shrubby Stylo
'Roxo' syn SPT009
Application No: 2022/244 Accepted: 28/04/2023
Applicant: Queensland Department of Agriculture and Fisheries; Meat & Livestock Australia Limited

Pelargonium x hortorum
Pelargonium
'IB PEL811-2'
Application No: 2023/002 Accepted: 28/04/2023
Applicant: Plant Growers Australia Pty Ltd

Pelargonium x hortorum
Pelargonium
'IB PEL811-1'
Application No: 2023/001 Accepted: 28/04/2023
Applicant: Plant Growers Australia Pty Ltd

Pelargonium x hortorum
Pelargonium
'IB PEL811-3'
Application No: 2023/003 Accepted: 28/04/2023
Applicant: Plant Growers Australia Pty Ltd

Rosa hybrid
Rose
'Ausegdon'
Application No: 2023/018 Accepted: 28/04/2023
Applicant: David Austin Roses Limited
Agent: Leigh Siebler

Olea europaea
Olive
'I-15' syn I 15
Application No: 2023/030 Accepted: 28/04/2023
Applicant: Todolivo S.L.
Agent: Foote Intellectual Property Limited

Cichorium intybus
Chicory
'Sika'
Application No: 2022/163 Accepted: 28/04/2023
Applicant: Grasslands Innovation Limited

Capsicum annuum
Sweet Pepper
'Angelito'
Application No: 2023/064 Accepted: 28/04/2023
Applicant: Syngenta Crop Protection AG
Agent: Syngenta Australia Pty. Ltd.

Stylosanthes scabra
Shrubby Stylo
'Terra' syn SPT025
Application No: 2022/245 Accepted: 28/04/2023
Applicant: Queensland Department of Agriculture and Fisheries; Meat & Livestock Australia Limited

Stylosanthes seabrana
Caatinga Stylo
'Ultimo' syn SPT039
Application No: 2022/242 Accepted: 28/04/2023
Applicant: Queensland Department of Agriculture and Fisheries; Meat & Livestock Australia Limited

Stylosanthes seabrana
Caatinga Stylo
'Cedo' syn SPT040
Application No: 2022/243 Accepted: 28/04/2023
Applicant: Queensland Department of Agriculture and Fisheries; Meat & Livestock Australia Limited

Stylosanthes seabrana
Caatinga Stylo
'DURA' syn SPT036
Application No: 2022/241 Accepted: 28/04/2023
Applicant: Queensland Department of Agriculture and Fisheries; Meat & Livestock Australia Limited

Tradescantia cerinthoides
Wandering Jew, Inch Plant, Spiderwort
'EC TRAD 2106'
Application No: 2022/113 Accepted: 28/04/2023
Applicant: Eden Collection B.V.
Agent: Dan's Plants

Ficus carica
Fig
'Little Miss Figgy'
Application No: 2023/013 Accepted: 28/04/2023
Applicant: Michael Nobles
Agent: Coolwyn Nurseries Pty Ltd

Rosa hybrid
Rose
'Auscrowd'
Application No: 2023/017 Accepted: 28/04/2023
Applicant: David Austin Roses Limited
Agent: Leigh Siebler

Trifolium subterraneum var. subterraneum
Subterranean Clover
'Edison'
Application No: 2022/196 Accepted: 3/05/2023
Applicant: PGG Wrightson Seeds (Australia) Pty Ltd; The University of Western Australia
Agent: Grasslands Innovation Ltd

Trifolium subterraneum var. yanninicum
Subterranean clover
'Franklin'
Application No: 2022/195 Accepted: 3/05/2023
Applicant: PGG Wrightson Seeds (Australia) Pty Ltd; The University of Western Australia
Agent: Grasslands Innovation Ltd

Trifolium subterraneum var. subterraneum
Subterranean Clover
'Carver'
Application No: 2022/197 Accepted: 3/05/2023
Applicant: PGG Wrightson Seeds (Australia) Pty Ltd; The University of Western Australia
Agent: Grasslands Innovation Ltd

Prunus armeniaca x salicina x persica
Interspecific apricot
'Redondo'
Application No: 2022/178 Accepted: 3/05/2023
Applicant: Zaiger's Inc. Genetics
Agent: Graham's Factree Pty Ltd

Cynodon dactylon x Cynodon transvaalensis
Hybrid Green Couch Grass
'JSC 2-21-18'
Application No: 2023/060 Accepted: 4/05/2023
Applicant: Mountain View Seeds Ltd
Agent: TurfBreed Pty Ltd

Spinacia oleracea
Spinach
'El Madison'
Application No: 2023/059 Accepted: 4/05/2023
Applicant: SYNGENTA CROP PROTECTION AG
Agent: Syngenta Australia Pty.Ltd.

Correa pulchella x (C. pulchella x C. reflexa)
Correa
'IB 705-6'
Application No: 2023/063 Accepted: 5/05/2023
Applicant: Plant Growers Australia

Grevillea bipinnatifida x G. pteridifolia
Grevillea
'Apricot Hots'
Application No: 2022/293 Accepted: 9/05/2023
Applicant: Richard Tomkin

Pyrus communis
European Pear
'HW624'
Application No: 2023/029 Accepted: 9/05/2023
Applicant: His Majesty The King in Right of Canada as Represented by the Minister of Agriculture and Agri-Food
Agent: Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd

Syzygium australe
Lilly Pilly
'Fire'n'Ice II'
Application No: 2023/007 Accepted: 9/05/2023
Applicant: Reline Management Pty Ltd ATF The Cole Unit Trust

Abelia xgrandiflora
Abelia
'RHABPE22'
Application No: 2022/302 Accepted: 9/05/2023
Applicant: Redlems Trust
Agent: Touch of Class Plants Pty Ltd

Dichondra repens
Kidney Weed
'Parvulus'
Application No: 2023/062 Accepted: 10/05/2023
Applicant: F.D. Coonan; J.D. Coonan

Prunus persica var. platycarpa
Flat Peach
'PRO 854'
Application No: 2023/067 Accepted: 16/05/2023
Applicant: Viveros Provedo SA
Agent: Freshmax Pty Ltd

Prunus persica var. platycarpa
Flat Peach
'PRO 803'
Application No: 2023/066 Accepted: 16/05/2023
Applicant: Viveros Provedo SA
Agent: Freshmax Pty Ltd

Grevillea hybrid
Grevillea
'GR188' syn Webb's Legacy
Application No: 2023/072 Accepted: 16/05/2023
Applicant: Botanic Gardens and Parks Authority
Agent: Quito Pty Ltd trading as Benara Nurseries

Convolvulus sabatius
Moroccan Glory Bind
'IB 710-17'
Application No: 2023/011 Accepted: 17/05/2023
Applicant: Plant Growers Australia Pty Ltd

Convolvulus sabatius
Moroccan Glory Bind
'IB 810-4'
Application No: 2023/008 Accepted: 17/05/2023
Applicant: Plant Growers Australia Pty Ltd

Fragaria x ananassa
Strawberry
'DrisStrawEightySix'
Application No: 2023/080 Accepted: 17/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Convolvulus sabatius
Moroccan Glory Bind
'IB 810-3'
Application No: 2023/009 Accepted: 17/05/2023
Applicant: Plant Growers Australia Pty Ltd

Lactuca sativa
Lettuce
'MULTIGREEN 148'
Application No: 2023/073 Accepted: 24/05/2023
Applicant: Nunhems B.V.
Agent: Spruson & Ferguson

Lactuca. sativa L.
Lettuce
'PRIMECUT'
Application No: 2023/027 Accepted: 24/05/2023
Applicant: Vilmorin-Mikado
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'Icevita'
Application No: 2023/016 Accepted: 25/05/2023
Applicant: Syngenta Crop Protection AG
Agent: Syngenta Australia Pty. Ltd.

Rubus subgenus Rubus
Blackberry
'DrisBlackTwenty'
Application No: 2023/082 Accepted: 25/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Vaccinium corymbosum
Blueberry
'DrisBlueTwentyThree'
Application No: 2023/081 Accepted: 25/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Vaccinium corymbosum
Blueberry
'DrisBlueTwentyFour'
Application No: 2023/076 Accepted: 25/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Rubus idaeus
Raspberry
'DrisRaspTwentyTwo'
Application No: 2023/078 Accepted: 25/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Vaccinium corymbosum
Blueberry
'DrisBlueTwenty'
Application No: 2023/077 Accepted: 25/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Fragaria x ananassa
Strawberry
'DrisStrawSeventyFour'
Application No: 2023/075 Accepted: 26/05/2023
Applicant: Driscoll's Inc.
Agent: AJ Park

Malus domestica
Apple
'HOT84A1'
Application No: 2022/164 Accepted: 26/05/2023
Applicant: The New Zealand Institute for Plant and Food Research Limited; FruitFutur A.I.E; Institut De Recerca I Tecnologia Agroalimentaries (IRTA)
Agent: AJ Park

Hardenbergia violacea
False Sarsparilla
'YNHARPUR'
Application No: 2023/083 Accepted: 26/05/2023
Applicant: Yarralumla Nursery - ACT Government

Tristaniopsis laurina
Kanooka
'Sprite'
Application No: 2023/090 Accepted: 30/05/2023
Applicant: Australian Plant Specialists Pty Ltd

Triticum aestivum
Wheat
'Genie' syn IGW6754
Application No: 2023/100 Accepted: 31/05/2023
Applicant: InterGrain Pty Ltd

Triticum aestivum
Wheat
'Thumper' syn IGW6884
Application No: 2023/102 Accepted: 31/05/2023
Applicant: InterGrain Pty Ltd

Triticum aestivum
Wheat
'Firefly' syn IGW8192
Application No: 2023/101 Accepted: 31/05/2023
Applicant: InterGrain Pty Ltd

Triticum aestivum
Wheat
'Mammoth' syn IGW6755
Application No: 2023/099 Accepted: 31/05/2023
Applicant: InterGrain Pty Ltd

Hordeum vulgare
Barley
'NRB140408'
Application No: 2023/069 Accepted: 7/06/2023
Applicant: State of Queensland through the Department of Agriculture and Fisheries; Grains Research and Development Corporation

Rubus idaeus
Raspberry
'BT RASTHREE'
Application No: 2023/086 Accepted: 7/06/2023
Applicant: Berrytech S.R.L.
Agent: Hydroberry Plants Pty Ltd

Rubus idaeus
Raspberry
'WSU 2166'
Application No: 2023/068 Accepted: 7/06/2023
Applicant: Washington State University
Agent: Adrian M Trioli Patent and Trade Mark Attorney

Lavandula pedunculata
Spanish Lavender
'LAV01'
Application No: 2023/107 Accepted: 8/06/2023
Applicant: Ozbreed Greenlife Pty Ltd

Grevillea hybrid
Grevillea
'GR126' syn CherryMoon
Application No: 2023/071 Accepted: 9/06/2023
Applicant: Botanic Gardens and Parks Authority
Agent: Quito Pty Ltd trading as Benara Nurseries

Brassica napus
Canola
'DG Avon TT'
Application No: 2023/087 Accepted: 9/06/2023
Applicant: Nutrien AgSolutions Ltd
Agent: Katrina (Kate) Light

Lolium multiflorum var. westerwoldicum
Westerwolds Ryegrass
'Revel'
Application No: 2023/115 Accepted: 9/06/2023
Applicant: Grasslands Innovation

Argyranthemum frutescens
Marguerite Daisy
'SUPA2201'
Application No: 2023/096 Accepted: 16/06/2023
Applicant: Ramm Botanicals Pty Ltd as a Trustee for the Ramm Botanicals Trust
Agent: NuFlora International Pty Ltd

Pittosporum tenuifolium
Pittosporum
'Gold Screen'
Application No: 2023/109 Accepted: 16/06/2023
Applicant: Quito Pty Ltd trading as Benara Nurseries

Argyranthemum frutescens
Marguerite Daisy
'Argy1'
Application No: 2023/108 Accepted: 16/06/2023
Applicant: Ozbreed Greenlife Pty Ltd

Triticum aestivum
Wheat
'Sundancer'
Application No: 2023/104 Accepted: 22/06/2023
Applicant: Australian Grain Technologies Pty Ltd

Triticum aestivum
Wheat
'Tomahawk CL Plus'
Application No: 2023/103 Accepted: 22/06/2023
Applicant: Australian Grain Technologies Pty Ltd

Variety Descriptions

Common (Genus Species)	Variety	Title Holder
(Camellia sasanqua)	Parconfet	The Paradise Seed Company Pty Limited
(Diospyros kaki)	Wonmi	Republic of Korea (Rural Development Administration)
(Camellia sasanqua)	PARSPELL	The Paradise Seed Company Pty. Limited
(Prunus avium)	SPC136	Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food
(Beta vulgaris L. ssp. vulgaris var. conditiva Alef.)	Amarena	Vilmorin-Mikado
(Malus domestica)	New York 2	Cornell University
(Metrosideros collina)	MB01	Vic John Ciccolella
(Ocimum basilicum)	Rutgers ObsessionDMR	Rutgers, The State University of New Jersey
(Diospyros kaki)	Wonchu	Republic of Korea (Rural Development Administration)
Apple (Malus domestica)	BigBucks	Pink Vein Pty Ltd
Apple (Malus domestica)	Xeleven	Red Moon GmbH
Apple (Malus domestica)	RM-1	Red Moon GmbH
Apple (Malus domestica)	RS1	Red Moon GmbH
Apple (Malus domestica)	Kizuri	Better3fruit NV
Apple (Malus domestica)	New York 1	Cornell University
Apple (Malus domestica)	LJ-1000	Regents of the University of Minnesota
Apple (Malus domestica)	Asfari	Better3fruit NV
Barley (Hordeum vulgare)	Spinnaker	SECOBRA Recherches
Barley (Hordeum vulgare)	TITAN AX	Australian Grain Technologies Pty Ltd
Barley (Hordeum vulgare)	Bottler	Sejet Planteforaedling I/S
Camellia (Camellia sasanqua)	PARCHAR	The Paradise Seed Company Pty. Limited
Camellia (Camellia sasanqua)	Parballe	The Paradise Seed Company Pty Limited
Camellia (Camellia sasanqua)	Partower	The Paradise Seed Company Pty Limited
Camellia (Camellia sasanqua)	PARKAT	The Paradise Seed Company Pty Limited
Camellia (Camellia sasanqua)	PARSAM	The Paradise Seed Company Pty Limited
Camellia (Camellia sasanqua)	PARSPARK	The Paradise Seed Company Pty. Limited
Camellia (Camellia sasanqua)	PARPETRUB	The Paradise Seed Company Pty. Limited
Camellia (Camellia sasanqua)	PARIRRES	The Paradise Seed Company Pty. Limited

Camellia (Camellia sasanqua)	PAREXO	The Paradise Seed Company Pty. Limited
Camellia (Camellia sasanqua)	PARCRIM	The Paradise Seed Company Pty. Limited
Chickpea (Cicer arietinum)	AGV1001	AgriVentis Technologies Pty Ltd
Chickpea (Cicer arietinum)	AGV1002	AgriVentis Technologies Pty Ltd
Christmas Bush (Metrosideros collina)	Firecracker	Joshua Waterworth
Cocksfoot (Dactylis glomerata)	GK281	Grasslanz Technology Limited
Durum Wheat (Triticum durum)	Patron	Australian Grain Technologies Pty Ltd
Endophyte (Epichloe sp.)	NEA12	Agriculture Victoria Services Pty Ltd
Evergreen Frangipani (Plumeria obtusa)	PetiteWhite	Darwin Plant Wholesalers
Fuchsia (Fuchsia hybrid)	NUFU2001	NuFlora International Pty Ltd
Gazania (Gazania x hybrida)	Newsun2101	NuFlora International Pty Ltd
Ginkgo (Ginkgo biloba)	Menhir	Jan-Willem Wezelenberg
Grape vine (Vitis vinifera)	Itumfour	Investigación y Tecnología de Uva de Mesa S.L.
Grevillea (Grevillea hybrid)	WatermelonIce	Gondwana Nursery Pty Ltd
Hybrid Ryegrass (Lolium hybridum)	Platform	Grasslands Innovation Ltd.
Hybrid Ryegrass (Lolium x boucheanum)	Legion	Grasslands Innovation Ltd
Hydrangea (Hydrangea macrophylla)	SCHROLLA01	Schroll Management Aps
Hydrangea (Hydrangea macrophylla)	SCHROLLA02	Schroll Management Aps
Industrial Hemp (Cannabis sativa L.)	Mara-401	Mara Seeds Pty Ltd
Industrial Hemp (Cannabis sativa L.)	Mara-314	Mara Seeds Pty Ltd
Japanese Tea (Camellia sinensis)	Kiyoka	National Agriculture and Food Research Organization
Kunming Tree Jasmine (Radermachera yunnanensis)	SummerscentSister	Darwin Plant Wholesalers
Lettuce (Lactuca sativa)	Vespucci	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lilly Pilly (Syzygium australe)	MALOF001	Malof Trading Pty Ltd
Lilly Pilly (Acmena smithii)	MALOF002	Malof Trading Pty Ltd
Narrow-Leafed Lupin (Lupinus angustifolius)	Lawler	Australian Grain Technologies Pty Ltd
Nectarine (Prunus persica nucipersica)	Wanecttwo	Wawona Packing Co., LLC

Red Clover (Trifolium pratense)	Amigain	Grasslands Innovation Ltd
Rice (Oryza sativa)	RRAPL_01	Ricegrowers Limited trading as SunRice
Sage (Salvia hybrid)	IB 210-5	Plant Growers Australia Pty Ltd
Sage (Salvia splendens x buchananii)	IB 810-1	Plant Growers Australia Pty Ltd
Spinach (Spinacia oleracea)	PMSP189681558	Nunhems B.V.
Strawberry (Fragaria xananassa)	Tamara-ASBP	State of Queensland; Horticulture Innovation Australia Limited
Strawberry (Fragaria xananassa)	SB17-230-ASBP	State of Queensland; Horticulture Innovation Australia Limited
Strawberry (Fragaria xananassa)	Tahli-ASBP	State of Queensland; Horticulture Innovation Australia Limited
Strawberry (Fragaria xananassa)	Susie-ASBP	State of Queensland; Horticulture Innovation Australia Limited
Sweet Cherry (Prunus avium)	PA2UNIBO	Alma Mater Studiorum - Universita of Bologna
Sweet Cherry (Prunus avium)	PA3UNIBO	Alma Mater Studiorum - Universita of Bologna
Sweet Pepper (Capsicum annuum)	AFRCLSR01	Straight Up Seeds Pty Ltd
Wheat (Triticum aestivum)	Willaura	Australian Grain Technologies Pty Ltd
White Clover (Trifolium repens)	Hilltop	Grasslands Innovation Ltd.
Wild Rocket (Diplotaxis tenuifolia)	Primaris	HM.CLAUSE SA

Plant Varieties Journal - Search Result Details
(Camellia sasanqua)
Variety: Parconfet
Synonym:

Application no: 2017/177
Current status: ACCEPTED
Certificate no:
Received: 8/06/2017
Accepted: 4/09/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: The Paradise Seed Company Pty Limited
Agent:
Telephone:
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
(Diospyros kaki)
Variety: Wonmi
Synonym:

Application no: 2020/253
Current status: ACCEPTED
Certificate no:
Received: 16/10/2020
Accepted: 20/05/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Republic of Korea (Rural Development Administration)
Agent: Spruson & Ferguson
Telephone: 0730112200
Fax:

View the detailed description of this variety.

WONMI SANGSEOJOSAENG

Plant Varieties Journal - Search Result Details
(Camellia sasanqua)
Variety: PARSPELL
Synonym:

Application no: 2019/097
Current status: ACCEPTED
Certificate no:
Received: 27/05/2019
Accepted: 4/06/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

PARSPELL

Plant Varieties Journal - Search Result Details
(Prunus avium)
Variety: SPC136
Synonym: Suite Note

Application no: 2019/202
Current status: ACCEPTED
Certificate no:
Received: 1/08/2019
Accepted: 17/09/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food
Agent: Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd
Telephone: 0734919905
Fax: 0734919929

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
(Beta vulgaris L. ssp. vulgaris var. conditiva Alef.)
Variety: Amarena
Synonym:

Application no: 2020/127
Current status: ACCEPTED
Certificate no:
Received: 30/06/2020
Accepted: 8/10/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Vilmorin-Mikado
Agent: Spruson & Ferguson
Telephone:
Fax:

View the detailed description of this variety.

'Amarena' 'Ruby Lips'

Plant Varieties Journal - Search Result Details
(Malus domestica)
Variety: New York 2
Synonym:

Application no: 2017/003
Current status: ACCEPTED
Certificate no:
Received: 9/01/2017
Accepted: 20/01/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Cornell University
Agent: Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd
Telephone: 0734919905
Fax: 0734919929

View the detailed description of this variety.

New York 2

Plant Varieties Journal - Search Result Details
(Metrosideros collina)
Variety: MB01
Synonym:

Application no: 2019/028
Current status: ACCEPTED
Certificate no:
Received: 26/02/2019
Accepted: 9/04/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
(Ocimum basilicum)
Variety: Rutgers ObsessionDMR
Synonym:

Application no: 2018/121
Current status: ACCEPTED
Certificate no:
Received: 2/05/2018
Accepted: 25/07/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Rutgers, The State University of New Jersey
Agent: Phillips Ormonde Fitzpatrick
Telephone: 0396222287
Fax: 0396141867

View the detailed description of this variety.

'Rutgers Obsession DMR' 'Large Sweet'

Plant Varieties Journal - Search Result Details
(Diospyros kaki)
Variety: Wonchu
Synonym:

Application no: 2020/254
Current status: ACCEPTED
Certificate no:
Received: 19/10/2020
Accepted: 20/05/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Republic of Korea (Rural Development Administration)
Agent: Spruson & Ferguson
Telephone: 0730112200
Fax:

View the detailed description of this variety.

WONCHU SANGSEOJOSAENG

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: BigBucks
Synonym:

Application no: 2018/367
Current status: ACCEPTED
Certificate no:
Received: 12/12/2018
Accepted: 19/12/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Pink Vein Pty Ltd
Agent: Fruit Varieties International Pty Ltd
Telephone: 0362667129
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: Xeleven
Synonym:

Application no: 2018/074
Current status: ACCEPTED
Certificate no:
Received: 15/03/2018
Accepted: 1/06/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Red Moon GmbH
Agent: Page Family Nurseries Pty Ltd
Telephone: 0362664364
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: RM-1
Synonym:

Application no: 2018/054
Current status: ACCEPTED
Certificate no:
Received: 2/03/2018
Accepted: 16/03/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Red Moon GmbH
Agent: Page Family Nurseries Pty Ltd trading as TANGARA NURSERY
Telephone: 0362664364
Fax: 0362664729

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: RS1
Synonym:

Application no: 2018/053
Current status: ACCEPTED
Certificate no:
Received: 2/03/2018
Accepted: 16/03/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Red Moon GmbH
Agent: Page Family Nurseries Pty Ltd trading as TANGARA NURSERY
Telephone: 0362664364
Fax: 0362664729

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: Kizuri
Synonym:

Application no: 2018/012
Current status: ACCEPTED
Certificate no:
Received: 30/01/2018
Accepted: 20/02/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Better3fruit NV
Agent: Garry Langford
Telephone: 0362664344
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: New York 1
Synonym:

Application no: 2017/002
Current status: ACCEPTED
Certificate no:
Received: 9/01/2017
Accepted: 20/01/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Cornell University
Agent: Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd
Telephone: 0734919905
Fax: 0734919929

View the detailed description of this variety.

New York 1

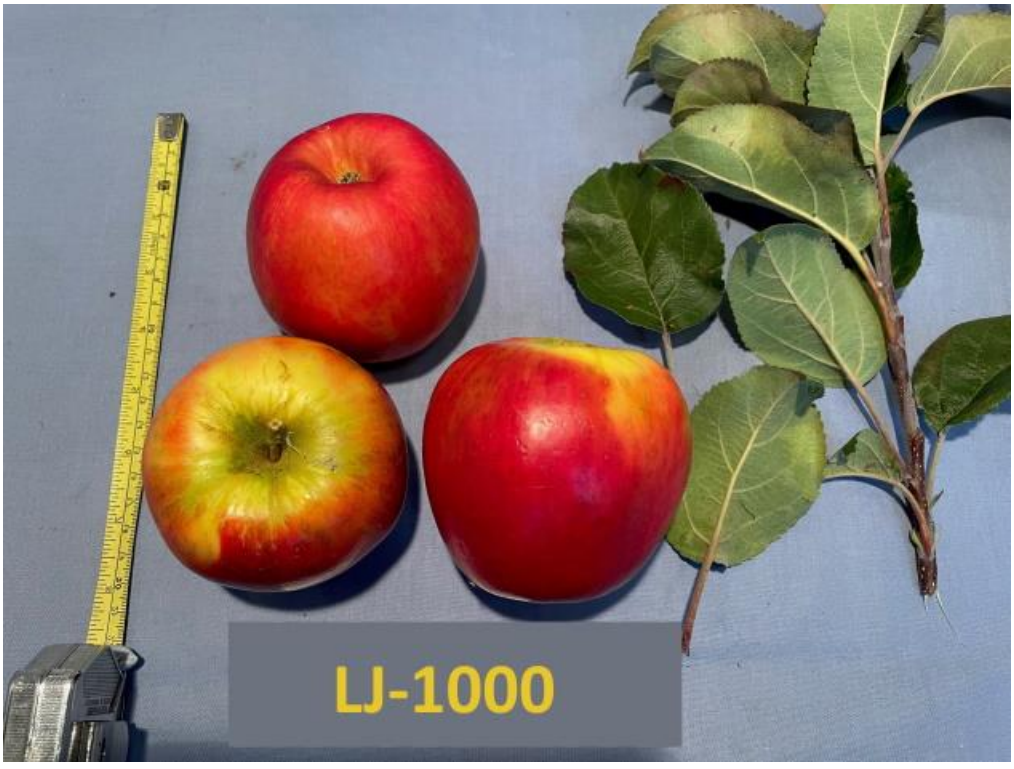
Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: LJ-1000
Synonym:

Application no: 2016/106
Current status: ACCEPTED
Certificate no:
Received: 13/05/2016
Accepted: 22/09/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Regents of the University of Minnesota
Agent: Spruson & Ferguson
Telephone: 0293930100
Fax: 0292615486

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Apple (Malus domestica)
Variety: Asfari
Synonym:

Application no: 2017/326
Current status: ACCEPTED
Certificate no:
Received: 17/11/2017
Accepted: 15/12/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Better3fruit NV
Agent: Garry Langford
Telephone: 0362664344
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Barley (Hordeum vulgare)
Variety: Spinnaker
Synonym:

Application no: 2022/133
Current status: ACCEPTED
Certificate no:
Received: 27/07/2022
Accepted: 19/08/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: SECOBRA Recherches
Agent: Amanda Box
Telephone:
Fax:

View the detailed description of this variety.

Ear Morphology

Plant Varieties Journal - Search Result Details
Barley (Hordeum vulgare)
Variety: TITAN AX
Synonym:

Application no: 2022/031
Current status: ACCEPTED
Certificate no:
Received: 7/03/2022
Accepted: 13/04/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent:
Telephone:
Fax:

View the detailed description of this variety.

'TITAN AX' 'COMMODUS' 'COMPASS'

Plant Varieties Journal - Search Result Details
Barley (Hordeum vulgare)
Variety: Bottler
Synonym:

Application no: 2017/038
Current status: ACCEPTED
Certificate no:
Received: 27/02/2017
Accepted: 23/03/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Sejet Planteforaedling I/S
Agent: PGG Wrightson Seeds Australia Pty Ltd (Trading as Grainsearch)
Telephone:
Fax:

View the detailed description of this variety.

Rachilla hair type

Bottler (long type) RGT Planet (short type) Westminster (short type)

Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARCHAR
Synonym:

Application no: 2019/098
Current status: ACCEPTED
Certificate no:
Received: 27/05/2019
Accepted: 4/06/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

PARCHAR

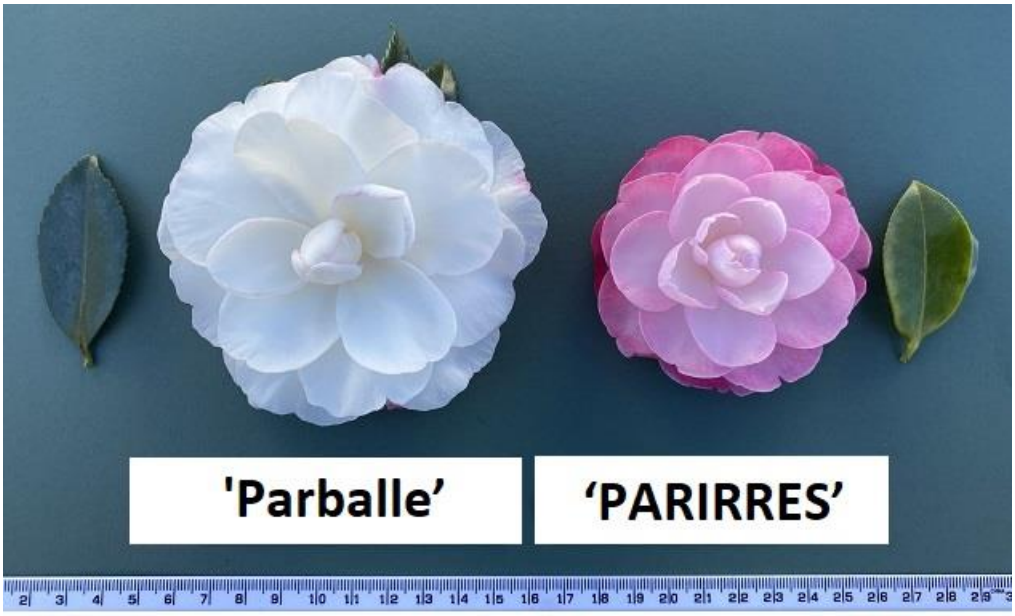
Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: Parballe
Synonym:

Application no: 2017/176
Current status: ACCEPTED
Certificate no:
Received: 8/06/2017
Accepted: 27/06/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: The Paradise Seed Company Pty Limited
Agent:
Telephone:
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: Partower
Synonym:

Application no: 2017/178
Current status: ACCEPTED
Certificate no:
Received: 8/06/2017
Accepted: 27/06/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: The Paradise Seed Company Pty Limited
Agent:
Telephone:
Fax:

View the detailed description of this variety.

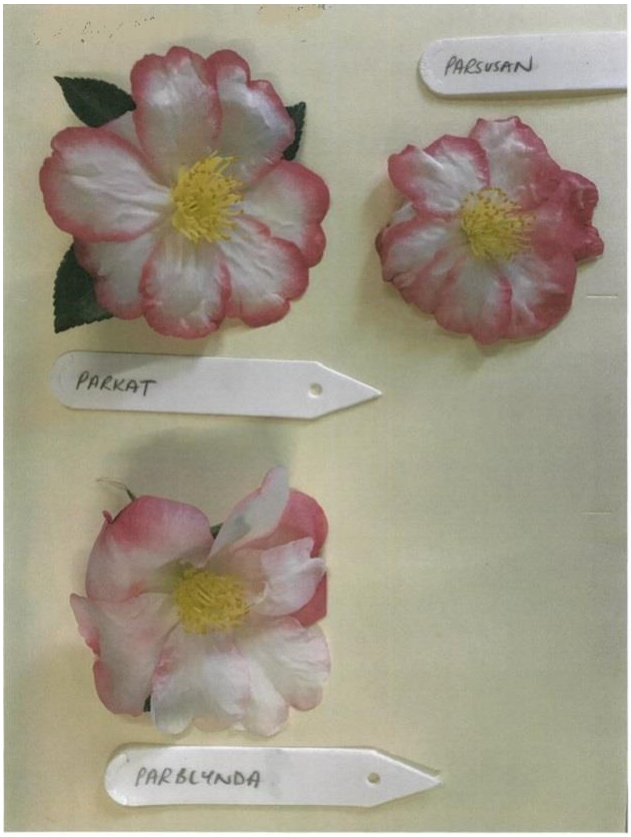
Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARKAT
Synonym:

Application no: 2017/179
Current status: ACCEPTED
Certificate no:
Received: 8/06/2017
Accepted: 27/06/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: The Paradise Seed Company Pty Limited
Agent:
Telephone:
Fax:

View the detailed description of this variety.



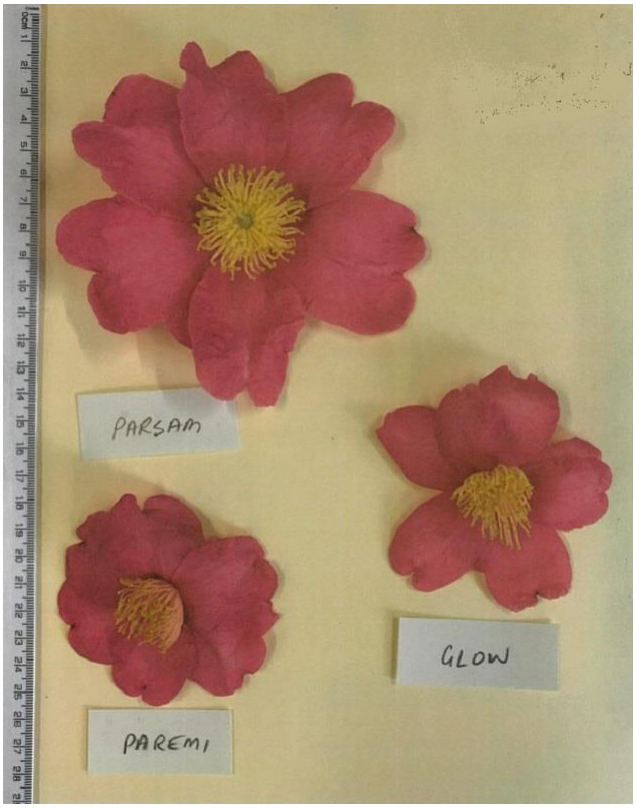
Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARSAM
Synonym:

Application no: 2017/180
Current status: ACCEPTED
Certificate no:
Received: 8/06/2017
Accepted: 4/09/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: The Paradise Seed Company Pty Limited
Agent:
Telephone:
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARSPARK
Synonym:

Application no: 2019/096
Current status: ACCEPTED
Certificate no:
Received: 27/05/2019
Accepted: 4/06/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

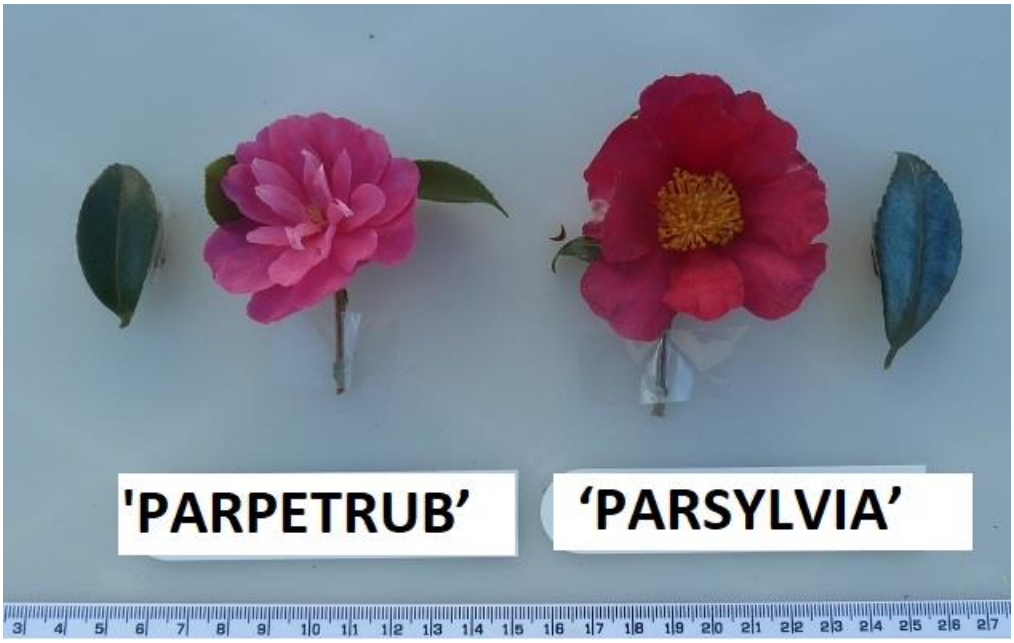
Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARPETRUB
Synonym:

Application no: 2016/181
Current status: ACCEPTED
Certificate no:
Received: 11/07/2016
Accepted: 12/08/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARIRRES
Synonym:

Application no: 2016/180
Current status: ACCEPTED
Certificate no:
Received: 11/07/2016
Accepted: 1/09/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PAREXO
Synonym:

Application no: 2016/179
Current status: ACCEPTED
Certificate no:
Received: 11/07/2016
Accepted: 4/08/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.

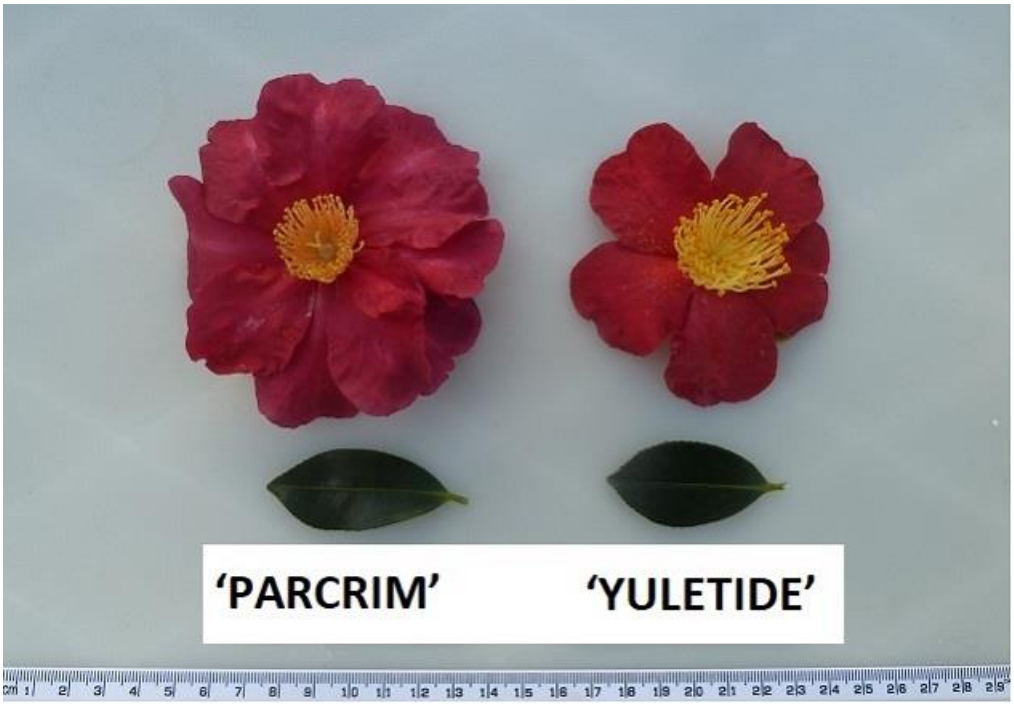
Plant Varieties Journal - Search Result Details
Camellia (Camellia sasanqua)
Variety: PARCRIM
Synonym:

Application no: 2016/178
Current status: ACCEPTED
Certificate no:
Received: 11/07/2016
Accepted: 12/08/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

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

View the detailed description of this variety.



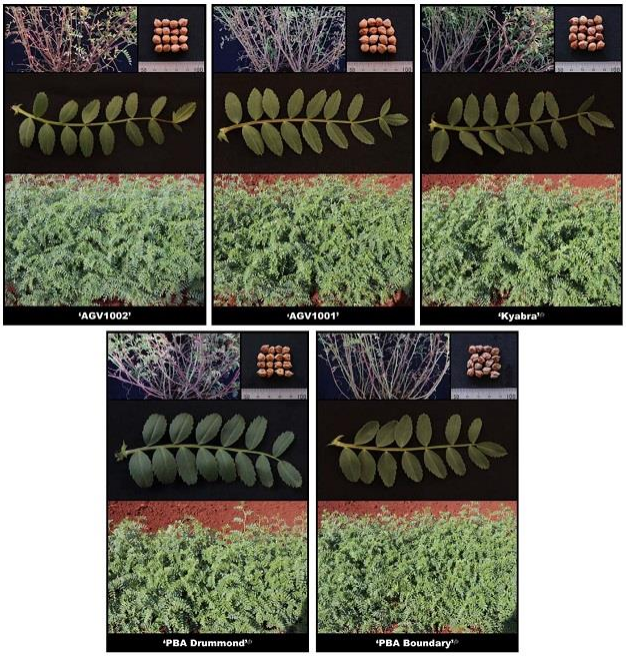
Plant Varieties Journal - Search Result Details
Chickpea (Cicer arietinum)
Variety: AGV1001
Synonym:

Application no: 2018/260
Current status: ACCEPTED
Certificate no:
Received: 3/09/2018
Accepted: 8/04/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: AgriVentis Technologies Pty Ltd
Agent: Peter Maxwell and Associates
Telephone: 0292479000
Fax:

View the detailed description of this variety.



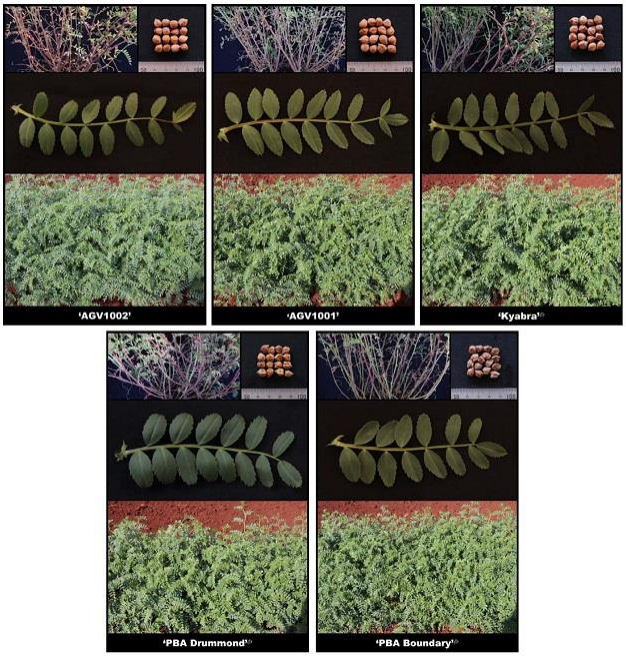
Plant Varieties Journal - Search Result Details
Chickpea (Cicer arietinum)
Variety: AGV1002
Synonym:

Application no: 2018/261
Current status: ACCEPTED
Certificate no:
Received: 3/09/2018
Accepted: 8/04/2019
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: AgriVentis Technologies Pty Ltd
Agent: Peter Maxwell and Associates
Telephone: 0292479000
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Christmas Bush (Metrosideros collina)
Variety: Firecracker
Synonym:

Application no: 2014/202
Current status: ACCEPTED
Certificate no:
Received: 4/09/2014
Accepted: 26/11/2014
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Joshua Waterworth
Agent:
Telephone: 0754969996
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Cocksfoot (Dactylis glomerata)
Variety: GK281
Synonym: Summadorm

Application no: 2019/281
Current status: ACCEPTED
Certificate no:
Received: 23/12/2019
Accepted: 28/02/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Grasslanz Technology Limited
Agent: Barenbrug Australia Pty Ltd
Telephone: 0260265288
Fax:

View the detailed description of this variety.

'GK281'

Plant Varieties Journal - Search Result Details
Durum Wheat (Triticum durum)
Variety: Patron
Synonym:

Application no: 2022/065
Current status: ACCEPTED
Certificate no:
Received: 12/04/2022
Accepted: 29/06/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent:
Telephone: 0883136861
Fax: 0883136865

View the detailed description of this variety.

'Patron' 'Bitalli', 'Caparoi', 'DBA Aurora' 'Westcourt'

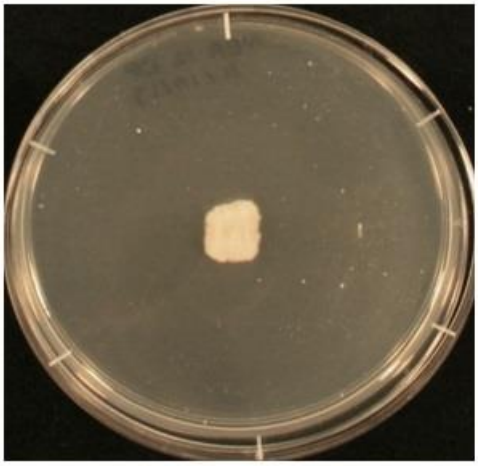
Plant Varieties Journal - Search Result Details
Endophyte (Epichloe sp.)
Variety: NEA12
Synonym:

Application no: 2021/247
Current status: ACCEPTED
Certificate no:
Received: 13/10/2021
Accepted: 15/12/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Agriculture Victoria Services Pty Ltd
Agent:
Telephone: 0390327673
Fax:

View the detailed description of this variety.



Epichloe sp. 'NEA12'

Plant Varieties Journal - Search Result Details
Evergreen Frangipani (Plumeria obtusa)
Variety: PetiteWhite
Synonym:

Application no: 2019/261
Current status: ACCEPTED
Certificate no:
Received: 18/12/2019
Accepted: 27/08/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Darwin Plant Wholesalers
Agent:
Telephone: 0889881888
Fax: 0889882110

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Fuchsia (Fuchsia hybrid)
Variety: NUFU2001
Synonym:

Application no: 2020/224
Current status: ACCEPTED
Certificate no:
Received: 17/09/2020
Accepted: 15/01/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: NuFlora International Pty Ltd
Agent:
Telephone:
Fax:

View the detailed description of this variety.

'NUFU2001' 'Electric Lights'

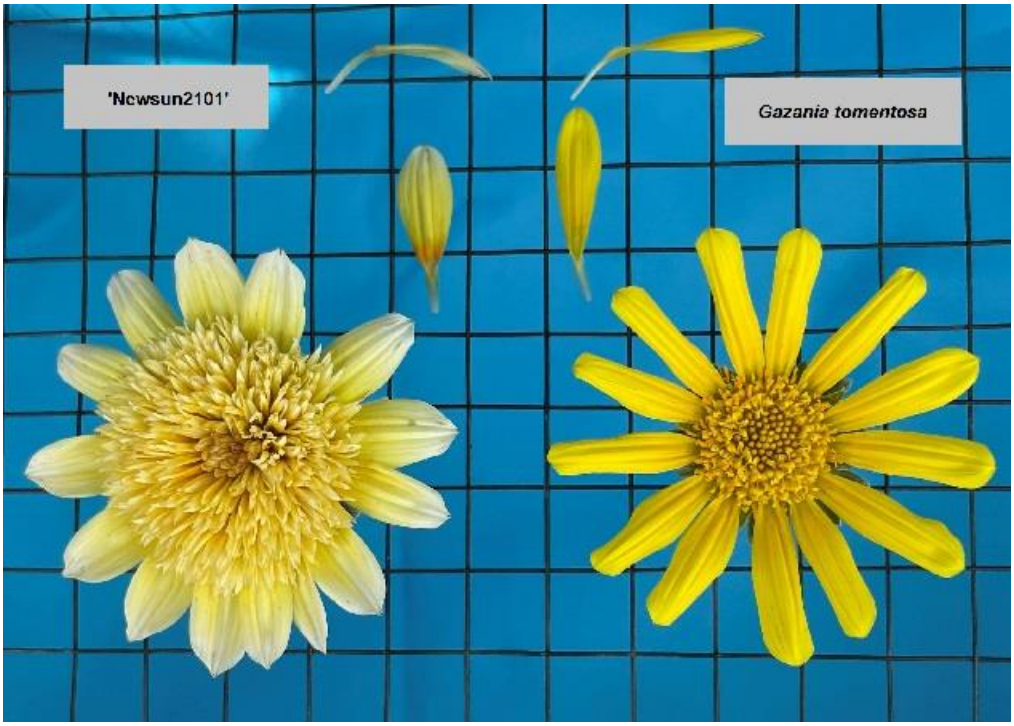
Plant Varieties Journal - Search Result Details
Gazania (Gazania x hybrida)
Variety: Newsun2101
Synonym:

Application no: 2021/252
Current status: ACCEPTED
Certificate no:
Received: 19/10/2021
Accepted: 5/05/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: NuFlora International Pty Ltd
Agent:
Telephone:
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Ginkgo (Ginkgo biloba)
Variety: Menhir
Synonym: Lemonlime spire

Application no: 2018/259
Current status: ACCEPTED
Certificate no:
Received: 31/08/2018
Accepted: 8/11/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Jan-Willem Wezelenberg
Agent: Plants Management Australia Pty. Ltd
Telephone:
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Grape vine (Vitis vinifera)
Variety: Itumfour
Synonym:

Application no: 2017/052
Current status: ACCEPTED
Certificate no:
Received: 13/03/2017
Accepted: 31/07/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Investigación y Tecnología de Uva de Mesa S.L.
Agent: AJR Variety Development Pty Ltd
Telephone:
Fax:

View the detailed description of this variety.

'Itumfour'

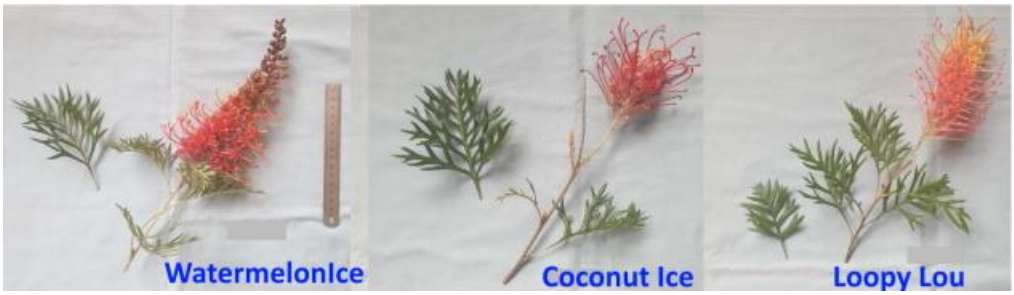
Plant Varieties Journal - Search Result Details
Grevillea (Grevillea hybrid)
Variety: WatermelonIce
Synonym:

Application no: 2020/249
Current status: ACCEPTED
Certificate no:
Received: 9/10/2020
Accepted: 22/12/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Gondwana Nursery Pty Ltd
Agent:
Telephone: 0266897544
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Hybrid Ryegrass (Lolium hybridum)
Variety: Platform
Synonym:

Application no: 2017/036
Current status: ACCEPTED
Certificate no:
Received: 22/02/2017
Accepted: 23/05/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Grasslands Innovation Ltd.
Agent:
Telephone: 6433218843
Fax:

View the detailed description of this variety.

'Platform'

Plant Varieties Journal - Search Result Details
Hybrid Ryegrass (Lolium x boucheanum)
Variety: Legion
Synonym:

Application no: 2018/190
Current status: ACCEPTED
Certificate no:
Received: 27/06/2018
Accepted: 4/09/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Grasslands Innovation Ltd
Agent:
Telephone: 0643518214
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Hydrangea (Hydrangea macrophylla)
Variety: SCHROLLA01
Synonym:

Application no: 2017/037
Current status: ACCEPTED
Certificate no:
Received: 22/02/2017
Accepted: 29/03/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Schroll Management Aps
Agent: Ball Australia
Telephone: 0397985355
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Hydrangea (Hydrangea macrophylla)
Variety: SCHROLLA02
Synonym:

Application no: 2016/348
Current status: ACCEPTED
Certificate no:
Received: 5/12/2016
Accepted: 3/01/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Schroll Management Aps
Agent: Ball Australia
Telephone: 0397985355
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Industrial Hemp (Cannabis sativa L.)
Variety: Mara-401
Synonym:

Application no: 2023/032
Current status: ACCEPTED
Certificate no:
Received: 20/02/2023
Accepted: 3/03/2023
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Mara Seeds Pty Ltd
Agent: HempGenTech Pty Ltd
Telephone:
Fax:

View the detailed description of this variety.

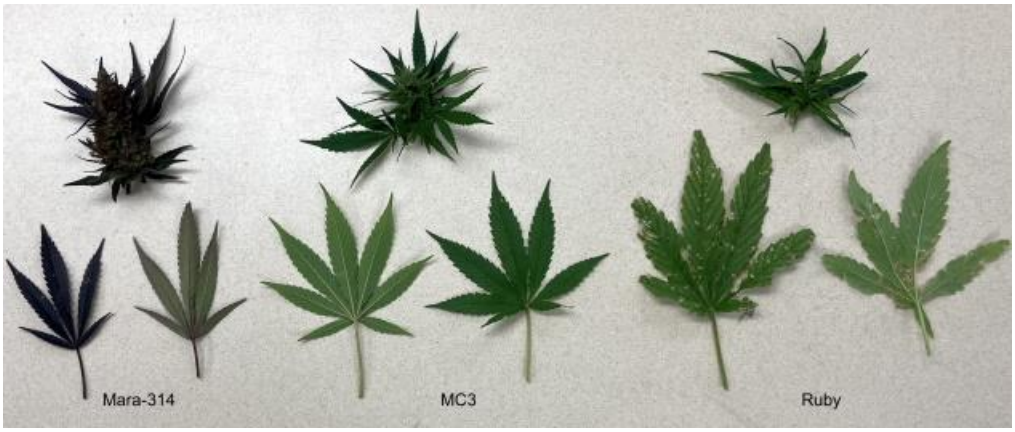
Plant Varieties Journal - Search Result Details
Industrial Hemp (Cannabis sativa L.)
Variety: Mara-314
Synonym:

Application no: 2023/031
Current status: ACCEPTED
Certificate no:
Received: 20/02/2023
Accepted: 3/03/2023
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Mara Seeds Pty Ltd
Agent: HempGenTech Pty Ltd
Telephone:
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Japanese Tea (Camellia sinensis)
Variety: Kiyoka
Synonym:

Application no: 2019/260
Current status: ACCEPTED
Certificate no:
Received: 13/12/2019
Accepted: 4/03/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: National Agriculture and Food Research Organization
Agent: IP Solved (ANZ) Pty Ltd
Telephone: 0282677300
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Kunming Tree Jasmine (Radermachera yunnanensis)
Variety: SummerscentSister
Synonym:

Application no: 2019/262
Current status: ACCEPTED
Certificate no:
Received: 18/12/2019
Accepted: 8/01/2020
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Darwin Plant Wholesalers
Agent:
Telephone: 0889881888
Fax: 0889882110

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Lettuce (Lactuca sativa)
Variety: Vespucci
Synonym:

Application no: 2022/219
Current status: ACCEPTED
Certificate no:
Received: 29/10/2022
Accepted: 13/12/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Spruson & Ferguson
Telephone: 0293930100
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Lilly Pilly (Syzygium australe)
Variety: MALOF001
Synonym: Screen It

Application no: 2014/323
Current status: ACCEPTED
Certificate no:
Received: 21/12/2014
Accepted: 13/04/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Malof Trading Pty Ltd
Agent:
Telephone: 0245723324
Fax: 0245723389

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Lilly Pilly (Acmena smithii)
Variety: MALOF002
Synonym: SpeedyScreener

Application no: 2014/324
Current status: ACCEPTED
Certificate no:
Received: 21/12/2014
Accepted: 11/04/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Malof Trading Pty Ltd
Agent:
Telephone: 0245723324
Fax: 0245723389

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Narrow-Leafed Lupin (Lupinus angustifolius)
Variety: Lawler
Synonym:

Application no: 2022/103
Current status: ACCEPTED
Certificate no:
Received: 31/05/2022
Accepted: 5/07/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent:
Telephone: 0883136861
Fax:

View the detailed description of this variety.

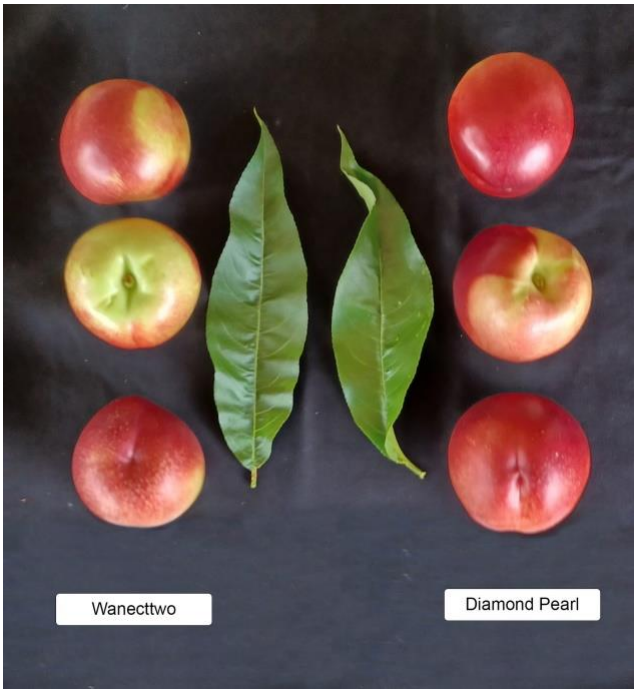
Plant Varieties Journal - Search Result Details
Nectarine (Prunus persica nucipersica)
Variety: Wanecttwo
Synonym: H1.031

Application no: 2021/159
Current status: ACCEPTED
Certificate no:
Received: 26/07/2021
Accepted: 25/10/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Wawona Packing Co., LLC
Agent: Eurofins Agroscience Services
Telephone: 0358212021
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Red Clover (Trifolium pratense)
Variety: Amigain
Synonym:

Application no: 2017/337
Current status: ACCEPTED
Certificate no:
Received: 4/12/2017
Accepted: 21/05/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Grasslands Innovation Ltd
Agent:
Telephone: 0643518214
Fax:

View the detailed description of this variety.

'Amigain'

Plant Varieties Journal - Search Result Details
Rice (Oryza sativa)
Variety: RRAPL_01
Synonym: DS1-early

Application no: 2022/228
Current status: ACCEPTED
Certificate no:
Received: 16/11/2022
Accepted: 16/12/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Ricegrowers Limited trading as SunRice
Agent:
Telephone:
Fax:

View the detailed description of this variety.

"RRAPL_01" "DS1" "Hannamai'

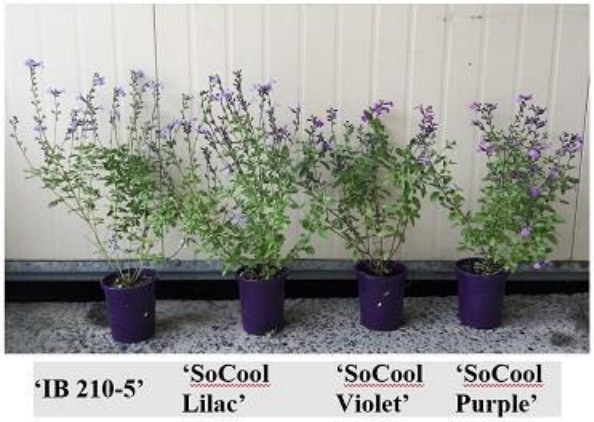
Plant Varieties Journal - Search Result Details
Sage (Salvia hybrid)
Variety: IB 210-5
Synonym:

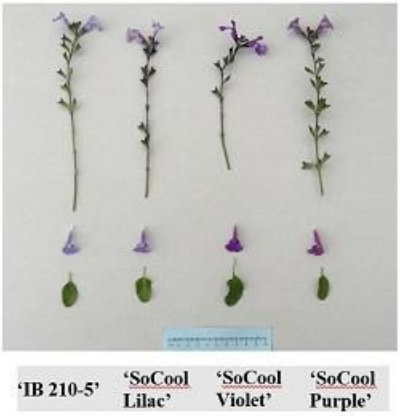
Application no: 2022/021
Current status: ACCEPTED
Certificate no:
Received: 15/02/2022
Accepted: 5/04/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Plant Growers Australia Pty Ltd
Agent:
Telephone: 0397221444
Fax:

View the detailed description of this variety.





Plant Varieties Journal - Search Result Details
Sage (Salvia splendens x buchananii)
Variety: IB 810-1
Synonym:

Application no: 2022/020
Current status: ACCEPTED
Certificate no:
Received: 15/02/2022
Accepted: 4/04/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Plant Growers Australia Pty Ltd
Agent:
Telephone: 0397221444
Fax:

View the detailed description of this variety.

'IB 810-1' 'Wendy's Wish' 'SER-Wish'

Plant Varieties Journal - Search Result Details
Spinach (Spinacia oleracea)
Variety: PMSP189681558
Synonym:

Application no: 2018/089
Current status: ACCEPTED
Certificate no:
Received: 29/03/2018
Accepted: 6/06/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Nunhems B.V.
Agent: Spruson & Ferguson
Telephone: 0293930100
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Strawberry (Fragaria xananassa)
Variety: Tamara-ASBP
Synonym:

Application no: 2021/150
Current status: ACCEPTED
Certificate no:
Received: 13/07/2021
Accepted: 24/08/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: State of Queensland; Horticulture Innovation Australia Limited
Agent:
Telephone: 132523
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Strawberry (Fragaria xananassa)
Variety: SB17-230-ASBP
Synonym:

Application no: 2021/152
Current status: ACCEPTED
Certificate no:
Received: 13/07/2021
Accepted: 24/08/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: State of Queensland; Horticulture Innovation Australia Limited
Agent:
Telephone: 132523
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Strawberry (Fragaria xananassa)
Variety: Tahli-ASBP
Synonym:

Application no: 2021/151
Current status: ACCEPTED
Certificate no:
Received: 13/07/2021
Accepted: 24/08/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: State of Queensland; Horticulture Innovation Australia Limited
Agent:
Telephone: 132523
Fax:

View the detailed description of this variety.

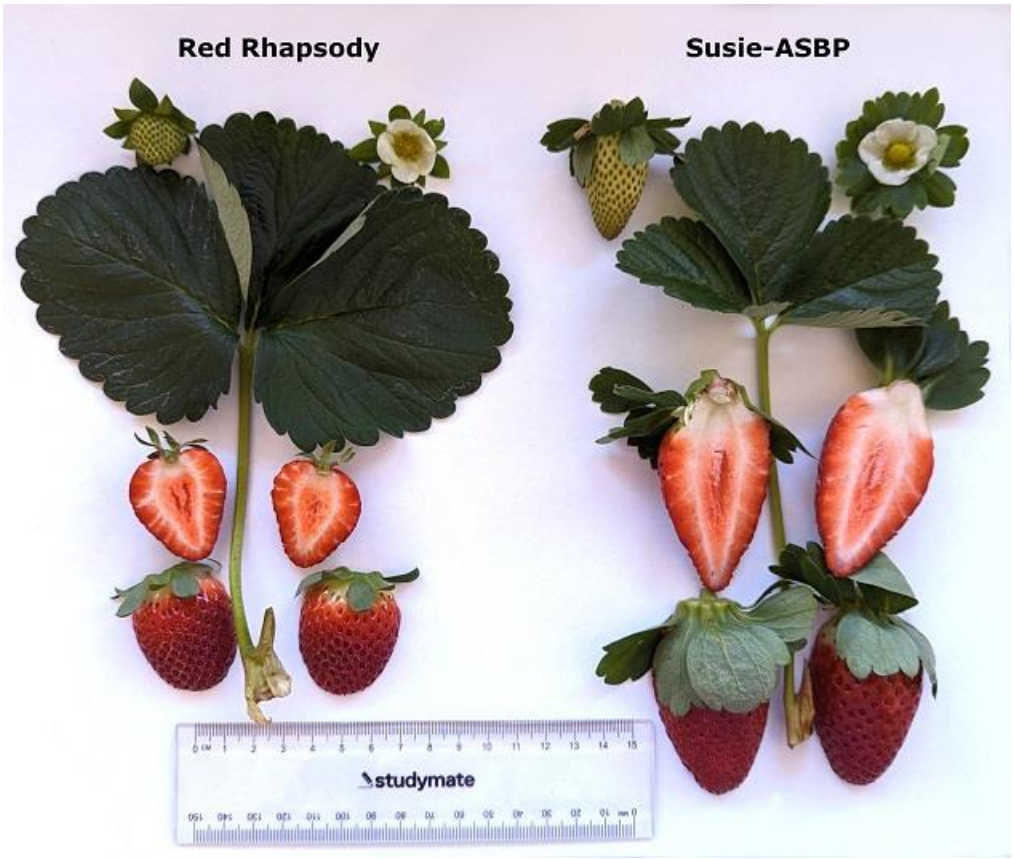
Plant Varieties Journal - Search Result Details
Strawberry (Fragaria xananassa)
Variety: Susie-ASBP
Synonym:

Application no: 2021/153
Current status: ACCEPTED
Certificate no:
Received: 13/07/2021
Accepted: 24/08/2021
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: State of Queensland; Horticulture Innovation Australia Limited
Agent:
Telephone: 132523
Fax:

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details
Sweet Cherry (Prunus avium)
Variety: PA2UNIBO
Synonym:

Application no: 2018/196
Current status: ACCEPTED
Certificate no:
Received: 3/07/2018
Accepted: 8/11/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Alma Mater Studiorum - Universita of Bologna
Agent: Graham's Factree Pty Ltd
Telephone: 0399991999
Fax:

View the detailed description of this variety.

PA2UNIBO

Plant Varieties Journal - Search Result Details
Sweet Cherry (Prunus avium)
Variety: PA3UNIBO
Synonym:

Application no: 2018/197
Current status: ACCEPTED
Certificate no:
Received: 3/07/2018
Accepted: 8/11/2018
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Alma Mater Studiorum - Universita of Bologna
Agent: Graham's Factree Pty Ltd
Telephone: 0399991999
Fax:

View the detailed description of this variety.

PA3UNIBO

Plant Varieties Journal - Search Result Details
Sweet Pepper (Capsicum annuum)
Variety: AFRCLSR01
Synonym:

Application no: 2022/080
Current status: ACCEPTED
Certificate no:
Received: 27/04/2022
Accepted: 8/09/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Straight Up Seeds Pty Ltd
Agent:
Telephone:
Fax:

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
Wheat (Triticum aestivum)
Variety: Willaura
Synonym:

Application no: 2022/078
Current status: ACCEPTED
Certificate no:
Received: 27/04/2022
Accepted: 2/06/2022
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Australian Grain Technologies Pty Ltd
Agent:
Telephone: 0883136861
Fax: 0883136865

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details
White Clover (Trifolium repens)
Variety: Hilltop
Synonym:

Application no: 2017/049
Current status: ACCEPTED
Certificate no:
Received: 10/03/2017
Accepted: 24/05/2017
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: Grasslands Innovation Ltd.
Agent:
Telephone: 6433218843
Fax:

View the detailed description of this variety.

'Hilltop'

Plant Varieties Journal - Search Result Details
Wild Rocket (Diplotaxis tenuifolia)
Variety: Primaris
Synonym:

Application no: 2016/041
Current status: ACCEPTED
Certificate no:
Received: 12/02/2016
Accepted: 11/03/2016
Granted:

Description published in Plant Varieties Journal: Volume 36, Issue 1

Title Holder: HM.CLAUSE SA
Agent: Spruson & Ferguson
Telephone: 0293930100
Fax:

View the detailed description of this variety.

'Primaris'

Details of Application

Application Number	2017/177
Variety Name	'Parconfet'
Genus Species	*Camellia sasanqua*
Accepted Date	04 Sep 2017
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura
Descriptor	TG/CAMEL (proj.4) (excluding *Camellia sinensis*)
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required. Trial design: randomised complete block. Measurements: taken from ten plants at random.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 140 seed resulted from these crosses. These seed were harvested & sown in March 2001. 88 seedlings germinated and were raised to maturity. 'Parconfet' first flowered in 2006 and was propagated via cutings for further trialling. It was selected as a new variety in 2010 based on flower colour, number of flowers per plants and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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
Flower colour	colour	pink
Plant	growth habit	upright
Plant	density of foliage	dense-very dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Paradise belinda'	Darker flower colour than 'parconfet'
'Paroli'	

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
'Parcaroline'	plant	density of foliage	dense to very dense	sparse to medium	
'Parspell'	flower	diameter	medium	small	

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

Organ/Plant Part: Context	'Parconfet'	'PAROLI'
☐ *Plant: growth habit	upright	semi-upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	dense to very dense	sparse to medium
☐ *Leaf: attitude	upwards	outwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	long to very long	very long
☒ Leaf blade: width	broad to very broad	very broad
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	obtuse	obtuse
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium

☐	*Leaf blade: venation on upper side	weak	medium
☐	*Leaf blade: glossiness of upper side	medium	medium to strong
☐	*Leaf blade: variegation	absent	absent
☒	*Leaf blade: colour of upper side (excluding variegation)	dark green	dark green
☐	Leaf blade: shape in cross section	concave	flat
☐	*Leaf blade: margin	serrulate	serrulate
☐	Petiole: length	short	short
☐	*Flower bud: arrangement	terminal only	terminal and axillary
☒	*Flower: diameter	medium	large to very large
☐	*Flower: form	peony form	peony form
☐	*Flower: presence of petaloids	present	present
☐	*Flower: number of petaloids	very many	many
☒	Flower: petaloids	all stamens petaloid	some stamens petaloid
☐	Petal: thickness	medium	medium
☐	*Petal: shape of apex	retuse	retuse
☒	Petal: number of incisions of margin	medium	absent or few
☒	*Petal: curvature of longitudinal axis	incurved	recurved
☐	*Flower: shape of petals of first outer row	obovate	obcordate
☒	*Petal: undulation of margin	absent or weak	medium
☐	Petal: venation	weak	weak
☒	*Petal: main colour (RHS colour chart)	RHS 73B-C	RHS 65A
☐	*Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐	*Stamens: arrangement	sasanqua	sasanqua

☐ Style: number of splits	three	three
☐ Style: position of splitting	high	high
☐ *Stigma: position in relation to stamens	same level	below
☐ *Time of: flowering	early	early

Prior Applications and Sales: Nil

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2020/253
Variety Name	'Wonmi'
Genus Species	*Diospyros kaki*
Accepted Date	20 May 2021
Applicant	Republic of Korea (Rural Development Administration), Jeollabuk-do 54875, Republic of Korea
Agent	Spruson & Ferguson, Brisbane, QLD 4000
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	Korea Seed & Variety Service (KSVS), MAFRA
Overseas Data Reference Number	
Location	Gyeongnam Branch Office / Miryang-si
Descriptor	2004-03-31, TG/92/4
Period	May 2016 - January 2019
Conditions	
Trial Design	
Measurements	As per UPOV Technical guidelines
RHS Chart - edition	

Origin and Breeding

Controlled Pollination: Initially crossed the 'Fuyu' and 'Taishu' varieties in 2005. First selected the 05-16-44 variety from one seedling of the cross of 'Fuyu' and 'Taishu' in 2012. Final selection of 05-16-44 made in 2014 after an annual assessment of tree growth and fruit characteristics. It was formally named 'Wonmi' and variety rights were first applied for at Korea Seed & Variety Service in 2015. Breeders: Kyeong-Bok Ma, Kwang-Sik Cho, Jin-Ho Choi, and Han-Chan Lee, The Korean Rural Development Administration, Jeollabuk-do, 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 view	broad ovate
Fruit	color of skin (in fruit with astringency absent or sometimes present)	orange

Fruit	astringency	always absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sangseojosaeng'	

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
'Uenishiwase'	flower	sex expression	pistillate and staminate	pistillate only	
'Uenishiwase'	fruit	sepal attitude	horizontal	vertical	
'Uenishiwase'	leaf base	shape	rounded	acute	

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

Organ/Plant Part: Context	'Wonmi'	'Sangseojosaeng'
☐ Tree: vigour	medium	
☐ *Tree: habit	semi-upright	
☐ One-year-old shoot: number of lenticels	few	medium
☐ One-year-old shoot: size of lenticels	small	medium
☐ One-year-old shoot: shape of lenticels	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	ovate	elliptic
☐ *Leaf blade: shape of base	rounded	broad acute
☐ Leaf blade: shape of apex	acuminate	
☐ *Tree: sex expression of flowers	female only	
☒ Female flower: shape of calyx viewed from above	rhombic	rounded rhombic

☐ *Female flower: number of corolla lobes	four	
☒ *Fruit: size	medium to large	small to medium
☒ *Fruit: general shape in lateral view	broad ovate	oblate
☐ *Fruit: general shape in cross section	circular	
☐ *Fruit: shape of apex in longitudinal section	rounded	truncate
☐ Fruit: grooving at apex	absent or weak	
☐ 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	moderate	
☒ Fruit: calyx size compared with fruit diameter	small	medium
☐ *Fruit: attitude of calyx	semi-erect	
☒ Fruit: width of sepal	narrow to medium	medium to broad
☐ *Fruit: colour of skin (varieties with astringency always absent or sometimes present only)	orange	yellow 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	small	
☐ Seed: shape in lateral view	ovate	broad ovate
☐ Seed: colour	medium brown	dark brown
☐ Fruit: astringency	always absent	

Prior Applications and Sales:

Country	Year	Status	Variety name
Republic of Korea	2015	Granted	Wonmi

First sold in 2015 in Republic of Korea

Description: John Oates, Merimbula 2548

Details of Application

Application Number	2019/097
Variety Name	'PARSPELL'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	04 Jun 2019
Applicant	The Paradise Seed Company Pty. Limited, The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura
Descriptor	TG/CAMEL (proj.4) (excluding *Camellia sinensis*)
Period	2017-2020
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2004. Emasculated flowers were hand pollinated several days later using stored pollen from various male donors. 63seed resulted from these crosses. These seed were harvested & sown in April 2005. 37 seedlings germinated and were raised to maturity. 'Parspell' first flowered in 2010 and was propagated via cutings for further trialling. It was selected as a new variety in 2013 based on plant density, flower form, number of flowers per plant and upright plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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 habit	upright

Plant	density of foliage	dense
Flower	form	formal double
Flower	main colour	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARIRRES'	Different flower colour distribution in pertals, but overall, most similar in flower form & habit

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Parlove'	flower	diameter small	medium to large	
'Parjes'	flower	diameter small	medium	
'Parodette'	plant	density of foliage dense to very dense	sparse	
'Parjoy'	flower	diameter small	medium to large	

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

Organ/Plant Part: Context	'PARSPELL'	'PARIRRES'
☐ *Plant: growth habit	upright	upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	dense	dense to very dense
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	long	medium
☒ Leaf blade: width	medium	narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☒ *Leaf blade: shape of base	acute	rounded
☐ *Leaf blade: shape of apex	short acuminate	short acuminate

☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium
☐ *Leaf blade: variegation	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	yellowish green
☒ Leaf blade: shape in cross section	flat	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☒ *Flower: diameter	small	medium
☐ *Flower: form	formal double	formal double
☐ *Flower: presence of petaloids	present	present
☒ *Flower: number of petaloids	very few	few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☒ Petal: thickness	thin	medium
☐ *Petal: shape of apex	rounded	rounded
☐ Petal: number of incisions of margin	absent or few	absent or few
☐ *Petal: curvature of longitudinal axis	incurved	incurved
☐ *Flower: shape of petals of first outer row	obcordate	obcordate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☐ *Petal: main colour (RHS colour chart)	65B	64C-D
☒ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	darkest in the marginal zone
☐ *Stamens: arrangement	sasanqua	sasanqua

☐ Style: number of splits	four	four
☐ Style: position of splitting	high	low
☐ *Stigma: position in relation to stamens	above	same level
☐ Ovary: hairs	absent	
☒ *Time of: flowering	medium	early

Prior Applications and Sales: Nil

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2019/202
Variety Name	'SPC136'
Genus Species	*Prunus avium*
Common name	Sweet Cherry
Synonym	Suite Note
Accepted Date	17 Sep 2019
Applicant	Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food, Ottawa, Ontario, Canada.
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, Kallangur QLD 4503
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	Plant Breeder's Rights Office, Canadian Food Inspection Agency, Ottawa, Ontario, Canada
Overseas Data Reference Number	05-5011
Location	Summerland, British Columbia, Canada
Descriptor	TG/35/7
Period	2003-2005
Conditions	
Trial Design	Trials for `SPC136' were conducted at the Pacific Agriculture Research Centre, Agriculture and Agri-Food Canada, Summerland, British Columbia from 2003 to 2005. The candidate variety and three reference varieties were planted in close proximity in test blocks located in Field 4 and 13. The trials consisted of 4 trees per variety, grafted onto `Mazzardi rootstock. Measured observations were based on a minimum of 15 measurements.
Measurements	
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'SPC136' was the result of the cross '2S-36-36' x 'Summit', which was made at the Pacific Agriculture Research Centre, Agriculture and Agri-Food Canada, Summerland, B.C. in 1981. The parent '2C-36-36' was a Summerland breeding line which was not commercially viable and which was later dropped from the breeding programme. Two propagations were made on Prunus avium rootstock and planted out in a trial block at the Summerland Research Centre in 1987. Evaluation of the selection began upon fruiting. The seedling cross was designated 'SPC136' in 1997. The variety 'SPC136' was selected on the basis of maturity date, size of fruit, firmness,

field splits, fruit shape, skin and flesh colour, fertility, cluster, productivity and precocity. Breeder: David W. Lane – Agriculture and Agri-food Canada, Summerland, BC, Canada.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	size	large
Fruit	harvest maturity	very early to early
Flowering	self-fertility	not self-fertile

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Van'	
'Sumnue'	
'Santina'	

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

Organ/Plant Part: Context	'SPC136'	'Santina'	'Sumnue'	'Van'
☐ Tree: vigour	medium	medium	strong	weak to medium
☐ *Tree: habit	upright	spreading	upright	upright
☐ Young shoot: anthocyanin colouration of apex	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Young shoot: pubescence of apex	very weak	very weak to weak	very weak	very weak
☐ *One-year-old shoot: length of internode	short	normal	normal	short
☐ One-year-old shoot: number of lenticels	medium to many	many	few	medium to many
☐ One-year-old shoot: thickness	medium	thin to medium		medium
☐ Leaf blade: length	medium	long	long	medium

☐ Leaf blade: width	medium	medium	medium	narrow to medium
☐ *Leaf blade: ratio length/width	medium	large	large	medium
☐ Leaf blade: intensity of green colour of upper side	dark	dark	medium	dark
☐ *Leaf: length of petiole	medium	medium	medium	medium
☐ *Leaf: presence of nectaries	present	present	present	present
☐ Nectaries: colour	light red	dark red	light red	purple
☒ Flower: diameter	large	medium	medium	medium
☐ Flower: shape of petal	circular	medium obovate	broad obovate	circular
☒ Flower: arrangement of petals	overlapping	free	intermediate	intermediate
☒ *Fruit: size	very large	large	large	medium
☐ *Fruit: shape	reniform	oblate	reniform	reniform
☒ Fruit: suture	absent or very weakly conspicuous	strongly conspicuous	absent or very weakly conspicuous	strongly conspicuous
☐ *Fruit: length of stalk	long	medium	medium	medium
☐ Fruit: thickness of stalk	medium	medium	medium to thick	thin to medium
☐ *Fruit: colour of skin	light red	dark red	dark red	dark red
☐ Fruit: size of lenticels on skin	medium	small	medium	small
☐ Fruit: number of lenticels on skin	few	few	few	few
☐ *Fruit: colour of flesh	dark red	dark red	dark red	dark red
☐ Fruit: colour of juice	purple	purple	purple	purple
☐ *Fruit: firmness	firm	medium	firm	medium
☐ Fruit: acidity	low	medium	medium	medium
☐ Fruit: sweetness	medium	medium	low to medium	high
☐ Fruit: juiciness	strong	strong	medium	medium to strong

☒ *Stone: size	large	medium to large	medium to large	medium
☐ *Stone: shape in ventral view	broad elliptic	broad elliptic	circular	circular
☐ *Time of: beginning of flowering	late	early	medium	early
☒ *Time of: beginning of fruit ripening	very early to early	very early	very early to early	early

Prior Applications and Sales:

Country	Year	Status	Variety name
Canada	2005	Granted	SPC136
USA	2014	Granted	SPC136

First sold 26/08/2013 in Canada

Description: John Oates, Merimbula NSW 2548

Details of Application

Application Number	2020/127
Variety Name	'Amarena'
Genus Species	*Beta vulgaris* L. ssp. *vulgaris* var. *conditiva* Alef.
Common Name	Beetroot
Synonym	
Accepted Date	08 Oct 2020
Applicant	Vilmorin-Mikado, La Menitre, France
Agent	Spruson & Ferguson, Sydney
Qualified Person	John Oates

Details of Comparative Trial

Location	Yowrie, NSW
Descriptor	TG/60/7
Period	December 2022 - March 2023
Conditions	Trial direct seeded into fine loam soil, grown as per organic protocols. Drip irrigation as required.
Trial Design	Adjacent rows, 100 plants per variety.
Measurements	As per UPOV technical guidelines.
RHS Chart - edition	6th Edition 2015

Origin and Breeding

Controlled Pollination: Cross between 'BB207' ('Rubens', Advanseed variety) and 'BB16001'. Inbred and pedigree selection to the F5 generation. Deemed stable and maintained as an open-pollinated variety since this cycle. Breeder: Vilmorin S.A., La Menitre, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	colour	mainly red
Root	shape in longitudinal section	obovate
Root	external colour	reddish purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ruby Lips'	

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
‘Rubens’	Rootshape in longitudinal section	obovate	circular	
'True Blood'	Leaf length	medium	short	
'True Blood'	Leaf width	medium	narrow	

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

Organ/Plant Part: Context	‘Amarena’	'Ruby Lips'
☐ Leaf: attitude of petiole	semi-erect	semi-erect
☐ *Leaf: attitude of blade	semi-erect	semi-erect
☐ *Leaf: length (including petiole)	long	long
☐ *Leaf blade: length	medium	medium
☐ *Leaf blade: width	medium	broad
☐ *Leaf blade: shape	medium elliptic	broad elliptic
☐ *Leaf blade: colour	mainly red	mainly red
☐ Leaf blade: red colouration of veins	strong	strong
☐ *Leaf blade: undulation of margin	medium to strong	strong
☐ *Leaf blade: blistering	weak	weak
☐ Petiole: width of base (at root insertion)	narrow to medium	narrow to medium
☒ *Petiole: main colour of lower side	red	purple

☐ *Root: position in soil	shallow	shallow
☐ *Root: shape in longitudinal section	obovate	obovate
☐ *Root: length	short	short
☐ *Root: width	medium	medium
☐ Root: ratio length/width ratio	small to medium	small to medium
☐ *Root: shape of tip	pointed	pointed
☐ Root: corkiness	absent or very weak	absent or very weak
☐ *Root: external colour	reddish purple	reddish purple
☐ *Root: main colour of flesh	red	red
☐ Root: intensity of main colour of flesh	dark	dark
☐ Root: prominence of rings	medium to strong	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Amarena'	'Ruby Lips'
☒ Petiole: main colour of lower side	N79A	59A
☐ Leaf blade: upper side colour RHS	200A	N187A
☒ Leaf blade: Lower side colour RHS	79A	200B
☐ Leaf blade: lower side centre vein colour RHS	N79A	N79A

Prior Applications and Sales:

No prior application.

First sold in the Australia on 19th Oct 2019 and in New Zealand on 12th March 2020 as 'AMARENA'

Description: John Oates, Merimbula, NSW

Details of Application

Application Number	2017/003
Variety Name	'New York 2'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	20 Jan 2017
Applicant	Cornell University, Cornell University, Ithaca. NY 14850, USA
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, Kallangur, QLD 4503
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	GEVES, France
Overseas Data Reference Number	4075448
Location	Geves, France
Descriptor	TG/14/9
Period	2017-2020
Conditions	
Trial Design	
Measurements	
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The new variety was derived from a controlled pollination in 1992 between the apple variety 'Braeburn' and the apple variety 'Autumn Crisp'. 'Autumn Crisp' is a hybrid of 'Starkspur Golden Delicious x Monroe'. One seedling designated NY92609-463 was selected from a population of 1,017 seedlings on the basis of its attractive fruits, precocity and excellent fruit quality. Pollination, cultivation and selection were conducted in Geneva NY. Additional trees of this selection were produced by clonal propagation in 1997 and subsequent years afterward in Geneva NY. NY92609-463 is being named and release as 'New York 2'. Asexual reproduction at Geneva NY by budding of the new cultivar 'New York 2' by the inventors shows that the unique combination of characteristics of asexually propagated trees is true to form and transmitted through succeeding propagations. Breeder: Susan K. Brown & Kevin Maloney - Cornell University, Ithaca. NY 14850, USA.

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

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

Fruit	intensity of overcolour	dark to very dark
Fruit	time of beginning of flowering	medium
Fruit	time of eating maturity	late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mariri Red'	

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

Organ/Plant Part: Context	'New York 2'	'Mariri Red'
☐ Tree: vigour	weak to medium	
☐ *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	
☐ *One-year-old shoot: length of internode	medium to long	
☐ One-year-old shoot: colour on sunny side	dark brown	
☐ One-year-old shoot: pubescence	medium	
☐ *One-year-old shoot: number of lenticels	medium	
☐ *Leaf blade: attitude in relation to shoot	upwards	
☐ *Leaf blade: length	medium to long	
☐ *Leaf blade: width	narrow	
☐ *Leaf blade: ratio length/width	large	
☐ Leaf blade: intensity of green colour	medium	
☐ Leaf blade: incisions of margin	crenate	
☐ Leaf blade: pubescence on lower side	strong	
☐ *Petiole: length	long	

☐	Petiole: extent of anthocyanin colouration from base	medium
☐	*Flower: predominant colour at balloon stage	dark pink
☐	*Flower: diameter with petals pressed into horizontal position	large
☐	*Flower: arrangement of petals	intermediate
☐	Flower: position of stigmas relative to anthers	same level
☐	Young fruit: extent of anthocyanin overcolour	large
☐	*Fruit: size	large
☐	*Fruit: height	medium to tall
☐	*Fruit: diameter	large
☐	*Fruit: ratio height/diameter	medium
☐	*Fruit: general shape	conic
☐	Fruit: ribbing	moderate
☐	Fruit: crowning at calyx end	strong
☐	*Fruit: size of eye	large
☐	Fruit: length of sepal	medium to long
☐	*Fruit: bloom of skin	absent or weak
☐	Fruit: greasiness of skin	moderate
☐	*Fruit: ground colour	yellow
☐	*Fruit: relative area of over colour	large to very large
☐	*Fruit: hue of over colour – with bloom removed	purple red
☒	*Fruit: intensity of over colour	dark to very dark medium
☐	*Fruit: pattern of over colour	solid flush with weakly defined stripes
☐	*Fruit: width of stripes	medium
☐	*Fruit: area of russet around stalk attachment	absent or small
☐	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	short	
☐	*Fruit: thickness of stalk	medium to thick	
☐	*Fruit: depth of stalk cavity	deep	
☐	*Fruit: width of stalk cavity	very broad	
☐	*Fruit: depth of eye basin	medium to deep	
☐	*Fruit: width of eye basin	broad to very broad	
☐	*Fruit: firmness of flesh	medium	
☐	*Fruit: colour of flesh	cream	
☐	*Fruit: aperture of locules	closed or slightly open	
☒	*Time of: beginning of flowering	medium	early
☒	Time for: harvest	late to very late	very late
☒	*Time of: eating maturity	late	very late

Prior Applications and Sales:

Country	**Year**	**Status**	**Denomination**
USA	2009	Granted	'New York 2'
South Africa	2017	Pending	'New York 2'
New Zealand	2017	Pending	'New York 2'
Switzerland	2017	Granted	'New York 2'
Canada	2010	Pending	'New York 2'
Chile	2017	Granted	'New York 2'
Republic of Korea	2017	Pending	'New York 2'
Argentina	2017	Granted	'New York 2'
European Union	2017	Granted	'New York 2'
France	2017	Granted	'New York 2'

First sold on 08 April 2011 in USA.

Description: Gavin Porter, Kallangur, QLD

Details of Application

Application Number	2019/028
Variety Name	'MB01'
Genus Species	*Metrosideros collina*
Accepted Date	09-Apr-2019
Applicant	Vic John Ciccolella, Oakville, NSW 2765
Agent	Ozbreed Pty Ltd, Clarendon, NSW 2756
Qualified Person	John Oates

Details of Comparative Trial

Location	Clarendon NSW
Descriptor	TG/211/1(Tea Tree, *Leptospermum*)
Period	June 2021 - May 2023
Conditions	Plants grown in premium potting mix in 50cm black plastic pots, no overhead shading. Overhead irrigation as required.
Trial Design	Random block
Measurements	As per UPOV Technical requirements.
RHS Chart - edition	N/A

Origin and Breeding

Mutation Selection: In a commercial nursery an off-type stem mutation(sport) was observed in October 2014; the new characteristic was a blue-grey stem colour in contrast to the green stem colour of the main plant. Cuttings were taken and the resultant plants were observed for the selected character and for any other variations; all plants were stable for blue stem colour and nil variations. The selection has been named 'MB01' and has been stable through at least 5 generations of vegetative propagation. Breeder: V J Ciccolella, Oakville, NSW 2765, 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 habit	bushy
Leaf blade	attitude in relation to stem	oblique
Leaf blade	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Thomasil'	*Metrosideros collina*

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
'Springfire'	young shoot: colour	yellow green	red	

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

Organ/Plant Part: Context	'MB01'	'Thomasil'
☐ Plant: growth habit	bushy	bushy
☒ Plant: height	tall	short
☐ Plant: attitude of branches	semi-erect	semi-erect
☐ Plant: curvature of branches at distal end	straight	straight
☒ Plant: width	medium to broad	narrow
☐ Young shoot: main colour	yellow green	yellow green
☐ Young shoot: hairiness	medium	medium
☐ *Young leaf: main colour	yellow green	yellow green
☐ Leaf blade: attitude in relation to stem	oblique	oblique
☐ *Leaf blade: length	medium	medium
☐ *Leaf blade: width	medium	medium
☐ Leaf blade: shape	elliptic	elliptic
☐ Leaf blade: profile in cross section	recurved	recurved

☐ Leaf blade: shape of apex	acute	acute
☐ *Leaf blade: variegation	absent	absent
☒ Leaf blade: main colour of upper side	yellow green	medium green
☐ Leaf blade: glossiness of upper side	medium	weak to medium
☒ Leaf blade: hairiness on lower side	absent or weak	strong
☐ Flower bud: hairiness	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'MB01'**	**'Thomasil'**
☒ Stem: internodal length	long	short
☒ Flower bud: predominant colour	green medium	green light

Prior Applications and Sales: Nil

Description: John Oates, Merimbula, NSW 2548

Details of Application

Application Number	2018/121
Variety Name	'Rutgers Obsession DMR'
Genus Species	*Ocimum basilicum*
Common Name	Basil
Accepted Date	25 Jul 2018
Applicant	Rutgers, The State University of New Jersey, New Brunswick, New Jersey, USA
Agent	Phillips Ormonde Fitzpatrick, Melbourne, Vic 8007
Qualified Person	John Oates

Details of Comparative Trial

Location	Yowrie, NSW
Descriptor	TG/200/2
Period	December 2022 - March 2023
Conditions	Direct sown into light loam field, drip irrigation as required. organic growing conditions.
Trial Design	Randomised block design. 100 plants per generation of applicant and of the comparator.
Measurements	As per UPOV Technical Guidelines.
RHS Chart - edition	6th Edition

Origin and Breeding

Controlled pollination: Commencing August 2012, the parents 'MR1' and 'SB22' were crossed; from the resultant self-pollinated seedlings selection continued through 5 generations from which a line (469-11) was crossed with a male line 'SB13'. Selection then continued through three generations of self-pollination where the line 47_21_07 was selected for the various selection criteria, in particular downy mildew resistance. Breeder: James E. Simon, Robert Michael Pyne, Christain Andrew Wyenandt; Rutgers, The State University of New Jersey, New Brunswick, NJ, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright
Leaf blade	intensity of anthocyanin coloration	absent or very weak

Flower	color of corolla	white
Flowering	beginning of	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Large Sweet'	

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**
'Eleonora'	**leaf blade: profile in cross section**	**concave**	**convex**	
	Variety			

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

Organ/Plant Part: Context	**'Rutgers Obsession DMR**	**'Large Sweet'**
☐ Plant: growth habit	upright	upright
☒ Plant: height	medium to tall	short to medium
☐ Stem: anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf blade: shape	medium ovate	medium ovate
☐ Leaf blade: length	medium	medium
☐ Leaf blade: width	medium	medium
☐ Leaf blade: intensity of anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf blade: intensity of green colour	medium to dark	medium
☐ Leaf blade: glossiness	weak to medium	weak to medium
☐ Leaf blade: blistering	medium to strong	weak to medium
☐ Leaf blade: profile in cross section	concave	concave

☐ Leaf blade: serration of margin	weak	weak
☐ Leaf blade: undulation of margin	absent or very weak to weak	absent or very weak to weak
☐ Petiole: length	long	long
☐ Flowering stem: length	medium to long	medium
☐ Flowering stem: length of internodes	short	short to medium
☐ Flower: hairiness of upper sepal	medium	medium
☐ Flower: colour of corolla	white	white
☐ Flower: colour of style	white	white
☐ Only seed-propagated varieties: beginning of flowering	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Rutgers Obsession DMR	'Large Sweet'
☒ **Leaf: shape of base**	cuneate	obtuse
☒ **Plant: branch density**	dense	medium
☒ **Inflorescence: height from ground (cm)**	medium to tall	medium
☐ **Stem: intensity of anthocyanin**	absent to very weak	absent to very weak
☐ **Stem: hairiness**	absent	absent
☐ **Leaf blade: colouration of anthocyanin**	absent	absent
☒ **Leaf blade: green colour RHS**	137A	138A
☐ **Flowering: Days emergence to first flower**	65	65
☐ **Flowering stem: hairiness of bracts**	present	present
☒ **Stem: number of flowering stems**	more than five	three to five

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2017	Pending	'47_21_07'
EU	2018	Withdrawn	'Rutgers Obsession DMR'

Canada	2018	Withdrawn	‘Rutgers Obsession DMR’

First sold in the Australia as ‘47_21_07’ on 17th Jan 2018

Description: John Oates, Merimbula, NSW

Details of Application

Application Number	2020/254
Variety Name	'Wonchu'
Genus Species	*Diospyros kaki*
Accepted Date	20 May 2021
Applicant	Republic of Korea (Rural Development Administration), Jeollabuk-do 54875, Republic of Korea
Agent	Spruson & Ferguson, Brisbane, QLD 4000
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	Korea Seed & Variety Service (KSVS), MAFRA
Overseas Data Reference Number	
Location	Gyeongnam Branch Office/Miryang-si
Descriptor	2004-03-21, TG/92/4
Period	April 2018 - October 2021
Conditions	
Trial Design	
Measurements	As per UPOV Technical Guidelines
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Varieties 'Shinshu' and 'Taishu' were hybridised in 2005. The line 5-17-50 was first selected from one of seedling of the cross of 'Shinshu' and 'Taishu' in 2013. Finally selected 05-17-50 as a variety in 2015 after an annual assessment of tree growth and fruit characteristics. It was formally named 'Wonchu' and variety rights were first applied at Korea Seed & Variety Service in 2016. Breeders: Kyeong-Bok Ma, Kwang-Sik Cho, Jin-Ho Choi, il-Shoeb Shin, Yoon-Kyeong Kim, Kyung-H Won and Myeong-Su Kim. The Korean Rural Development Administratio, Jeollabuk-do, 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 view	oblate

Fruit	colour of skin (varieties with astringency always absent or sometimes present only)	yellow orange
Fruit	stringency	always absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sangseojosaeng'	

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
'Uenishiwase'	Flower	sex expression	pistillate and staminate	pistillate only	
'Uenishiwase'	Fruit	general shape in longitudinal section	round	flat	

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

Organ/Plant Part: Context	'Wonchu'	'Sangseojosaeng'
☐ Tree: vigour	medium	
☐ *Tree: habit	semi-upright	
☒ One-year-old shoot: length of internode	medium to long	short to medium
☐ One-year-old shoot: number of lenticels	medium to many	
☐ One-year-old shoot: size of lenticels	small to medium	
☐ One-year-old shoot: shape of lenticels	elliptic	
☐ One-year-old shoot: colour (sunny side)	yellow brown	brown
☐ *One-year-old shoot: shape of bud in profile view	broad ovate	triangular
☐ *Leaf blade: shape	ovate	elliptic
☒ *Leaf blade: shape of base	obtuse	broad acute
☐ Leaf blade: shape of apex	acuminate	

☒ *Tree: sex expression of flowers	female and male	female only
☐ Female flower: shape of calyx viewed from above	irregular cruciform	regular cruciform
☐ *Female flower: number of corolla lobes	four	
☒ *Fruit: size	large to very large	small to medium
☐ *Fruit: general shape in lateral view	oblate	
☐ *Fruit: general shape in cross section	circular	
☐ *Fruit: shape of apex in longitudinal section	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	medium	absent or very few
☐ Fruit: calyx attachment	strongly depressed	
☐ Fruit: groove at calyx end	absent	
☐ Fruit: cracking at calyx end	moderate	
☒ Fruit: calyx size compared with fruit diameter	small	medium
☐ *Fruit: attitude of calyx	semi-erect	
☒ Fruit: width of sepal	narrow to medium	medium to broad
☐ Fruit: thickness of stalk	medium to thick	thin to medium
☐ *Fruit: colour of skin (varieties with astringency always absent or sometimes present only)	yellow orange	
☐ *Fruit: colour of flesh (varieties with astringency always absent or sometimes present only)	yellow orange	
☐ Fruit: presence of brown speck in flesh	always absent	
☒ Seed: size	medium to large	small to medium
☐ Seed: shape in lateral view	broad ovate	
☐ Seed: colour	dark brown	

☐ Fruit: astringency always absent

Prior Applications and Sales:

Country	Year	Status	Variety name
Republic of Korea	2016	Granted	Wonchu

First sold in 2016 in Republic of Korea

Description: John Oates, Merimbula 2548

Details of Application

Application Number	2018/367
Variety Name	'BigBucks'
Genus Species	*Malus domestica*
Common Name	Apple
Synonym	
Accepted Date	19 Dec 2018
Applicant	Pink Vein Pty Ltd, Elgin, South Africa
Agent	Fruit Varieties International Pty Ltd, Grove, Tas 7109
Qualified Person	Gordon Brown

Details of Comparative Trial

Location	Lucaston, Tasmania, Australia, 7109
Descriptor	UPOV TG/14/9, (Apple (Fruit Varieties)
Period	2018-2023
Conditions	The trial was top worked onto a row of young rootstocks in a budwood block of a commercial nursery. Trees were planted at 1m spacings in rows 3m wide and were supported on an upright trellis wire system. Weeds within the row were controlled with herbicides and the row space was mowed regularly. Overhead irrigation was employed and ground based fertilizer used. Pests and diseases were controlled with conventional pesticides.
Trial Design	RCBD with 12 replicates
Measurements	All UPOV characters as specified in the technical guidelines
RHS Chart - edition	5th

Origin and Breeding

Spontaneous mutation or sport: The new Malus variety was discovered as a whole tree mutation of 'Tenroy Gala' growing in a commercial orchard in 2011 in Elgin, South Africa. The new Malus variety was selected by the inventors based on its superior dark red blush over colour which is distinguished from the parent variety which has a medium red over colour. Breeder: Derek Corder, Pink Vein Pty Ltd, Elgin, 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
Tree	type	ramified

Tree	habit (varieties with ramified tree type only)	spreading
Fruit	general shape	conic
Fruit	hue of over color - with bloom removed	purple red
Time of	beginning of flowering	medium
Time of	eating maturity	medium
Fruit	ratio height/diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Alvina'	
'Galaval'	

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
'Buckeye'	Fruit	relative area of overcolour	very large	medium	
'Baigent'	fruit	relative area of overcolour	very large	medium	
'Galaxy'	fruit	relative area of overcolour	very large	medium	
'Cherry Gala'	fruit	intensity of overcolour	dark	light to 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	'BigBucks'	'Alvina'	'Galaval'
☐ Tree: vigour	strong	strong	strong
☐ *Tree: type	ramified	ramified	ramified
☐ *Tree: habit (varieties with ramified tree type only)	spreading	spreading	spreading
☐ Tree: type of bearing	on spurs and long shoots	on spurs and long shoots	on spurs and long shoots

☐ One-year-old shoot: thickness	thin to medium	thin to medium	thin to medium
☐ *One-year-old shoot: length of internode	short to medium	short to medium	short to medium
☐ One-year-old shoot: colour on sunny side	dark brown	dark brown	dark brown
☐ One-year-old shoot: pubescence	weak	weak	weak to medium
☐ *One-year-old shoot: number of lenticels	few	few	few
☐ *Leaf blade: attitude in relation to shoot	outwards	outwards	outwards
☐ *Leaf blade: length	short to medium	short to medium	short to medium
☐ *Leaf blade: width	very narrow to narrow	very narrow to narrow	very narrow to narrow
☐ *Leaf blade: ratio length/width	large	large	large
☐ Leaf blade: intensity of green colour	medium to dark	medium to dark	medium to dark
☐ Leaf blade: incisions of margin	serrate type 1	serrate type 1	serrate type 1
☐ Leaf blade: pubescence on lower side	medium	medium	medium
☐ *Petiole: length	medium	medium	medium
☒ Petiole: extent of anthocyanin colouration from base	large	small to medium	small
☐ *Flower: predominant colour at balloon stage	dark pink	dark pink	dark pink
☐ *Flower: diameter with petals pressed into horizontal position	medium	medium	medium
☐ *Flower: arrangement of petals	free	free	free
☐ Flower: position of stigmas relative to anthers	above	above	above
☒ Young fruit: extent of anthocyanin overcolour	very large	medium	medium
☐ *Fruit: size	small to medium	small to medium	small to medium
☐ *Fruit: height	medium	medium	medium
☐ *Fruit: diameter	medium	medium	medium
☐ *Fruit: ratio height/diameter	medium	medium	medium
☐ *Fruit: general shape	conic	conic	conic
☐ Fruit: ribbing	moderate	moderate	moderate

☐ Fruit: crowning at calyx end	moderate	moderate	moderate
☐ *Fruit: size of eye	medium	small to medium	small to medium
☐ Fruit: length of sepal	long	long	medium
☐ *Fruit: bloom of skin	moderate	moderate	moderate
☐ Fruit: greasiness of skin	absent or weak	absent or weak	absent or weak
☐ *Fruit: ground colour	whitish green	yellow green	yellow green
☒ *Fruit: relative area of over colour	very large	large	large
☐ *Fruit: hue of over colour – with bloom removed	purple red	purple red	purple red
☐ *Fruit: intensity of over colour	dark	medium to dark	medium to dark
☒ *Fruit: pattern of over colour	only solid flush	flushed, striped and mottled	solid flush with strongly defined stripes
☒ *Fruit: width of stripes	very narrow	narrow to medium	medium to broad
☐ *Fruit: area of russet around stalk attachment	absent or small	absent or small	absent or small
☐ Fruit: area of russet on cheeks	absent or small	absent or small	absent or small
☐ *Fruit: area of russet around eye basin	absent or small	absent or small	absent or small
☐ Fruit: number of lenticels	many	medium to many	many
☐ Fruit: size of lenticels	small	very small to small	very small
☐ *Fruit: length of stalk	long	long	long
☐ *Fruit: thickness of stalk	medium	thick	thick
☐ *Fruit: depth of stalk cavity	deep	deep	medium to deep
☐ *Fruit: width of stalk cavity	narrow	narrow	narrow
☐ *Fruit: depth of eye basin	medium to deep	medium	shallow
☐ *Fruit: width of eye basin	narrow to medium	narrow	narrow
☐ *Fruit: firmness of flesh	firm to very firm	firm to very firm	very firm
☐ *Fruit: colour of flesh	yellowish	cream	yellowish
☐ *Fruit: aperture of locules	moderately open	moderately open	fully open

☐ *Time of: beginning of flowering	medium	medium	medium
☐ Time for: harvest	medium	medium	medium
☐ *Time of: eating maturity	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BigBucks'	'Alvina'	'Galaval'
☒ Flower: receptacle colour	dark red	pale pink	pale pink

Prior Applications and Sales:

Country	Year	Status	Name Applied
South Africa	2011	granted	'BigBucks'
EU	2016	pending	'BigBucks'
USA	2018	pending	'BigBucks'

First sold in South Africa as 'Bigbucks' on 29th June 2017

Description: **Gordon Brown**, Grove, Tasmania

Details of Application

Application Number	2018/074
Variety Name	'Xeleven'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	01 Jun 2018
Applicant	Red Moon GmbH, Bozen, Italy
Agent	Page Family Nurseries Pty Ltd, Grove, Tas 7109
Qualified Person	Garry Langford

Details of Comparative Trial

Location	40 Pages Road Grove TAS 7109
Descriptor	14/9
Period	2019-2022
Conditions	The candidate is planted in a commercial test site in the Huon Valley. Conditions are ideal for the production of apples.
Trial Design	6 trees of the candidate and the comparator are planted adjacent to one another
Measurements	Metric system
RHS Chart - edition	2000

Origin and Breeding

Open pollination: The candidate was selected in 1994 from seed collected from open pollinated flowers of a variety resulting from the crossing of 'Esopus Sptizenberg' op x 'PRI612-1' x 'Gala'. Observations were made in the period to 2004. The candidate was selected in 2004 based on its resistance to apple scab and long term storability. Breeder: Jean-Luc Carrieres, Montcuq, France

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Fruit	hue of overcolour with any bloom removed	red
Time of	beginning of flowering	medium
Time of	eating maturity	late or very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Braeburn'	

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
'Fuji' ('Naga Fu 2')	Fruit hue of overcolour with bloom removed	red	brown-red	
'ANABP 01'	Fruit hue of overcolour with bloom removed	red	purple red	
'Cripps Pink'	Fruit timing of eating maturity	medium to late	very late	

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

Organ/Plant Part: Context	'Xeleven'	'Braeburn'
☒ Tree: vigour	weak to medium	medium to strong
☐ *Tree: type	ramified	ramified
☒ *Tree: habit (varieties with ramified tree type only)	spreading	upright
☐ Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
☐ One-year-old shoot: thickness	medium to thick	medium to thick
☐ *One-year-old shoot: length of internode	medium	medium to long
☐ One-year-old shoot: colour on sunny side	reddish brown	dark brown
☒ One-year-old shoot: pubescence	weak to medium	strong
☒ *One-year-old shoot: number of lenticels	many	few
☒ *Leaf blade: attitude in relation to shoot	upwards	outwards
☐ *Leaf blade: length	long	medium

☐ *Leaf blade: width	medium	medium
☐ *Leaf blade: ratio length/width	medium to large	medium
☐ Leaf blade: intensity of green colour	medium	dark
☒ Leaf blade: incisions of margin	serrate type 2	serrate type 1
☐ Leaf blade: pubescence on lower side	absent or weak	medium
☐ *Petiole: length	long	long
☐ Petiole: extent of anthocyanin colouration from base	large	small
☐ *Flower: predominant colour at balloon stage	dark pink	
☐ *Flower: diameter with petals pressed into horizontal position	large	
☐ *Flower: arrangement of petals	intermediate	
☐ Flower: position of stigmas relative to anthers	above	
☐ Young fruit: extent of anthocyanin overcolour	medium	
☐ *Fruit: size	medium to large	medium to large
☐ *Fruit: height	medium to tall	tall to very tall
☐ *Fruit: diameter	medium to large	medium
☐ *Fruit: ratio height/diameter	medium to large	medium to large
☒ *Fruit: general shape	cylindrical	conic
☐ Fruit: ribbing	moderate	moderate
☒ Fruit: crowning at calyx end	moderate	absent or weak
☐ *Fruit: size of eye	large	medium
☐ Fruit: length of sepal	short to medium	medium
☐ *Fruit: bloom of skin	absent or weak	absent or weak
☐ Fruit: greasiness of skin	absent or weak	absent or weak
☐ *Fruit: ground colour	yellow	whitish green
☒ *Fruit: relative area of over colour	large to very large	medium to large
☐ *Fruit: hue of over colour – with bloom removed	red	red

☐ *Fruit: intensity of over colour	dark	medium
☒ *Fruit: pattern of over colour	solid flush with weakly defined stripes	solid flush with strongly defined stripes
☒ *Fruit: width of stripes	narrow to medium	medium to broad
☐ *Fruit: area of russet around stalk attachment	medium	absent or small
☐ Fruit: area of russet on cheeks	absent or small	absent or small
☐ *Fruit: area of russet around eye basin	absent or small	absent or small
☐ Fruit: number of lenticels	medium to many	medium to many
☐ Fruit: size of lenticels	medium	small to medium
☐ *Fruit: length of stalk	medium to long	short to medium
☐ *Fruit: thickness of stalk	thin to medium	medium to thick
☐ *Fruit: depth of stalk cavity	deep	medium to deep
☐ *Fruit: width of stalk cavity	medium	medium
☒ *Fruit: depth of eye basin	medium to deep	shallow
☐ *Fruit: width of eye basin	medium	medium
☐ *Fruit: firmness of flesh	very firm	very firm
☐ *Fruit: colour of flesh	cream	cream
☐ *Fruit: aperture of locules	closed or slightly open	closed or slightly open
☐ *Time of: beginning of flowering	medium	medium
☒ Time for: harvest	very late	late
☐ **Time of: eating maturity	very late	late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Switzerland	2017	Pending	‘Xeleven’

EU	2014	Granted	‘Xeleven’
NZ	2017	Pending	‘Xeleven’

First sold in France as ‘Xeleven’ on 18th Dec 2014

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

Details of Application

Application Number	2018/054
Variety Name	'RM-1'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	16 Mar 2018
Applicant	Red Moon GmbH, Bozen, Italy.
Agent	Page Family Nurseries Pty Ltd trading as TANGARA NURSERY, Tas.
Qualified Person	Garry Langford

Details of Comparative Trial

Location	40 Pages Road Grove TAS 7109
Descriptor	Apple (*Malus domestica)* TG/14/9
Period	2018-2022
Conditions	The candidate is growing in a commercial evaluation site in the Huon Valley in conditions ideal for the production of apples.
Trial Design	6 trees of the candidate
Measurements	metric
RHS Chart - edition	2000

Origin and Breeding

Open pollination: the candidate was selection from a population of open pollinated seedlings in Montcuq in France in 2000. The candidate was selected in 2006 following evaluation of trees produced from the original tree. The candidate selected on the basis of its red internal flesh colour. Breeder: Jean-Luc Carrieres, Montcuq, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Fruit	hue of overcolour with any bloom removed	red
Fruit	timing of eating maturity	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ANABP 01'	A variety with similar over colour and harvest maturity

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
'RS1'	maturity	late	medium	

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

Organ/Plant Part: Context	'RM-1'	'ANABP 01'
☐ Tree: vigour	medium to strong	medium
☐ *Tree: type	ramified	ramified
☐ *Tree: habit (varieties with ramified tree type only)	spreading	spreading
☐ Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
☐ One-year-old shoot: thickness	medium	thick
☐ *One-year-old shoot: length of internode	medium	short
☐ One-year-old shoot: colour on sunny side	dark brown	dark brown
☐ One-year-old shoot: pubescence	strong	weak
☐ *One-year-old shoot: number of lenticels	very few	medium
☐ *Leaf blade: attitude in relation to shoot	upwards	upwards
☐ *Leaf blade: length	medium to long	short to medium
☐ *Leaf blade: width	medium	narrow to medium
☐ *Leaf blade: ratio length/width	medium to large	medium
☒ Leaf blade: intensity of green colour	dark	medium
☐ Leaf blade: incisions of margin	crenate	serrate type 1
☐ Leaf blade: pubescence on lower side	medium	medium

☐ *Petiole: length	short to medium	short
☐ Petiole: extent of anthocyanin colouration from base	very large	large to very large
☒ *Flower: predominant colour at balloon stage	dark red	dark pink
☐ *Flower: diameter with petals pressed into horizontal position	medium	medium to large
☐ *Flower: arrangement of petals	intermediate	intermediate
☐ Flower: position of stigmas relative to anthers	above	above
☒ Young fruit: extent of anthocyanin overcolour	very large	medium to large
☐ *Fruit: size	large	medium to large
☐ *Fruit: height	medium to tall	short to medium
☐ *Fruit: diameter	medium	medium to large
☐ *Fruit: ratio height/diameter	medium to large	small
☐ *Fruit: general shape	globose	obloid
☐ Fruit: ribbing	moderate	moderate
☐ Fruit: crowning at calyx end	absent or weak	moderate
☐ *Fruit: size of eye	medium	medium to large
☐ Fruit: length of sepal	medium	short to medium
☐ *Fruit: bloom of skin	moderate	moderate
☐ Fruit: greasiness of skin	absent or weak	moderate
☒ *Fruit: ground colour	not visible	yellow
☐ *Fruit: relative area of over colour	large to very large	large to very large
☐ *Fruit: hue of over colour – with bloom removed	red	purple red
☐ *Fruit: intensity of over colour	dark	very dark
☐ *Fruit: pattern of over colour	only solid flush	only solid flush
☐ *Fruit: width of stripes	very narrow	very narrow
☐ *Fruit: area of russet around stalk attachment	large	medium
☐ Fruit: area of russet on cheeks	absent or small	absent or small

☐ *Fruit: area of russet around eye basin	absent or small	absent or small
☐ Fruit: number of lenticels	many	many to very many
☐ Fruit: size of lenticels	medium to large	small to medium
☐ *Fruit: length of stalk	short	short to medium
☐ *Fruit: thickness of stalk	medium to thick	thick
☐ *Fruit: depth of stalk cavity	medium	medium
☐ *Fruit: width of stalk cavity	narrow to medium	medium
☐ *Fruit: depth of eye basin	shallow to medium	shallow
☐ *Fruit: width of eye basin	medium	medium to broad
☐ *Fruit: firmness of flesh	firm	firm
☒ *Fruit: colour of flesh	reddish	cream
☐ *Fruit: aperture of locules	closed or slightly open	closed or slightly open
☐ *Time of: beginning of flowering	late to very late	medium to late
☐ Time for: harvest	late	very late
☐ *Time of: eating maturity	late	late to very late

Prior Applications and Sales:

Country	Year	Status	Name Applied
QZ	2014	Granted	'RM1'
FR	2015	Granted	'RM1'
GB	2019	Granted	'RM1'

First sold in Dec2014 in Italy.

Description: **Garry Langford**, Grove, Tas, 7109.

Details of Application

Application Number	2018/053
Variety Name	'RS1'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	16 Mar 2018
Applicant	Red Moon GmbH, Bozen, Italy.
Agent	Page Family Nurseries Pty Ltd trading as TANGARA NURSERY, Tas.
Qualified Person	Garry Langford

Details of Comparative Trial

Location	40 Pages Road Grove TAS 7109
Descriptor	Apple (*Malus domestica)* TG/14/9
Period	2018-2023
Conditions	The candidate is growing in a commercial evaluation site in the Huon Valley in conditions ideal for the production of apples.
Trial Design	6 trees each of the candidate and comparator are planted adjacent to one another.
Measurements	metric
RHS Chart - edition	2000

Origin and Breeding

Open pollination: the candidate was selected from a population of open pollinated seedlings in Montcuq, France in 2000. The candidate was selected in 2006 for is red internal flesh colour. Breeder: Jean-Luc Carrieres, Montcuq, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Fruit	hue of overcolour with any bloom removed	red
Fruit	timing of eating maturity	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'RM1'	A red fleshed variety from the same breeding program that is the comparator in the CPVO description

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

Organ/Plant Part: Context	'RS1'	'RM1'
☐ Tree: vigour	medium to strong	medium to strong
☐ *Tree: type	ramified	ramified
☐ *Tree: habit (varieties with ramified tree type only)	spreading	spreading
☐ Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
☐ One-year-old shoot: thickness	medium	medium
☐ *One-year-old shoot: length of internode	medium	medium
☒ One-year-old shoot: colour on sunny side	reddish brown	dark brown
☐ One-year-old shoot: pubescence	strong	strong
☐ *One-year-old shoot: number of lenticels	few to medium	very few to few
☐ *Leaf blade: attitude in relation to shoot	outwards	upwards
☐ *Leaf blade: length	medium	medium to long
☐ *Leaf blade: width	medium	medium
☐ *Leaf blade: ratio length/width	medium	medium to large
☐ Leaf blade: intensity of green colour	dark to very dark	dark
☒ Leaf blade: incisions of margin	serrate type 1	crenate
☐ Leaf blade: pubescence on lower side	strong	medium
☐ *Petiole: length	short to medium	short to medium
☐ Petiole: extent of anthocyanin colouration from base	very large	very large
☐ *Flower: predominant colour at balloon stage	dark red	dark red

☐ *Flower: diameter with petals pressed into horizontal position	small to medium	medium
☐ *Flower: arrangement of petals	intermediate	intermediate
☒ Flower: position of stigmas relative to anthers	below	above
☐ Young fruit: extent of anthocyanin overcolour	very large	very large
☒ *Fruit: size	medium	large
☐ *Fruit: height	medium	medium to tall
☐ *Fruit: diameter	medium to large	medium
☐ *Fruit: ratio height/diameter	medium to large	medium to large
☒ *Fruit: general shape	cylindrical	globose
☐ Fruit: ribbing	absent or weak	moderate
☐ Fruit: crowning at calyx end	moderate	absent or weak
☐ *Fruit: size of eye	medium	medium
☐ Fruit: length of sepal	short	medium
☐ *Fruit: bloom of skin	absent or weak	moderate
☐ Fruit: greasiness of skin	absent or weak	absent or weak
☒ *Fruit: ground colour	yellow green	not visible
☐ *Fruit: relative area of over colour	large	very large
☐ *Fruit: hue of over colour – with bloom removed	purple red	red
☐ *Fruit: intensity of over colour	dark to very dark	dark
☒ *Fruit: pattern of over colour	flushed, striped and mottled	only solid flush
☐ *Fruit: width of stripes	medium to broad	very narrow
☐ *Fruit: area of russet around stalk attachment	medium	large
☐ Fruit: area of russet on cheeks	absent or small	absent or small
☐ *Fruit: area of russet around eye basin	absent or small	absent or small
☐ Fruit: number of lenticels	few to medium	many
☐ Fruit: size of lenticels	medium	medium to large

☐ *Fruit: length of stalk	medium	short
☐ *Fruit: thickness of stalk	thin to medium	medium to thick
☐ *Fruit: depth of stalk cavity	medium to deep	medium
☐ *Fruit: width of stalk cavity	medium to broad	narrow to medium
☐ *Fruit: depth of eye basin	medium to deep	shallow to medium
☐ *Fruit: width of eye basin	medium	medium
☐ *Fruit: firmness of flesh	firm to very firm	firm
☐ *Fruit: colour of flesh	reddish	reddish
☐ *Fruit: aperture of locules	moderately open	closed or slightly open
☐ *Time of: beginning of flowering	medium to late	late to very late
☒ Time for: harvest	medium	late
☐ *Time of: eating maturity	medium to late	late

Prior Applications and Sales:

Country	Year	Status	Name Applied
FR	2015	Granted	'RS1'
GB	2020	Granted	'RS1'

First sold in France in March 2015.

Description: **Garry Langford**, Grove, Tas, 7109.

Details of Application

Application Number	2018/012
Variety Name	'Kizuri'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	20 Feb 2018
Applicant	Better3fruit NV, Heverlee, Belgium.
Agent	Garry Langford, Grove, TAS.
Qualified Person	Garry Langford

Details of Comparative Trial

Location	40 Pages Road Grove TAS 7109
Descriptor	Apple (*Malus domestica)* TG/14/9
Period	2018-2022
Conditions	The candidate is growing in a commercial test site in the Huon Valley which is an ideal apple growing environment.
Trial Design	6 trees of each of the candidate and comparator grown adjacent to one another
Measurements	metric
RHS Chart - edition	2000

Origin and Breeding

Controlled pollination: The controlled cross was completed in Rillaar, Belgium in May 1990. Observations were made of the seedlings from the cross between 1995 and 2002. The candidate was selected in 2001 based on fruit quality, storability, and shelf life. Breeder: Better3fruit NV, Heverlee, Belgium.

Choice of Comparators: Characteristics 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
Fruit	relative area of overcolour	medium to large
Fruit	timing of eating maturity	late to very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cripps Pink'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Fuji' ('Naga Fu 2')	Fruit	hue of overcolour with bloom removed	red	brown-red	
Liberty	Fruit	bloom of skin	moderate	absent	

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

Organ/Plant Part: Context	'Kizuri'	'Cripps Pink'
☒ Tree: vigour	weak to medium	strong
☐ *Tree: type	ramified	ramified
☐ *Tree: habit (varieties with ramified tree type only)	spreading	upright
☐ Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
☐ One-year-old shoot: thickness	thin to medium	thin
☐ *One-year-old shoot: length of internode	short to medium	
☐ One-year-old shoot: colour on sunny side	medium brown	
☐ One-year-old shoot: pubescence	weak	medium
☐ *One-year-old shoot: number of lenticels	medium	medium
☐ *Leaf blade: attitude in relation to shoot	upwards	upwards
☐ *Leaf blade: length	medium to long	medium
☐ *Leaf blade: width	narrow to medium	medium
☐ *Leaf blade: ratio length/width	medium to large	medium

☐	Leaf blade: intensity of green colour	medium to dark	
☒	Leaf blade: incisions of margin	serrate type 1	biserrate
☐	Leaf blade: pubescence on lower side	medium	
☐	*Petiole: length	long	long
☐	Petiole: extent of anthocyanin colouration from base	small to medium	
☐	*Flower: predominant colour at balloon stage	light pink	light pink
☐	*Flower: diameter with petals pressed into horizontal position	medium	small to medium
☐	*Flower: arrangement of petals	free	overlapping
☐	Flower: position of stigmas relative to anthers	below	
☐	Young fruit: extent of anthocyanin overcolour	medium	
☐	*Fruit: size	medium to large	medium
☐	*Fruit: height	tall	
☐	*Fruit: diameter	medium to large	
☐	*Fruit: ratio height/diameter	medium to large	
☐	*Fruit: general shape	globose	
☐	Fruit: ribbing	moderate	
☐	Fruit: crowning at calyx end	moderate	
☐	*Fruit: size of eye	medium	
☐	Fruit: length of sepal	long	
☐	*Fruit: bloom of skin	moderate	absent or weak
☐	Fruit: greasiness of skin	absent or weak	absent or weak
☐	*Fruit: ground colour	yellow green	yellow green
☐	*Fruit: relative area of over colour	large	medium to large
☐	*Fruit: hue of over colour – with bloom removed	red	pink red
☐	*Fruit: intensity of over colour	dark	medium to dark
☒	*Fruit: pattern of over colour	flushed, striped and mottled	only solid flush

☐	*Fruit: width of stripes	very narrow to narrow	
☐	*Fruit: area of russet around stalk attachment	absent or small	
☐	Fruit: area of russet on cheeks	absent or small	
☐	*Fruit: area of russet around eye basin	absent or small	
☐	Fruit: number of lenticels	many	
☐	Fruit: size of lenticels	medium	medium
☐	*Fruit: length of stalk	medium	
☐	*Fruit: thickness of stalk	medium	
☐	*Fruit: depth of stalk cavity	medium	
☐	*Fruit: width of stalk cavity	medium	
☐	*Fruit: depth of eye basin	medium	
☐	*Fruit: width of eye basin	medium	
☐	*Fruit: firmness of flesh	firm to very firm	firm
☐	*Fruit: colour of flesh	yellowish	greenish
☐	*Fruit: aperture of locules	closed or slightly open	
☐	*Time of: beginning of flowering	medium	early
☒	Time for: harvest	medium to late	late to very late
☐	*Time of: eating maturity	late	late to very late

Prior Applications and Sales:

Country	Year	Status	Name Applied
QZ	2014	Granted	'Kizuri'
CA	2018	Granted	'Kizuri'
NZ	2019	Granted	'Kizuri'
GB	2019	Granted	'Kizuri'

First sold in Germany in Jan 2015

Description: **Garry Langford**, Grove, Tas, 7109.

Details of Application

Application Number	2017/002
Variety Name	'New York 1'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	20 Jan 2017
Applicant	Cornell University, Ithaca. NY 14850, USA
Agent	Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd, Kallangur, QLD 4503
Qualified Person	Dr Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	GEVES (France)
Overseas Data Reference Number	4075447
Location	Geves, France
Descriptor	TG/14/9
Period	1/3/2017-1/12/2019
Conditions	
Trial Design	
Measurements	
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The new variety was derived from a controlled pollination in 1998 between the apple variety 'Honeycrisp' and the apple breeding selection NY752. NY752 is a hybrid of Starkspur Golden Delicious x NY88 (Monroe x Melrose). One seedling designated NY98804-001 was selected from a population of 381 seedlings on the basis of its attractive fruits, precocity and excellent fruit quality. Pollination, cultivation and selection were conducted in Geneva NY. Additional trees of this selection were produced by clonal propagation in 2002 and subsequent years afterward in Geneva NY. NY98804-001 is being named and release as 'New York 1'. Asexual reproduction at Geneva NY by budding of the new cultivar 'New York 1' by the inventors shows that the unique combination of characteristics of asexually propagated trees is true to form and transmitted through succeeding propagations. Breeder: Susan K. Brown & Kevin Maloney - Cornell University, Ithaca. NY 14850, USA.

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

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

Fruit	general shape	ovoid
Fruit	hue of over colour of skin - with bloom removed	red
Fruit	pattern of over colour of skin	flushed, striped and mottled
Fruit	time of harvest	medium to late
Fruit	time of eating maturity	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'RS 103 130'	

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

Organ/Plant Part: Context	'New York 1'	'RS 103 130'
☐ Tree: vigour	weak to medium	
☐ *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	
☐ *One-year-old shoot: length of internode	medium	
☐ One-year-old shoot: colour on sunny side	light brown	
☐ One-year-old shoot: pubescence	medium	
☐ *One-year-old shoot: number of lenticels	medium	
☐ *Leaf blade: attitude in relation to shoot	upwards	
☐ *Leaf blade: length	medium	
☐ *Leaf blade: width	narrow to medium	
☐ *Leaf blade: ratio length/width	large	
☐ Leaf blade: intensity of green colour	medium to dark	
☐ Leaf blade: incisions of margin	serrate type 2	

☐	Leaf blade: pubescence on lower side	medium	
☐	*Petiole: length	short to medium	
☐	Petiole: extent of anthocyanin colouration from base	medium to large	
☐	*Flower: predominant colour at balloon stage	light pink	
☐	*Flower: diameter with petals pressed into horizontal position	small to medium	
☐	*Flower: arrangement of petals	intermediate	
☐	Flower: position of stigmas relative to anthers	above	
☐	Young fruit: extent of anthocyanin overcolour	medium	
☐	*Fruit: size	medium to large	
☐	*Fruit: height	medium to tall	
☐	*Fruit: diameter	medium	
☐	*Fruit: ratio height/diameter	medium to large	
☒	*Fruit: general shape	ovoid	conic
☐	Fruit: ribbing	absent or weak	
☐	Fruit: crowning at calyx end	absent or weak	
☐	*Fruit: size of eye	medium to large	
☐	Fruit: length of sepal	medium	
☐	*Fruit: bloom of skin	absent or weak	
☐	Fruit: greasiness of skin	absent or weak	
☐	*Fruit: ground colour	yellow green	
☐	*Fruit: relative area of over colour	large to very large	
☒	*Fruit: hue of over colour – with bloom removed	red	brown red
☐	*Fruit: intensity of over colour	dark	
☒	*Fruit: pattern of over colour	flushed, striped and mottled	solid flush with strongly defined stripes
☐	*Fruit: width of stripes	medium	

☐	*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 to many	
☐	Fruit: size of lenticels	medium	
☐	*Fruit: length of stalk	medium	
☐	*Fruit: thickness of stalk	medium	
☐	*Fruit: depth of stalk cavity	deep	
☐	*Fruit: width of stalk cavity	broad	
☐	*Fruit: depth of eye basin	medium to deep	
☐	*Fruit: width of eye basin	medium to broad	
☐	*Fruit: firmness of flesh	medium	
☐	*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	late to very late
☒	*Time of: eating maturity	medium to late	late to very late

Prior Applications and Sales:

Country	Year	Status	Denomination
USA	2009	Granted	'New York 1'
South Africa	2017	Pending	'New York 1'
New Zealand	2017	Granted	'New York 1'
Switzerland	2017	Granted	'New York 1'
Canada	2010	Pending	'New York 1'
Chile	2017	Granted	'New York 1'
Republic of Korea	2017	Pending	'New York 1'
Argentina	2017	Granted	'New York 1'
European Union	2017	Granted	'New York 1'

First sold on 08 April 2011 in USA.

Description: Gavin Porter, Kallangur, QLD

Details of Application

Application Number	2016/106
Variety Name	'LJ-1000'
Genus Species	*Malus domestica*
Common Name	Apple
Synonym	N/A
Accepted Date	22 Sep 2016
Applicant	Regents of the University of Minnesota, MN, USA.
Agent	Spruson & Ferguson, Sydney, NSW.
Qualified Person	Garry Langford

Details of Comparative Trial

Overseas Testing Authority	Canada
Overseas Data Reference Number	15-8679
Location	40 Pages Road Grove TAS 7109
Descriptor	Apple (*Malus domestica)* TG/14/9
Period	2018-2022
Conditions	The candidate tree is growing in a commercial test site in a region ideal for the production of apples
Trial Design	6 trees of the candidate variety
Measurements	metric
RHS Chart - edition	2000

Origin and Breeding

Spontaneous mutation or sport: first observed as a spontaneous mutation in an orchard of Honey Crisp in Quincy, Washington, USA in September 2003. Grafting wood was collected and propagated in 2004, a further propagation was made in 2006. Observations were completed with the candidate being true to type with the original discovery. Breeder: Larry Jones, Quincy, WA, 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	type	ramified

Fruit	hue of overcolour with any bloom removed	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Honeycrisp'	

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
'Cripps Pink'	Fruit timing of eating maturity	medium	very late	

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

Organ/Plant Part: Context	'LJ-1000'	'Honeycrisp'
☐ Tree: vigour	weak	weak
☐ *Tree: type	ramified	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	
☐ *One-year-old shoot: length of internode	medium	
☐ One-year-old shoot: colour on sunny side	medium brown	
☐ One-year-old shoot: pubescence	medium	
☐ *One-year-old shoot: number of lenticels	medium	
☐ *Leaf blade: attitude in relation to shoot	upwards	
☐ *Leaf blade: length	short to medium	
☐ *Leaf blade: width	medium	
☐ *Leaf blade: ratio length/width	small to medium	
☐ Leaf blade: intensity of green colour	medium to dark	

☐	Leaf blade: incisions of margin	biserrate	
☐	Leaf blade: pubescence on lower side	absent or weak	
☐	*Petiole: length	medium to long	
☐	Petiole: extent of anthocyanin colouration from base	medium to large	
☐	*Flower: predominant colour at balloon stage	light 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	small	
☐	*Fruit: size	large to very large	
☐	*Fruit: height	medium to tall	medium
☒	*Fruit: diameter	large to very large	medium to large
☐	*Fruit: ratio height/diameter	medium to large	
☐	*Fruit: general shape	conic	
☐	Fruit: ribbing	absent or weak	
☐	Fruit: crowning at calyx end	absent or weak	
☐	*Fruit: size of eye	medium	
☐	Fruit: length of sepal	medium to long	
☐	*Fruit: bloom of skin	absent or weak	
☐	Fruit: greasiness of skin	moderate	
☐	*Fruit: ground colour	yellow	
☒	*Fruit: relative area of over colour	medium to large	small to medium
☐	*Fruit: hue of over colour – with bloom removed	red	red
☐	*Fruit: intensity of over colour	medium to dark	
☐	*Fruit: pattern of over colour	solid flush with weakly defined stripes	

☐ *Fruit: width of stripes	medium to broad
☐ *Fruit: area of russet around stalk attachment	medium
☐ Fruit: area of russet on cheeks	absent or small
☐ *Fruit: area of russet around eye basin	absent or small
☐ Fruit: number of lenticels	medium
☐ Fruit: size of lenticels	medium to large
☐ *Fruit: length of stalk	short
☐ *Fruit: thickness of stalk	medium to thick
☐ *Fruit: depth of stalk cavity	medium to deep
☐ *Fruit: width of stalk cavity	medium to broad
☐ *Fruit: depth of eye basin	medium to deep
☐ *Fruit: width of eye basin	medium
☐ *Fruit: firmness of flesh	medium
☐ *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

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2010	Granted	'LJ-1000'
CA	2015	Granted	'LJ-1000'

First sold in USA in May 2010.

Description: **Garry Langford**, Grove, Tas, 7109.

Details of Application

Application Number	2017/326
Variety Name	'Asfari'
Genus Species	*Malus domestica*
Common Name	Apple
Accepted Date	15 Dec 2017
Applicant	Better3fruit NV, 3001 Heverlee, Belgium
Agent	Garry Langford, Grove, Tasmania
Qualified Person	Garry Langford

Details of Comparative Trial

Location	40 Pages Road, Grove, TAS 7109
Descriptor	UPOV TG 14/9
Period	2017 to 2022
Conditions	Candidate trees are planted in a commercial orchard test site adjacent to comparator variety
Trial Design	6 trees of the candidate and comparator
Measurements	metric
RHS Chart - edition	2000

Origin and Breeding

Controlled pollination: The cross was completed between 'Elstar' and 'Delcorf' in Rillaar, Belgium. The first observations were made in August 2002. Fruit quality, storability and shelf life were key selection criteria. Breeder: Better3fruit NV, 3001 Heverlee, Belgium

Choice of Comparators: Characteristics 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
Fruit	relative area of overcolour	small
Time of	eating maturity	early to medium or medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments

'Golden Delicious'

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
'UEB 3264-2'	Fruit hue of overcolour with bloom removed	orange red	orange	this variety develops over colour 30 days after 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	'Asfari'	'Golden Delicious'
☐ Tree: vigour	strong	medium to strong
☐ *Tree: type	ramified	ramified
☐ *Tree: habit (varieties with ramified tree type only)	upright	spreading
☒ Tree: type of bearing	on spurs only	on spurs and long shoots
☐ One-year-old shoot: thickness	thick	medium
☐ *One-year-old shoot: length of internode	medium to long	medium
☐ One-year-old shoot: colour on sunny side	medium brown	dark brown
☐ One-year-old shoot: pubescence	medium	weak to medium
☐ *One-year-old shoot: number of lenticels	medium to many	medium to many
☐ *Leaf blade: attitude in relation to shoot	upwards	outwards
☐ *Leaf blade: length	medium to long	medium
☐ *Leaf blade: width	medium	medium
☐ *Leaf blade: ratio length/width	small to medium	small to medium
☐ Leaf blade: intensity of green colour	medium to dark	medium to dark
☒ Leaf blade: incisions of margin	bicrenate	serrate type 2
☐ Leaf blade: pubescence on lower side	medium	absent or weak
☐ *Petiole: length	medium	medium

☐ Petiole: extent of anthocyanin colouration from base	very large	very small
☐ *Flower: predominant colour at balloon stage	dark pink	dark pink
☐ *Flower: diameter with petals pressed into horizontal position	medium to large	medium to large
☐ *Flower: arrangement of petals	free	overlapping
☐ Flower: position of stigmas relative to anthers	below	below
☐ Young fruit: extent of anthocyanin overcolour	large to very large	very large
☐ *Fruit: size	large	medium
☐ *Fruit: height	medium to tall	medium
☐ *Fruit: diameter	medium to large	medium
☐ *Fruit: ratio height/diameter	small to medium	medium
☐ *Fruit: general shape	conic	globose
☐ Fruit: ribbing	absent or weak	moderate
☒ Fruit: crowning at calyx end	moderate	absent or weak
☐ *Fruit: size of eye	small to medium	small to medium
☐ Fruit: length of sepal	short	long
☐ *Fruit: bloom of skin	absent or weak	absent or weak
☐ Fruit: greasiness of skin	absent or weak	absent or weak
☐ *Fruit: ground colour	yellow	yellow
☐ *Fruit: relative area of over colour	small	small
☐ *Fruit: hue of over colour – with bloom removed	orange red	red
☐ *Fruit: intensity of over colour	light	light to medium
☐ *Fruit: pattern of over colour	only solid flush	only solid flush
☐ *Fruit: width of stripes	very narrow	very narrow
☒ *Fruit: area of russet around stalk attachment	absent or small	medium

☐ Fruit: area of russet on cheeks	absent or small	medium
☒ *Fruit: area of russet around eye basin	absent or small	medium
☐ Fruit: number of lenticels	medium to many	medium
☐ Fruit: size of lenticels	small	small
☐ *Fruit: length of stalk	medium to long	medium to long
☐ *Fruit: thickness of stalk	medium	thin to medium
☐ *Fruit: depth of stalk cavity	medium	medium
☐ *Fruit: width of stalk cavity	medium	medium
☐ *Fruit: depth of eye basin	shallow to medium	shallow to medium
☐ *Fruit: width of eye basin	narrow to medium	narrow to medium
☐ *Fruit: firmness of flesh	medium to firm	medium to firm
☐ *Fruit: colour of flesh	cream	cream
☐ *Fruit: aperture of locules	moderately open	moderately open
☐ *Time of: beginning of flowering	medium	medium
☒ Time for: harvest	early	medium to late
☐ *Time of: eating maturity	early to medium	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Switzerland	2017	Pending	'Asfari'
EU	2012	Granted	'Asfari'
USA	2017	Granted	'Asfari'
Morocco	2015	Pending	'Asfari'
ZA	2017	Pending	'Asfari'

First sold in GB as 'R2/25/56' on 18th Dec 2012

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

Details of Application

Application Number	2022/133
Variety Name	'Spinnaker'
Genus Species	*Hordeum vulgare*
Common Name	Barley
Synonym	N/A
Accepted Date	19 Aug 2022
Applicant	SECOBRA Recherches, Netherby, SA.
Agent	Amanda Box, SECOBRA Recherches, Netherby, SA.
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Freeling, South Australia
Descriptor	Barley (Hordeum vulgare) TG/19/11
Period	May 2022 - January 2023
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 plants per square metre. Each replicate contained approximately 1500 plants.
Trial Design	Six replicates of both generations for SCA21-Y003, and 12 replicates of the comparators were planted on the 23rd May 2022 (Virginia, South Australia), and 6th June 2022 (Freeling, South Australia) respectively. Plots consisted of 6 rows (1.3 metres) x 11.4 metres.
Measurements	Measurements were collected in the metric system.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: SCA21-Y003 was developed from two consecutive controlled pollination crosses. Both controlled pollination crosses were performed in SECOBRA's greenhouse facility at Maule, France. 1. First cross between maternal parent RGT Planet and paternal parent Fathom was done between June and December 2014. 2. Subsequent F1 seeds from RGT Planet/Fathom cross were selected using genotypic markers forming the maternal parent and crossed to the paternal parent S9447 S between November 2014 and March 2015. The resulting F1 population was progressed through three cycles of single seed descent with the F4 bulk being harvested in March 2016. All single seed descent activities were performed in SECOBRA's greenhouse facility at Maule, France. Five hundred F4 individual seeds were spaced planted at Maule and selection was facilitated using genotypic markers. Seventy F5 individual plants were selected, harvested and seeds sent to Leeston, New Zealand for multiplication between October 2016 and January 2017. Seeds of thirty F6 individual lines were harvested from Leeston and sent back to France, whereby they were further scruntinsed using genotypic markers with ten lines being selected. These ten F6 lines were tested in single replicate trials across three locations – Maule and Attray, France; and Lemgo,

Germany. Agronomic and disease resistance performance, grain yield, physical grain size and malting quality were used as the basis to select SCA21-Y003 in July 2017. SCA21-Y003 was sent to Australia in October 2017 where it was grown under SARDI's post-entry quarantine conditions at The Plant Research Centre, Waite Campus, Urrbrae, South Australia. SCA21-Y003 was released from quarantine in April 2018. SCA21-Y003 was evaluated in observation plots at two locations in South Australia, Freeling and Roseworthy. Agronomic and disease resistance performance, grain size and NIR predicted malt quality were used as the basis to promote to Stage 1 evaluation in 2019. Yield trials comprised of unreplicated designs with a control variety check grid grown at three locations across South Australia. Agronomic and disease resistance performance and malt quality (both NIR predicted and micro-malting analysis) were used to promote SCA21-Y003 to Stage 2 yield evaluation in 2020 comprising randomised complete block designs in duplicate grown at eight locations across Australia. Agronomic and disease resistance performance and malt quality (micro-malting analysis) were used to promote SCA21-Y003 to Stage 3 yield evaluation in 2021 comprising complete block designs in triplicate grown at nine locations (plus two dedicated disease nurseries) across Australia. Concurrently SCA21-Y003 was identified as a most promising line and further evaluated in 37 National Variety Trial (NVT) locations in 2021 and 84 NVT locations in 2022. Two kg of SCA21-Y003 was sourced from a small multiplication trial grown in 2019 over winter at Freeling, South Australia, and was planted at Shelford, Victoria 2020. Multiplication area was inspected for offtypes and were removed when observed. Seed was harvested and random samples were checked for short rachilla hair type. This seed was planted for a further multiplication over winter at Minyip, Victoria in 2021, producing 35kg. This seed has become the foundation seed to support both seed production in 2022 and 2023, and Stage 1 malt accreditation testing in 2024. Breeders: Dominique Vequaud, SECOBRA Recherches, Maule, France and Amanda Box, SECOBRA Recherches, Netherby, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Ear	number of rows	two
Grain	rachilla hair type	short
Grain	type	husked
Grain	hairiness of ventral furrow	absent
Seasonal type		spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Laperouse'	
'Westminster'	
'RGT Planet'	Ear development of sterile spikelets - none or rudimentary

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

Organ/Plant Part: Context	'Spinnaker'	'Laperouse'	'RGT Planet'	'Westminster'
☐ Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish
☒ Plant: growth habit	prostrate	semi-erect	intermediate to semi-prostrate	intermediate to semi-prostrate
☐ Lowest leaves: hairiness of leaf sheath	absent	absent	absent	absent
☒ Flag leaf: anthocyanin coloration of auricles	medium to strong	absent or very weak	weak to medium	weak to medium
☒ Ear: Time of emergence	medium	early to medium	medium to late	late
☐ Flag leaf: glaucosity of sheath	weak	weak to medium	weak	weak
☒ Awns: anthocyanin colouration of tips	weak to medium	absent or very weak to weak	medium	medium to strong
☐ Ear: glaucosity	medium	medium	medium	weak to medium
☐ Grain: anthocyanin coloration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☒ Plant: length	short to medium	short to medium	medium	long
☐ Ear: number of rows	two	two	two	two
☐ Ear: development of sterile spikelets	none or rudimentary	full	none or rudimentary	full
☒ Ear: shape	parallel	strongly tapering	parallel	parallel
☒ Ear: density	sparse	dense	sparse	medium
☒ Ear: length	long	medium	long	long
☒ Awn: length	long	short	long	long
☐ Rachis: length of first segment	medium	medium	medium	medium
☐ Rachis: curvature of first segment	weak	weak	weak	weak
☐ Median spikelet: length of glume and its awn relative to grain	equal	equal	shorter	equal
☐ Grain: rachilla hair type	short	short	short	short

☐ Grain: type	husked	husked	husked	husked
☐ Grain: hairiness of ventral furrow	absent	absent	absent	absent
☐ Seasonal type:	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Spinnaker'**	**'Laperouse'**	**'RGT Planet'**	**'Westminster'**
☒ Disease: cereal cyst Nematode	susceptible	susceptible	resistant	N/A

Statistical Table

Organ/Plant Part: Context	**'Spinnaker'**	**'Laperouse'**	**'RGT Planet'**	**'Westminster'**
☒ Plant: length (mm)				
Mean	848.20	825.40	877.70	967.20
Std. Deviation	16.33	55.52	47.97	69.21
Lsd/sig	29.1	ns	P≤0.01	P≤0.01
☒ Ear: length (mm)				
Mean	90.20	77.15	101.40	73.43
Std. Deviation	7.62	5.13	11.29	8.57
Lsd/sig	5.2	P≤0.01	ns	ns
☒ Awns: length (mm)				
Mean	113.95	83.80	115.20	124.20
Std. Deviation	2.31	3.58	5.47	11.41
Lsd/sig	3.9	P≤0.01	ns	P≤0.01
☒ Ear: number of grains				
Mean	27.63	32.30	31.15	29.65
Std. Deviation	2.31	2.47	2.85	2.23
Lsd/sig	1.5	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales:

Nil

Description: **Amanda Box,** SECOBRA Recherches, Netherby, SA.

Details of Application

Application Number	2022/031
Variety Name	'TITAN AX'
Genus Species	*Hordeum vulgare*
Common Name	Barley
Accepted Date	13-Apr-2022
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371
Qualified Person	Stewart Coventry

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Barley TG 19/10
Period	May - November 2022
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Roundup Ultra (1.7 l/ha), Voraxor (100mls), Hasten (1l/100l), Mateno Complete (750mls), Avadex xtra (2L), Elatus Ace (500mls), were applied prior to seeding. The trial was sown on 14th June 2022 and 90kg/ha of Granulock Z (MAP plus 2% Zinc) was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 8th August with Paradigm (25g), Axial xtra (500mls), MCPA LVE 570 (500mls) to control weeds, and Lemat insecticide was added (100mls) for insect control. On the 29th July, 50 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 8th August using Elatus Ace (500mls). On the 13th September Prosaro (300mls) and BS1000 (250mls) were applied. The season finished late with a wet spring.
Trial Design	Randomised block design with 12 replicates, consisting of 2 comparators and 2 generations of the candidate. Sown in 24 ranges of 2 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 600 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on randomly sampled plants from each replicate. For each comparator or candidate generation there was 12 measurements of maturity, 60 measurements of plant height, and 8 spikes per

	replicate collected after maturity for 96 head measurements. Statistical analyses were completed using "R" software.
RHS Chart - edition	n/a

Origin and Breeding

Controlled-pollination: In 2014 the maternal parent was crossed to the paternal parent (BC1F1) resulting in a population. The population was selfed from the F1 to F2 generations and derived selections multiplied in South Australia. In 2015 lines were grown at Charlick (SA) for agronomic, disease and grain quality testing, and from 2016 in a trial network across; Western Australia, South Australia, Victoria, New South Wales and Queensland. In 2020 a selection was identified which became 'AGTB0325'. In 2021 'AGTB0325' entered the National Variety Trials (NVT) in South Australia and Western Australia. Seed purification began in 2020 and this seed was used as the source for commercial seed multiplication. Breeders: Stewart Coventry and Paul Telfer from Australian Grain Technologies Pty Ltd; Tim March, Amanda Box, and Jason Eglinton from University of Adelaide. Some breeding work was conducted by the University of Adelaide prior to the variety transfer to Australian Grain Technologies Pty Ltd.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flag leaf	anthocyanin colouration of auricles	medium to strong
Flag leaf	glaucosity of sheath	medium to strong or strong
Grain	rachilla hair type	long
Ear	shape	slightly tapering
Plant	growth habit	semi-erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'COMPASS'	
'COMMODUS'	

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

'YETI'	awn: length	long	medium
'LEABROOK'	plant: time of ear emergence	medium	early to medium
'MINOTAUR'	flag leaf: intensity of anthocyanin colouration of auricles	medium	weak
'BEAST'	awn: intensity of anthocyanin colouration of tips	weak to medium	strong

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

Organ/Plant Part: Context	'TITAN AX'	'COMMODUS'	'COMPASS'
☐ Kernel: colour of aleurone layer	whitish	whitish	whitish
☐ Plant: growth habit	semi-erect	semi-erect	semi-erect
☒ Plant: intensity of green colour	medium	light	light
☐ Lowest leaves: hairiness of leaf sheath	absent	absent	absent
☐ Flag leaf: anthocyanin coloration of auricles	medium to strong	medium to strong	medium to strong
☐ Flag leaf: attitude	semi-erect	semi-erect	semi-erect
☒ Ear: Time of emergence	medium	early	early
☒ Flag leaf: glaucosity of sheath	medium to strong	strong	strong
☐ Awns: anthocyanin colouration of tips	weak to medium	weak to medium	weak to medium
☒ Ear: glaucosity	weak to medium	medium to strong	medium
☐ Ear: attitude	semi-erect	semi-erect	semi-erect
☐ Grain: anthocyanin coloration of nerves of lemma	medium	weak to medium	weak to medium
☐ Plant: length	medium	medium	medium
☐ Ear: number of rows	two	two	two
☐ Ear: development of sterile spikelets	full	full	full
☐ Sterile spikelet: attitude	parallel to divergent	parallel to divergent	parallel to divergent

☐ Ear: shape	slightly tapering	slightly tapering	slightly tapering
☐ Ear: density	medium	medium	medium
☐ Ear: length	medium	medium	medium
☐ Awn: length	long	long	long
☐ Rachis: length of first segment	medium	medium	medium
☐ Rachis: curvature of first segment	absent or very weak	absent or very weak	absent or very weak
☐ Median spikelet: length of glume and its awn relative to grain	equal	equal	equal
☐ Grain: rachilla hair type	long	long	long
☐ Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	absent or very weak	absent or very weak
☐ Grain: type	husked	husked	husked
☐ Grain: hairiness of ventral furrow	absent	absent	absent
☐ Lemma: shape of base	bevelled	bevelled	bevelled
☐ Seasonal type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'TITAN AX'	'COMMODUS'	'COMPASS'
☒ Plant: herbicide tolerance (Quizalofop)	tolerant	sensitive	sensitive

Statistical Table

Organ/Plant Part: Context	'TITAN AX'	'COMMODUS'	'COMPASS'
☐ Plant: length (cm)			
Mean	100.00	98.10	99.10
Std. Deviation	4.10	4.40	4.70
Lsd/sig	3.8	ns	ns
☐ Head: length (cm)			
Mean	65.80	65.90	68.00

Std. Deviation	3.00	2.80	3.10
Lsd/sig	3.3	ns	ns
☐ Awn: length (mm)			
Mean	81.30	79.90	82.60
Std. Deviation	4.90	4.50	5.30
Lsd/sig	5.2	ns	ns
☐ Grain: number of grains per head			
Mean	25.30	25.30	25.00
Std. Deviation	1.20	1.20	1.20
Lsd/sig	1.2	ns	ns
☒ Time of: ear emergence **(**julian days)			
Mean	262.30	260.00	260.30
Std. Deviation	1.20	1.00	1.40
Lsd/sig	1.0	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

Description: Stewart Coventry, SA 5371

Details of Application

Application Number	2017/038
Variety Name	'Bottler'
Genus Species	*Hordeum vulgare*
Common Name	Barley
Accepted Date	23 Mar 2017
Applicant	Sejet Planteforaedling I/S, Horsens, Denmark.
Agent	PGG Wrightson Seeds Australia Pty Ltd (Trading as Grainsearch), Truganina, Vic.
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Freeling, South Australia
Descriptor	Barley (*Hordeum vulgare*) TG/19/11
Period	May 2022 - January 2023
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 plants per square metre. Each replicate contained approximately 1500 plants.
Trial Design	Six replicates for both generations for Bottler and 12 replicates of the comparators were planted on the 23rd May 2022 (Virginia, South Australia), and 6th June 2022 (Freeling, South Australia) respectively. Plots consisted of 6 rows (1.3 metres) x 11.4 metres.
Measurements	Measurements were collected in the metric system.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Bottler was bred by Sejet Planteforaedling I/S Denmark. F3 seed was first sent to Australian Quarantine in 2013. Breeder: Sejet Planteforaedling I/S, Horsens, Denmark.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheath	absent
Ear	number of rows	two

Grain	type	husked
Grain	hairiness of ventral furrow	absent
Seasonal type		spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'RGT Planet'	Ear development of sterile spikes - none or rudimentary
	Grain rachilla hair type - short
'Westminster'	Grain rachilla hair type - 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	'Bottler'	'RGT Planet'	'Westminster'
☐ Kernel: colour of aleurone layer	whitish	whitish	whitish
☒ Plant: growth habit	prostrate	intermediate to semi-prostrate	intermediate to semi-prostrate
☐ Lowest leaves: hairiness of leaf sheath	absent	absent	absent
☐ Flag leaf: anthocyanin coloration of auricles	strong	weak to medium	weak to medium
☐ Ear: Time of emergence	medium to late	medium to late	late
☒ Flag leaf: glaucosity of sheath	medium	weak	weak
☒ Awns: anthocyanin colouration of tips	strong	medium	medium
☐ Ear: glaucosity	medium to strong	medium	weak to medium
☐ Grain: anthocyanin coloration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak
☒ Plant: length	medium	medium	long
☐ Ear: number of rows	two	two	two

☐ Ear: development of sterile spikelets	full	none or rudimentary	full
☐ Sterile spikelet: attitude	parallel to divergent		divergent
☐ Ear: shape	parallel	parallel	parallel
☒ Ear: density	dense	sparse	medium
☒ Ear: length	medium	long	long
☒ Awn: length	medium	long	long
☐ Rachis: length of first segment	medium	medium	medium
☐ Rachis: curvature of first segment	weak	weak	weak
☐ Median spikelet: length of glume and its awn relative to grain	equal	shorter	equal
☐ Grain: rachilla hair type	long	short	short
☐ Grain: type	husked	husked	husked
☐ Grain: hairiness of ventral furrow	absent	absent	absent
☐ Seasonal type:	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	**'Bottler'**	**'RGT Planet'**	**'Westminster'**
☒ Ear: length(mm)			
Mean	858.30	877.70	967.20
Std. Deviation	26.63	47.97	69.21
Lsd/sig	26.1	ns	P≤0.01
☒ Ear: length			
Mean	78.13	877.70	967.20
Std. Deviation	8.74	47.97	69.21
Lsd/sig	5.3	ns	P≤0.01
☒ Awns: length			
Mean	106.05	115.20	124.20
Std. Deviation	2.39	2.46	11.41

Lsd/sig	3.3		P≤0.01
☐ Ear: number of grains			
Mean	30.31	31.15	29.65
Std. Deviation	2.80	2.85	2.23
Lsd/sig	1.6	ns	ns

Prior Applications and Sales:

Nil

Description: **Amanda Box**, University of Adelaide, Glen Osmond, SA.

Details of Application

Application Number	2019/098
Variety Name	'PARCHAR'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	04 Jun 2019
Applicant	The Paradise Seed Company Pty. Limited, The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura
Descriptor	TG/CAMEL (proj.4) (excluding *Camellia sinensis*)
Period	2017-2020
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2004. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 84 seed resulted from these crosses. These seed were harvested & sown in April 2005. 40 seedlings germinated and were raised to maturity. 'Parchar' first flowered in 2011 and was propagated via cutings for further trialling. It was selected as a new variety in 2014 based on flower form, flower colour and upright plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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 habit	upright

Plant	density of foliage	medium
Leaf blade	length	long
Flower	form	semi double
Flower	number of petaloids	medium to many
Flower	main colour	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARREB'	
'PARELI'	

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
'Parann'	leaf blade	length	long	short-med	
'Paradise belinda'	leaf blade	length	long	medium	
'Jennifer susan'	leaf blade	length	long	short-medium	
'Sparkling burgundy'	plant	growth habit	upright	spreading	

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

Organ/Plant Part: Context	'PARCHAR'	'PARELI'	'PARREB'
☐ *Plant: growth habit	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent
☐ *Plant: density of foliage	medium	medium to dense	medium
☐ *Leaf: attitude	upwards	outwards	outwards
☐ *Leaf: arrangement	alternate	alternate	alternate
☐ *Leaf blade: length	long	medium to long	medium

☐ Leaf blade: width	medium to broad	medium to broad	broad to very broad
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third
☐ *Leaf blade: shape of base	rounded	acute	obtuse
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium	medium
☐ *Leaf blade: variegation	absent	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green	medium green
☐ Leaf blade: shape in cross section	concave	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate	serrulate
☐ Petiole: length	short	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary	terminal and axillary
☐ *Flower: diameter	medium to large	medium to large	medium to large
☐ *Flower: form	semi-double	peony form	peony form
☐ *Flower: presence of petaloids	present	present	present
☐ *Flower: number of petaloids	medium to many	very many	few to medium
☐ Flower: petaloids	some stamens petaloid	all stamens petaloid and petaloid pistil	some stamens petaloid
☐ Petal: thickness	medium	medium	medium
☐ *Petal: shape of apex	rounded	retuse	retuse
☐ Petal: number of incisions of margin	absent or few	absent or few	absent or few
☐ *Petal: curvature of longitudinal axis	incurved	incurved	flat

☐ *Flower: shape of petals of first outer row	obovate	obcordate	obovate
☐ *Petal: undulation of margin	medium	absent or weak	medium
☐ Petal: venation	weak	weak	weak
☒ *Petal: main colour (RHS colour chart)	63B	63B	61B
☒ *Petal: intensity of shading of main colour (excluding variegation)	darkest in the marginal zone	evenly shaded	evenly shaded
☐ *Petal: secondary colour (RHS colour chart)	64C-65A		
☐ *Petal: pattern of secondary colour	central bar		
☐ *Stamens: arrangement	sasanqua	sasanqua	sasanqua
☐ Style: number of splits	three		
☐ Style: position of splitting	high		
☐ *Stigma: position in relation to stamens	below		
☐ *Time of: flowering	early to medium	early to medium	early

Prior Applications and Sales: **Nil**

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2017/176
Variety Name	'Parballe'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	27 Jun 2017
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW 2250
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura, NSW
Descriptor	TG/275/1 Corr. (Camellia)
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow-release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 16 seeds resulted from these crosses. These seed were harvested & sown in March 2001. 10 seedlings germinated and were raised to maturity. 'Parballe' first flowered in 2006 and was propagated via cuttings for further trialling. It was selected as a new variety in 2010 based on flower form, flower colour and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW 2250.

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

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

Flower	form	formal double
Flower	colour	bicolour pink&white
Plant	growth habit	upright
Plant	density of foliage	dense to very dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARIRRES'	

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
'PARSAY'	flower form	formal double	semi double	
'BLUSH'	flower form	formal double	semi double	

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

Organ/Plant Part: Context	'Parballe'	'PARIRRES'
☐ *Plant: growth habit	upright	upright
☐ Branch: zigzagging	absent	absent
☐ *Plant: density of foliage	dense to very dense	dense to very dense
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	short to medium	medium
☒ Leaf blade: width	very narrow	narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☒ *Leaf blade: shape of base	acute	rounded
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent

☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium
☐ *Leaf blade: variegation	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	yellowish green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☐ *Flower: diameter	medium	medium
☐ *Flower: form	formal double	formal double
☐ *Flower: presence of petaloids	present	present
☒ *Flower: number of petaloids	very few to few	very few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	rounded	rounded
☐ Petal: number of incisions of margin	absent or few	absent or few
☐ *Petal: curvature of longitudinal axis	incurved	incurved
☒ *Flower: shape of petals of first outer row	obovate	obcordate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	white RHS NN155C	pink RHS 63B
☒ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	darkest in the marginal zone
☒ *Petal: secondary colour (RHS colour chart)	pink RHS 63C	pink RHS 65C-D
☒ *Petal: pattern of secondary colour	marginal	basal zone

☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	four	four
☐ Style: position of splitting	low	low
☐ *Stigma: position in relation to stamens	same level	same level
☒ *Time of: flowering	early to medium	early

Prior Applications and Sales: Nil

Description: John Robb, Kulnura, NSW 2250.

Details of Application

Application Number	2017/178
Variety Name	'Partower'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	27 Jun 2017
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura
Descriptor	TG/CAMEL (proj.4) (excluding *Camellia sinensis*)
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required. Trial design: randomised complete block. Measurements: taken from ten plants at random.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controller pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 140 seed resulted from these crosses. These seed were harvested & sown in March 2001. 88 seedlings germinated and were raised to maturity. 'Partower' first flowered in 2006 and was propagated via cutings for further trialling. It was selected as a new variety in 2010 based on flower shape, number of flowers per plants and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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
Flower	colour	pink red
Plant	growth habit	upright

Plant	density of foliage	dense-very dense
Flower	diameter	medium-large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Paradise belinda'	

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
'Paremi'	plantdensity of foliage	dense to very dense	medium	
'Glow'	petalmain colour	RHS60D	RHS57D	different flower forms as well

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

Organ/Plant Part: Context	'Partower'	'PARADISE BELINDA'
☐ *Plant: growth habit	upright	upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	very dense	medium
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	long	medium
☒ Leaf blade: width	medium to broad	broad
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	obtuse	obtuse
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent

☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☒ *Flower: diameter	medium to large	large
☐ *Flower: form	semi-double	semi-double
☐ *Flower: presence of petaloids	present	present
☐ *Flower: number of petaloids	few to medium	few to medium
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	retuse	retuse
☐ Petal: number of incisions of margin	absent or few	absent or few
☒ *Petal: curvature of longitudinal axis	incurved	flat
☐ *Flower: shape of petals of first outer row	obovate	obovate
☒ *Petal: undulation of margin	absent or weak	medium
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	PINK RHS 60C-D	PINK RHS 66C
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	three

☐ Style: position of splitting	high	high
☐ *Stigma: position in relation to stamens	same level	same level
☐ *Time of: flowering	early	early

Prior Applications and Sales: **Nil**

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2017/179
Variety Name	'PARKAT'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	27 Jun 2017
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	
Descriptor	Plants, Kulnura
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required. Trial design: randomised complete block. Measurements: taken from ten plants at random.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 73 seed resulted from these crosses. These seed were harvested & sown in March 2001. 56 seedlings germinated and were raised to maturity. 'Parkat' first flowered in 2006 and was propagated via cutings for further trialling. It was selected as a new variety in 2010 based on flower colour and plant vigour. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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
Flower	colour	bicolour pink & white
Flower	form	single-semi double

Flower	size	large-very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Parblynda'	Similar flower size & flower colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Parjennifer'	plant	density of foliage	medium	very dense	
'Parsusan'	flower	size	large	medium	in addition, undulation of petal margin is med-strong, compared to 'Parkat' which has absent-weak undulation of petal

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

Organ/Plant Part: Context	'PARKAT'	'PARBLYNDA'
☐ *Plant: growth habit	upright	upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	medium	medium to dense
☒ *Leaf: attitude	upwards	outwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	long	medium
☐ Leaf blade: width	narrow	narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☒ *Leaf blade: shape of base	obtuse	rounded
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent

☐ *Leaf blade: thickness	medium	medium
☒ *Leaf blade: venation on upper side	medium	weak
☒ *Leaf blade: glossiness of upper side	medium	strong
☐ *Leaf blade: variegation	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	dark green
☐ Leaf blade: shape in cross section	concave	concave
☒ *Leaf blade: margin	serrate	serrulate
☐ Petiole: length	short	short
☐ *Sepal: shape	ovate	ovate
☐ *Sepal: colour of outer side	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☒ *Flower: diameter	large	very large
☐ *Flower: form	single	single
☒ *Flower: presence of petaloids	absent	present
☒ *Flower: number of petaloids	absent	very few to few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	retuse	retuse
☐ Petal: number of incisions of margin	absent or few	absent or few
☒ *Petal: curvature of longitudinal axis	flat	incurved
☐ *Flower: shape of petals of first outer row	obcordate	obcordate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☐ *Petal: main colour (RHS colour chart)	WHITE RHS NN155D	WHITE RHS NN155D

☐ *Petal: intensity of shading of main colour (excluding variegation)	darkest in the central zone	darkest towards the base
☒ *Petal: secondary colour (RHS colour chart)	PINK RHS 60D	PINK RHS 63C
☐ *Petal: pattern of secondary colour	marginal	marginal
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	four
☐ Style: position of splitting	high	low
☒ *Stigma: position in relation to stamens	below	same level
☐ *Time of: flowering	early	early

Prior Applications and Sales: **Nil**

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2017/180
Variety Name	'PARSAM'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	04 Sep 2017
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	
Descriptor	Plants, Kulnura
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required. Trial design: randomised complete block. Measurements: taken from ten plants at random.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 140 seed resulted from these crosses. These seed were harvested & sown in March 2001. 88 seedlings germinated and were raised to maturity. 'Parsam' first flowered in 2006 and was propagated via cutings for further trialling. It was selected as a new variety in 2010 based on flower colour and plant vigour. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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
Flower	colour	red pink
Flower	form	single
Flower	diameter	large-very large

Leaf	attitude	upwards

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GLOW'	Most similar in flower colour & flower size

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
'PAREMI'	Flower diameter	large to very large	medium - large	in addition to having a smaller flower, paremi also has leaf attitude outwards.

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

Organ/Plant Part: Context	'PARSAM'	'GLOW'
☐ *Plant: growth habit	semi-upright	upright
☐ Branch: zigzagging	absent	absent
☐ *Plant: density of foliage	medium	medium
☐ *Leaf: attitude	outward	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	very long	short to medium
☐ Leaf blade: width	medium	medium
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	acute	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☒ *Leaf blade: glossiness of upper side	medium to strong	medium

☐ *Leaf blade: variegation	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	dark green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☒ *Sepal: shape	ovate	elliptic
☒ *Sepal: colour of outer side	yellowish green	brown
☐ Sepal: shape of apex	rounded	rounded
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☒ *Flower: diameter	large to very large	large
☐ *Flower: form	single	single
☐ *Flower: presence of petaloids	absent	absent
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	retuse	retuse
☐ Petal: number of incisions of margin	absent or few	absent or few
☐ *Petal: curvature of longitudinal axis	flat	flat
☐ *Flower: shape of petals of first outer row	obcordate	obcordate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☐ *Petal: main colour (RHS colour chart)	RHS N57D	RHS N57D
☒ *Petal: intensity of shading of main colour (excluding variegation)	darkest in the marginal zone	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	three
☐ Style: position of splitting	high	high

☐ *Stigma: position in relation to stamens	same level	same level
☐ *Time of: flowering	very early to early	very early to early

Prior Applications and Sales: **Nil**

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2019/096
Variety Name	'PARSPARK'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	04 Jun 2019
Applicant	The Paradise Seed Company Pty. Limited, The Paradise Seed Company Pty Limited, Kariong, NSW, Australia
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura
Descriptor	TG/CAMEL (proj.4) (excluding *Camellia sinensis*)
Period	2017-2020
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: Buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 39 seed resulted from these crosses. These seed were harvested & sown in March 2001. 28 seedlings germinated and were raised to maturity. 'Parspark' first flowered in 2005 and was propagated via cutings for further trialling. It was selected as a new variety in 2007 based on flower colour, earliness to flower, number of flowers per plant and desirable plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW, 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
Petal (upper)	main colour	red-purple
Plant	density of foliage	dense

Leaf blade	length	long
Leaf blade	width	very broad

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARCRIM'	

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
'Parjoa'	plant	density of foliage	dense to very dense	sparse	
'Bonanza'	plant	growth habit	upright	spreading	
'Parexo'	plant	density of foliage	dense to very dense	medium	
'Yuletide'	leaf blade	width	very broad	very narrow	

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

Organ/Plant Part: Context	'PARSPARK'	'PARCRIM'
☐ *Plant: growth habit	upright	semi-upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	dense to very dense	medium
☐ *Leaf: attitude	outwards	outwards
☐ *Leaf: arrangement	alternate	alternate
☐ *Leaf blade: length	long	medium
☐ Leaf blade: width	very broad	narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	obtuse	obtuse
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent

☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green
☐ Leaf blade: shape in cross section	flat	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☐ *Flower: diameter	medium to large	medium to large
☐ *Flower: form	semi-double	semi-double
☐ *Flower: presence of petaloids	present	present
☐ *Flower: number of petaloids	very few	very few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	retuse	obtuse
☐ Petal: number of incisions of margin	absent or few	medium
☐ *Petal: curvature of longitudinal axis	recurved	recurved
☐ *Flower: shape of petals of first outer row	obcordate	obcordate
☐ *Petal: undulation of margin	medium	medium
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	59D-53D	60B
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	three

☐ Style: position of splitting	high	high
☐ *Stigma: position in relation to stamens	below	below
☐ *Time of: flowering	early to medium	very early to early

Prior Applications and Sales: Nil

Description: John Robb, Kariong, NSW

Details of Application

Application Number	2016/181
Variety Name	'PARPETRUB'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	12-Aug-2016
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW 2250
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura, NSW
Descriptor	TG/275/1 Corr. (Camellia)
Period	2017-2019
Conditions	Location: trials were conducted at Paradise Plants, Kulnura between 2017-2019. Conditions: plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow-release fertiliser as required. Trial design: randomised complete block. Measurements: taken from ten plants at random
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: buds of the seed parent were emasculated in May 2000. emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 42 seed resulted from these crosses. these seed were harvested & sown in March 2001. 10 seedlings germinated and were raised to maturity. 'PARPETRUB' first flowered in 2005 and was propagated via cuttings for further trialling. it was selected as a new variety in 2007 based on flower colour, flower form, number of flowers per plant and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW 2250

Choice of Comparators: Characteristics 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	mid-dk pink
Flower	size	very small -small
Plant	density of foliage	very dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARSYLVIA'	

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
'YULETIDE'	Flower form	peony	single	substantially different flower colour as well

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

Organ/Plant Part: Context	'PARPETRUB'	'PARSYLVIA'
☒ *Plant: growth habit	semi-upright	upright
☐ Branch: zigzagging	absent	absent
☐ *Plant: density of foliage	very dense	very dense
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	very short to short	short to medium
☒ Leaf blade: width	very narrow	very narrow to narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☒ *Leaf blade: shape of base	acute	obtuse
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium

☐ *Leaf blade: venation on upper side	weak	weak
☒ *Leaf blade: glossiness of upper side	medium	medium to strong
☐ *Leaf blade: variegation	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	dark green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Sepal: shape	ovate	ovate
☐ *Sepal: colour of outer side	yellowish green	yellowish green
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☒ *Flower: diameter	very small	small to medium
☒ *Flower: form	peony form	single
☐ *Flower: presence of petaloids	present	present
☒ *Flower: number of petaloids	few	very few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid
☒ Petal: thickness	thin	medium
☐ *Petal: shape of apex	retuse	obtuse
☐ Petal: number of incisions of margin	absent or few	absent or few
☒ *Petal: curvature of longitudinal axis	flat	recurved
☒ *Flower: shape of petals of first outer row	obcordate	obovate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	RHS N57C	pink RHS N63A
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	three

☐ Style: position of splitting	high	high
☐ *Stigma: position in relation to stamens	same level	same level
☒ *Time of: flowering	early	very early

Prior Applications: Nil

First sold in Australia in March 2016.

Description: John Robb, Kulnura, NSW 2250.

Details of Application

Application Number	2016/180
Variety Name	'PARIRRES'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	01 Sep 2016
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW 2250
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura, NSW
Descriptor	TG/275/1 Corr. (Camellia)
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow-release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken from ten plants at random
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: buds of the seed parent were emasculated in May 2000. emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 55 seed resulted from these crosses. these seed were harvested & sown in March 2001. 30 seedlings germinated and were raised to maturity. 'PARIRRES' first flowered in 2005 and was propagated via cuttings for further trialling. it was selected as a new variety in 2007 based on flower colour, flower form, and upright plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW 2250.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink & white bicolour
Flower	presence of petaloids	present
Plant	growth habit	upright

Plant	density of foliage	dense to very dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'BLUSH'	
'PARSAY'	

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

Organ/Plant Part: Context	'PARIRRES'	'BLUSH'	'PARSAY'
☐ *Plant: growth habit	upright	upright	upright
☐ Branch: zigzagging	absent	absent	absent
☐ *Plant: density of foliage	dense to very dense	medium to dense	medium to dense
☒ *Young shoot: colour	yellowish green	green	green
☐ *Leaf: attitude	upwards	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate	alternate
☐ *Leaf blade: length	medium	medium to long	medium
☐ Leaf blade: width	narrow	very narrow to narrow	very narrow to narrow
☐ *Leaf blade: position of broadest part	middle third	middle third	middle third
☒ *Leaf blade: shape of base	rounded	obtuse	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent	absent
☐ *Leaf blade: thickness	medium	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium	medium
☐ *Leaf blade: variegation	absent	absent	absent
☒ *Leaf blade: colour of upper side (excluding variegation)	yellowish green	medium green	medium green

☐ Leaf blade: shape in cross section	concave	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate	serrulate
☐ Petiole: length	short	short	short
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary	terminal and axillary
☐ *Flower: diameter	medium	medium	small to medium
☒ *Flower: form	formal double	semi-double	semi-double
☐ *Flower: presence of petaloids	present	present	present
☐ *Flower: number of petaloids	very few	very few	very few
☐ Flower: petaloids	some stamens petaloid	some stamens petaloid	some stamens petaloid
☐ Petal: thickness	medium	medium	medium
☐ *Petal: shape of apex	rounded	rounded	rounded
☐ Petal: number of incisions of margin	absent or few	medium	absent or few
☐ *Petal: curvature of longitudinal axis	incurved	incurved	incurved
☐ *Flower: shape of petals of first outer row	obcordate	oblong	obovate
☐ *Petal: undulation of margin	absent or weak	absent or weak	absent or weak
☐ Petal: venation	weak	weak	weak
☒ *Petal: main colour (RHS colour chart)	pink RHS 63B	white RHS NN155D	pink RHS 64D
☐ *Petal: intensity of shading of main colour (excluding variegation)	darkest in the marginal zone	darkest in the central zone	darkest in the marginal zone
☒ *Petal: secondary colour (RHS colour chart)	pink RHS 65C-D	pink RHS 62C	white RHS NN155D
☐ *Petal: pattern of secondary colour	basal zone	marginal	basal zone
☐ *Stamens: arrangement	sasanqua	sasanqua	sasanqua
☐ Style: number of splits	four	four	four
☐ Style: position of splitting	low	low	low
☐ *Stigma: position in relation to stamens	same level	same level	same level

☐ *Time of: flowering	early	early	early

Prior Applications: Nil

First sold in Australia in March 2016.

Description: John Robb, Kulnura, NSW 2250.

Details of Application

Application Number	2016/179
Variety Name	'PAREXO'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	04 Aug 2016
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW 2250
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura, NSW
Descriptor	TG/275/1 Corr. (Camellia)
Period	2017-2019
Conditions	Plants propagated from cutting, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow-release fertiliser as required
Trial Design	Randomised complete block
Measurements	Taken from ten plants at random
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: buds of the seed parent were emasculated in May 2000. emasculated flowers were hand pollinated several days later using stored pollen from a mixture of male parents. 45 seed resulted from these crosses. these seed were harvested & sown in March 2001. 25 seedlings germinated and were raised to maturity. 'PAREXO' first flowered in 2005 and was propagated via cuttings for further trialling. it was selected as a new variety in 2007 based on flower colour, flower form, number of flowers per plant and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW 2250.

Choice of Comparators: Characteristics 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	red-pink
Plant	growth habit	semi upright

Flower	form	peony form

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PARCAROLINE'	similar flower colour & flower form

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
'PARANN'	flower petaloids	all stamens petaloid	all stamens petaloid & pistil petaloid	

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

Organ/Plant Part: Context	'PAREXO'	'PARCAROLINE'
☐ *Plant: growth habit	semi-upright	semi-upright
☐ Branch: zigzagging	absent	absent
☒ *Plant: density of foliage	medium	sparse to medium
☒ *Leaf: attitude	outwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☐ *Leaf blade: length	medium to long	medium to long
☐ Leaf blade: width	narrow	narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	rounded	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	medium
☐ *Leaf blade: variegation	absent	absent

☐ *Leaf blade: colour of upper side (excluding variegation)	medium green	medium green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	short
☐ *Sepal: shape	ovate	ovate
☐ *Flower bud: arrangement	terminal and axillary	terminal and axillary
☐ *Flower: diameter	small to medium	small to medium
☒ *Flower: form	peony form	anemone form
☐ *Flower: presence of petaloids	present	present
☒ *Flower: number of petaloids	few	many
☐ Flower: petaloids	all stamens petaloid	all stamens petaloid
☐ Petal: thickness	medium	medium
☐ *Petal: shape of apex	retuse	retuse
☐ Petal: number of incisions of margin	absent or few	absent or few
☐ *Petal: curvature of longitudinal axis	recurved	recurved
☒ *Flower: shape of petals of first outer row	obovate	obcordate
☐ *Petal: undulation of margin	absent or weak	absent or weak
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	RHS 60B	RHS 60D
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☒ *Time of: flowering	medium	early

Prior Applications and Sales: Nil

Description: John Robb, Kulnura, NSW 2250.

Details of Application

Application Number	2016/178
Variety Name	'PARCRIM'
Genus Species	*Camellia sasanqua*
Common Name	Camellia
Accepted Date	12 Aug 2016
Applicant	The Paradise Seed Company Pty Limited, Kariong, NSW 2250
Qualified Person	John Robb

Details of Comparative Trial

Location	Paradise Plants, Kulnura, NSW
Descriptor	TG/275/1 Corr. (Camellia)
Period	2017-2019
Conditions	Trials were conducted at Paradise Plants, Kulnura between 2017-2019. plants propagated from cuttings, rooted cuttings planted into 200mm pots in a soilless, commercial grade potting mix (pine bark base) and grown under 30% shade in nursery conditions. All plants were subjected to the same chemical treatments for crop protection as required and fed with a slow-release fertiliser as required.
Trial Design	Randomised complete block
Measurements	Taken randomly from 10 plants
RHS Chart - edition	5th edition

Origin and Breeding

Controlled pollination: buds of the seed parent were emasculated in May 2000. Emasculated flowers were hand pollinated several days later using stored pollen from the male parent. 39 seed resulted from these crosses. These seed were harvested & sown in March 2001. 28 seedlings germinated and were raised to maturity. 'Parcrim' first flowered in 2005 and was propagated via cuttings for further trialling. It was selected as a new variety in 2007 based on flower colour, earliness to flower, number of flowers per plant and plant habit. Breeder: The Paradise Seed Company Pty Limited, Kariong, NSW 2250.

Choice of Comparators: Characteristics 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	red pink
Flower	form	single
Leaf	length	short-medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'YULETIDE'	similar flower colour & flower form

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
'PAREMI'	Leaf length	medium	long	
'GLOW'	Flower diameter	small-medium	large	

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

Organ/Plant Part: Context	'PARCRIM'	'YULETIDE'
☒ *Plant: growth habit	semi-upright	upright
☐ Branch: zigzagging	absent	absent
☐ *Plant: density of foliage	medium	dense
☐ *Leaf: attitude	upwards	upwards
☐ *Leaf: arrangement	alternate	alternate
☒ *Leaf blade: length	medium	very short to short
☐ Leaf blade: width	narrow	very narrow
☐ *Leaf blade: position of broadest part	middle third	middle third
☐ *Leaf blade: shape of base	obtuse	acute
☐ *Leaf blade: shape of apex	short acuminate	short acuminate
☐ *Leaf blade: pubescence on upper side	absent	absent
☐ *Leaf blade: thickness	medium	medium
☐ *Leaf blade: venation on upper side	weak	weak
☐ *Leaf blade: glossiness of upper side	medium	strong
☐ *Leaf blade: variegation	absent	absent

☒ *Leaf blade: colour of upper side (excluding variegation)	medium green	dark green
☐ Leaf blade: shape in cross section	concave	concave
☐ *Leaf blade: margin	serrulate	serrulate
☐ Petiole: length	short	very short
☐ *Sepal: shape	elliptic	ovate
☐ *Flower bud: arrangement	terminal and axillary	terminal only
☐ *Flower: diameter	large	small
☐ *Flower: form	single	single
☒ *Flower: presence of petaloids	present	absent
☐ *Flower: number of petaloids	very few	n/a
☐ Flower: petaloids	some stamens petaloid	n/a
☐ Petal: thickness	medium	medium
☒ *Petal: shape of apex	obtuse	retuse
☒ Petal: number of incisions of margin	medium	absent or few
☐ *Petal: curvature of longitudinal axis	recurved	incurved
☐ *Flower: shape of petals of first outer row	obcordate	obovate
☐ *Petal: undulation of margin	medium	medium
☐ Petal: venation	weak	weak
☒ *Petal: main colour (RHS colour chart)	RHS 60B	RHS53B
☐ *Petal: intensity of shading of main colour (excluding variegation)	evenly shaded	evenly shaded
☐ *Stamens: arrangement	sasanqua	sasanqua
☐ Style: number of splits	three	four
☐ Style: position of splitting	high	high
☐ *Stigma: position in relation to stamens	below	below
☐ *Time of: flowering	very early to early	very early to early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PARCRIM'	'YULETIDE'
☐ Stamen cluster: diameter	small	medium
☒ Filament: colour	yellowy-pink RHS 38B	yellowy green RHS6D

Prior Applications and Sales: Nil

Description: John Robb, Kulnura, NSW 2250.

Details of Application

Application Number	2018/260
Variety Name	'AGV1001'
Genus Species	*Cicer arietinum*
Common Name	Chickpea
Accepted Date	08 Apr 2019
Applicant	AgriVentis Technologies Pty Ltd, North Sydney, NSW 2060
Agent	Peter Maxwell and Associates, Sydney NSW 2000
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	TG/143/5 Chickpea (NEW) (Cicer arietinum)
Period	20 May 2022 – 29 Nov 2022
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown into dry soil on 20 May 2022 prior to germinating rain on 21 May 2022; weed control by pre-emergence S-metolachlor (Dual Gold®) post-planting on 20 May 2022; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 20 May 2022 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; chickpea inoculant (Group N - CC1192) and thiram (Thiram WP Fungicide) applied as a slurry post-planting on 20 May 2022 followed by azoxystrobin (Amistar® 250 SC) as a soil drench on 27 May 2022. Applied aluminium ammonium sulphate (SCAT® Bird & Animal Repellent) on 29 Jun, 7 Jul, 19 Jul, 25 Jul 2022 to deter duck from damaging the young vegetative plants. Sprayed with chlorantraniprole (Coragen®) on 30 Sep 2022 to protect flowers and pods. Supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Mini-sward rows of 5 cultivars ('AGV1001', 'AGV1002', 'PBA Drummond', 'PBA Boundary', 'Kyabra') plus second-generation plots of 2 cultivars ('AGV1001', 'AGV1002') were arranged in 5 randomised blocks; ±20 plants per 1.5 m mini-sward plot seeded at c. 7.5 cm spacing along a single 70 m row; 0.5 m between mini-sward plots.
Measurements	Days to flowering determined progressively for each plot (2-10 Aug 2022). Measurements (six per plot) made of petiole and midrib lengths, leaflet number, and midzone leaflet length and width on fully expanded pinnate leaves from the fifth node below the stem tip (17-19 Aug 2022). Two-segmented peduncles on well-developed immature pods (12 per plot) measured (23-28 Sep 2022). Mature canopy height (11 Nov 2022) and numbers of primary basal branches (21 Nov 2022) determined (two measurements per plot). Samples of ripe pods taken (17-29 Nov 2022) for measurements of beak length and pod length, width and depth on 12 well-developed pods per plot and seed counts per pod made from 50 pods per plot. Seed size determined from samples of 100 or more seeds per plot after sun drying. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart – edition	2015 (6th edition)

Origin and Breeding

Controlled pollination and seedling selection: 'AGV1001' resulted from controlled pollination beginning in 2009 to develop breeder's Line A (Fox x Back Verandah genotypes [Australian]) and separately breeder's Line B (Hammersmith [Australian genotype] x Bangladesh strain). In 2011, the resultant Line A (an early, standard phenotype) was cross pollinated with the resultant Line B (a phenotype with a wide branch structure) by means of assisted open pollination (shaking paired lines in shared confined space). Progeny from this cross were then grown on (2011-2013), culling with preference for wide, well-formed plants of average height. In 2013, F6 populations were found to be uniform and stable, leading to the final selection of 'AGV1001'. Seed and testing for production traits continued through to 2017: The morphological appearance of 'AGV1001' was confirmed at two sites with consistent results. Breeder: Paul Stewart, Chatswood, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	desi
Seed	weight	medium - large
Seed	colour	light - medium shades of brown

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Drummond'	PBR Application No. 2017/300; high yielding desi chickpea widely grown in Central Queensland
'PBA Boundary'	PBR Application No. 2011/201; desi chickpea broadly adapted to northern NSW & southern Queensland
Kyabra'	PBR Application No. 2004/339
'AGV1002'	PBR Application No. 2018/261

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
'Nafice'	Planttype	desi	kabuli	PBR Application No. 2005/083
'Almaz'	Planttype	desi	kabuli	PBR Application No. 2005/084
'PBA Monarch'	Planttype	desi	kabuli	PBR Application No. 2013/137
'Neelam'	Seed weight	medium to large	low	PBR Application No. 2012/213
'PBA HatTrick'	Seed weight	medium to large	low	PBR Application No. 2009/185

‘PBA HatTrick’	Seed colour	light to medium reddish brown	medium to dark brown	
‘PBA Pistol’	Seed weight	medium to large	low to medium	PBR Application No. 2009/301
‘PBA Seamer’	Seed weight	medium to large	low	PBR Application No. 2016/197
‘PBA Slasher’	Seed weight	medium to large	very low to low	PBR Application No. 2009/186
‘PBA Striker’	Seed colour	light to medium reddish brown	light to medium yellowish brown	PBR Application No. 2012/164
‘PBA Maiden’	Seed colour	light to medium reddish brown	light to medium yellowish brown	PBR Application No. 2012/165
‘Moti’	Seed weight	medium to large	low	PBR Application No. 2003/114
‘Ambar’	Seed weight	medium to large	very low	PBR Application No. 2012/044
‘Ambar’	Seed colour	light to medium reddish brown	medium to dark reddish brown	

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

Organ/Plant Part: Context	'AGV1001'	'PBA Boundary'	'PBA Drummond'	AGV1002'	'Kyabra'
☐ Plant: growth habit	erect to semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect
☐ Plant: ramification	medium to strong	medium	medium	medium to strong	medium
☒ Plant: height	tall	medium to tall	short to medium	tall	medium to tall
☐ Stem: anthocyanin colouration	present	present	present	present	present
☐ Foliage: intensity of green colour	medium	medium	medium	medium	medium
☐ Leaflet: size	medium	medium	medium to large	medium	medium
☐ Leaf: type	pinnate	pinnate	pinnate	pinnate	pinnate
☐ Plant: time of flowering	medium	medium	medium	early to medium	medium
☐ Flower: colour	purplish pink	purplish pink	purplish pink	purplish pink	purplish pink
☒ Pod: peduncle length	short	medium	long	medium	medium
☐ Pod: size	medium	small to medium	medium	medium	medium
☐ Pod: intensity of green colour	medium	medium	medium	medium	medium
☐ Pod: length of beak	short	short	short	short	short
☐ Pod: number of seeds	predominantly two	predominantly two	predominantly two	predominantly two	predominantly two
☐ Seed: colour	brown	brown	brown	greyed brown	brown
☐ Seed: intensity of colour	light	light	light	light	light
☒ Seed: weight	high	low	low	high	medium
☒ Seed: shape	round to angular	angular	angular	round to angular	round to angular
☒ Seed: ribbing	weak	strong	medium	weak	medium
☐ Plant: time of seed maturity	medium	medium	medium	medium	medium
☐ seed: type (additional characteristics)	desi	desi	desi	desi	desi

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AGV1001'	'PBA Boundary'	'PBA Drummond'	'AGV1002'	'Kyabra'
☐ Leaflet: colour of upper side (RHS)	137B	137B	137B	137B	137B
☐ Immature pod: colour (RHS)	143B-C	143B-C	143B-C	143B-C	143B-C
☐ Mature pod: colour (RHS)	162D	162C	162C	162D	162C-D
☐ Seed: colour (RHS)	166B(-164B)	165(A-)B	165B	174B-C	165B
☒ Stem: degree of anthocyanin coloration	slight	medium	strong	strong	medium

Statistical Table

Organ/Plant Part: Context	'AGV1001'	'PBA Boundary'	'PBA Drummond'	'AGV1002'	'Kyabra'
☐ Plant: days from sowing to flowering (days)					
Mean	80.20	78.20	77.60	79.80	80.60
Std. Deviation	1.79	2.59	3.29	2.59	2.07
Lsd/sig	4.40	ns	ns	ns	ns
☒ Plant: mature height (cm)					
Mean	77.30	69.50	58.30	79.40	72.00
Std. Deviation	3.56	5.49	9.54	2.16	4.37
Lsd/sig	9.44	ns	P≤0.01	ns	ns
☐ Plant: number of basal branches					
Mean	8.00	6.80	6.30	7.30	6.30
Std. Deviation	1.77	1.26	0.57	0.57	1.15
Lsd/sig	2.45	ns	ns	ns	ns
☐ Leaf: petiole length (mm)					
Mean	6.92	5.87	6.80	6.67	7.60
Std. Deviation	1.47	1.49	2.07	1.09	2.14
Lsd/sig	1.46	ns	ns	ns	ns
☒ Leaf: length of midrib (mm)					
Mean	74.65	67.43	63.90	72.88	73.43
Std. Deviation	5.47	5.97	5.42	4.46	4.77
Lsd/sig	4.42	P≤0.01	P≤0.01	ns	ns

☒ Leaf: number of leaflets					
Mean	15.73	14.77	13.97	15.57	15.53
Std. Deviation	0.58	0.94	0.72	0.77	0.86
Lsd/sig	0.60	P≤0.01	P≤0.01	ns	ns
☐ Leaf: midzone leaflet length (mm)					
Mean	17.52	16.80	16.47	17.13	17.02
Std. Deviation	1.21	1.28	1.44	1.07	1.30
Lsd/sig	1.11	ns	ns	ns	ns
☒ Leaf: midzone leaflet width (mm)					
Mean	7.42	7.71	8.68	7.24	7.25
Std. Deviation	0.44	1.09	0.95	0.57	0.54
Lsd/sig	0.60	ns	P≤0.01	ns	ns
☒ Leaf: midzone leaflet length:width ratio					
Mean	2.36	2.20	1.91	2.37	2.35
Std. Deviation	0.13	0.22	0.16	0.12	0.17
Lsd/sig	0.14	P≤0.01	P≤0.01	ns	ns
☒ Inflorescence: length of basal peduncle segment (mm)					
Mean	14.20	15.94	19.40	16.54	14.97
Std. Deviation	1.43	2.39	1.84	1.61	1.52
Lsd/sig	1.78	ns	P≤0.01	P≤0.01	ns
☐ Inflorescence: length of top peduncle segment (mm)					
Mean	12.98	12.15	12.18	12.43	13.08
Std. Deviation	0.70	1.08	1.31	0.59	0.84
Lsd/sig	0.95	ns	ns	ns	ns
☒ Inflorescence: overall length of peduncle (mm)					
Mean	27.18	28.09	31.58	28.97	28.04
Std. Deviation	1.87	2.78	2.08	1.75	1.92
Lsd/sig	2.30	ns	P≤0.01	ns	ns
☒ Inflorescence: percentage of peduncle in basal segment (%)					
Mean	52.16	56.55	61.42	57.00	53.29

Std. Deviation	2.18	3.76	3.93	2.57	2.63
Lsd/sig	2.69	P≤0.01	P≤0.01	P≤0.01	ns
☒ Pod: length (mm)					
Mean	24.34	22.76	24.07	23.92	23.76
Std. Deviation	0.77	1.27	0.87	1.26	1.50
Lsd/sig	1.03	P≤0.01	ns	ns	ns
☒ Pod: width (mm)					
Mean	10.89	10.03	10.97	10.48	10.66
Std. Deviation	0.39	0.66	0.38	0.47	0.52
Lsd/sig	0.52	P≤0.01	ns	ns	ns
☒ Pod: depth (mm)					
Mean	11.41	10.46	10.85	11.20	11.27
Std. Deviation	0.34	0.58	0.40	0.61	0.53
Lsd/sig	0.52	P≤0.01	P≤0.01	ns	ns
☒ Pod: width:depth ratio					
Mean	0.96	0.96	1.01	0.94	0.95
Std. Deviation	0.03	0.04	0.04	0.04	0.04
Lsd/sig	0.03	ns	P≤0.01	ns	ns
☐ Pod: beak length (mm)					
Mean	1.16	1.10	1.63	1.36	1.33
Std. Deviation	0.39	0.30	1.30	0.37	0.46
Lsd/sig	0.58	ns	ns	ns	ns
☐ Pod: number of seeds per pod					
Mean	1.68	1.82	1.80	1.69	1.71
Std. Deviation	0.12	0.10	0.19	0.08	0.12
Lsd/sig	0.17	ns	ns	ns	ns
☒ Seed: 100-seed weight (g)					
Mean	27.57	20.81	21.14	27.63	25.16
Std. Deviation	0.30	0.62	0.79	0.33	1.06
Lsd/sig	0.97	P≤0.01	P≤0.01	ns	P≤0.01

Prior Applications and Sales: Nil

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

Details of Application

Application Number	2018/261
Variety Name	'AGV1002'
Genus Species	*Cicer arietinum*
Common Name	Chickpea
Accepted Date	08 Apr 2019
Applicant	AgriVentis Technologies Pty Ltd, North Sydney, NSW 2060
Agent	Peter Maxwell and Associates, Sydney NSW 2000
Qualified Person	Dr Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD (Latitude 27°31'S, longitude 153°15'E, elevation 26 masl)
Descriptor	TG/143/5 Chickpea (NEW) (Cicer arietinum)
Period	20 May 2022 – 29 Nov 2022
Conditions	Experiment situated on a red volcanic (krasnozem or ferrosol) soil; seed sown into dry soil on 20 May 2022 prior to germinating rain on 21 May 2022; weed control by pre-emergence S-metolachlor (Dual Gold®) post-planting on 20 May 2022; 313 kg/ha of blended fertiliser (N:P:K:S = 12.8:14.2:11.9:6.4) applied after planting on 20 May 2022 to give 40 kg N, 44 kg P, 37 kg K, and 20 kg S per hectare; chickpea inoculant (Group N - CC1192) and thiram (Thiram WP Fungicide) applied as a slurry post-planting on 20 May 2022 followed by azoxystrobin (Amistar® 250 SC) as a soil drench on 27 May 2022. Applied aluminium ammonium sulphate (SCAT® Bird & Animal Repellent) on 29 Jun, 7 Jul, 19 Jul, 25 Jul 2022 to deter duck from damaging the young vegetative plants. Sprayed with chlorantraniprole (Coragen®) on 30 Sep 2022 to protect flowers and pods. Supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Mini-sward rows of 5 cultivars ('AGV1002', 'AGV1001', 'PBA Drummond', 'PBA Boundary', 'Kyabra') plus second-generation plots of 2 cultivars ('AGV1001', 'AGV1002') were arranged in 5 randomised blocks; ±20 plants per 1.5 m mini-sward plot seeded at c. 7.5 cm spacing along a single 70 m row; 0.5 m between mini-sward plots.
Measurements	Days to flowering determined progressively for each plot (2-10 Aug 2022). Measurements (six per plot) made of petiole and midrib lengths, leaflet number, and midzone leaflet length and width on fully expanded pinnate leaves from the fifth node below the stem tip (17-19 Aug 2022). Two-segmented peduncles on well-developed immature pods (12 per plot) measured (23-28 Sep 2022). Mature canopy height (11 Nov 2022) and numbers of primary basal branches (21 Nov 2022) determined (two measurements per plot). Samples of ripe pods taken (17-29 Nov 2022) for measurements of beak length and pod length, width and depth on

	12 well-developed pods per plot and seed counts per pod made from 50 pods per plot. Seed size determined from samples of 100 or more seeds per plot after sun drying. Analyses of variance (ANOVAs) conducted with GenStat Release 12.
RHS Chart - edition	2015 (6th edition)

Origin and Breeding

Controlled pollination and seedling selection: 'AGV1001' resulted from controlled pollination beginning in 2009 to develop breeder's Line A (Fox x Back Verandah genotypes [Australian]) and separately breeder's Line B (Hammersmith [Australian genotype] x Bangladesh strain). In 2011, the resultant Line A (an early, standard phenotype) was cross pollinated with the resultant Line B (a phenotype with a wide branch structure) by means of assisted open pollination (shaking paired lines in shared confined space). Progeny from this cross were then grown on (2011-2013), culling with preference for wide, well-formed plants of average height. In 2013, F6 populations were found to be uniform and stable, leading to the final selection of 'AGV1001'. Seed and testing for production traits continued through to 2017: The morphological appearance of 'AGV1001' was confirmed at two sites with consistent results. Breeder: Paul Stewart, Chatswood, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	desi
Seed	weight	high
Seed	colour	light - medium shades of brown

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Drummond'	PBR Application No. 2017/300; high yielding desi chickpea widely grown in Central Queensland
'PBA Boundary'	PBR Application No. 2011/201; desi chickpea broadly adapted to northern NSW & southern Queensland
'Kyabra'	PBR Application No. 2004/339
'AGV1001'	PBR Application No. 2018/260

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

'Nafice'	Plant	type	desi	kabuli	PBR Application No. 2005/083
'Almaz'	Plant	type	desi	kabuli	PBR Application No. 2005/084
'PBA Monarch'	Plant	type	desi	kabuli	PBR Application No. 2013/137
'Neelam’	Seed	weight	large	low	PBR Application No. 2012/213
'PBA HatTrick'	Seed	weight	large	low	PBR Application No. 2009/185
'PBA HatTrick'	Seed	colour	light to medium reddish brown	medium to dark brown	
‘PBA Pistol’	Seed	weight	large	low to medium	PBR Application No. 2009/301
‘PBA Seamer’	Seed	weight	large	low	PBR Application No. 2016/197
‘PBA Slasher’	Seed	weight	large	very low to low	PBR Application No. 2009/186
‘PBA Striker’	Seed	colour	light to medium reddish brown	light to medium yellowish brown	PBR Application No. 2012/164
‘PBA Maiden’	Seed	colour	light to medium reddish brown	light to medium yellowish brown	PBR Application No. 2012/165
'Moti'	Seed	weight	large	low	PBR Application No. 2003/114
'Ambar'	Seed	weight	large	very low	PBR Application No. 2012/044
'Ambar'	Seed	colour	light to medium reddish brown	medium to dark reddish brown	

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

Organ/Plant Part: Context	'AGV1002'	'AGV1001'	'Kyabra'	'PBA Boundary'	'PBA Drummond'
☐ Plant: growth habit	erect to semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect
☐ Plant: ramification	medium to strong	medium to strong	medium	medium	medium
☒ Plant: height	tall	tall	medium to tall	medium to tall	short to medium
☐ Stem: anthocyanin colouration	present	present	present	present	present
☐ Foliage: intensity of green colour	medium	medium	medium	medium	medium
☒ Leaflet: size	medium	medium	medium	medium	large
☐ Leaf: type	pinnate	pinnate	pinnate	pinnate	pinnate
☐ Plant: time of flowering	medium	medium	medium	medium	medium
☐ Flower: colour	purplish pink	purplish pink	purplish pink	purplish pink	purplish pink
☒ Pod: peduncle length	medium	short	medium	medium	long
☐ Pod: size	medium	medium	medium	small to medium	medium
☐ Pod: intensity of green colour	medium	medium	medium	medium	medium
☐ Pod: length of beak	short	short	short	short	short
☐ Pod: number of seeds	predominantly two	predominantly two	predominantly two	predominantly two	predominantly two
☐ Seed: colour	greyed brown	brown	brown	greyed brown	brown
☐ Seed: intensity of colour	light	light	light	light	light
☒ Seed: weight	high	high	medium	low	low
☒ Seed: shape	round to angular	round to angular	round to angular	angular	angular
☒ Seed: ribbing	weak	weak	medium	strong	medium
☐ Plant: time of seed maturity	medium	medium	medium	medium	medium to late
☐ seed: type (additional characteristics)	desi	desi	desi	desi	desi

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'AGV1002	'AGV1001'	'Kyabra'	'PBA Boundary'	'PBA Drummond'
☐ Leaflet: colour of upper side (RHS)	137b	137b	137b	137b	137b
☐ immature pod: colour (RHS)	143b-c	143b-c	143b-c	143b-c	143b-c
☐ mature pod: colour (RHS)	162d	162d	162c-d	162c	162c
☐ seed: colour (RHS)	174b-c	166b(-164b)	165b	165(a-)b	165b
☒ stem: degree of anthocyanin coloration	strong	slight	medium	medium	strong

Statistical Table

Organ/Plant Part: Context	'AGV1002	'AGV1001'	'Kyabra'	'PBA Boundary'	'PBA Drummond'
☐ Plant: days from sowing to flowering (days)					
Mean	79.80	80.20	80.60	78.20	77.60
Std. Deviation	2.59	1.79	2.07	2.59	3.29
Lsd/sig	4.40	ns	ns	ns	ns
☒ Plant: mature height (cm)					
Mean	79.40	77.30	72.00	69.50	58.30
Std. Deviation	2.16	3.56	4.37	5.49	9.54
Lsd/sig	9.44	ns	ns	P≤0.01	P≤0.01
☐ Plant: number of basal branches					
Mean	7.30	8.00	6.30	6.80	6.30
Std. Deviation	0.57	1.77	1.15	1.26	0.57
Lsd/sig	2.45	ns	ns	ns	ns
☐ Leaf: petiole length (mm)					
Mean	6.67	6.92	7.60	5.87	6.80
Std. Deviation	1.09	1.47	2.14	1.49	2.07
Lsd/sig	1.46	ns	ns	ns	ns
☒ Leaf: length of midrib (mm)					
Mean	72.88	74.65	73.43	67.43	63.90
Std. Deviation	4.46	5.47	4.77	5.97	5.42
Lsd/sig	4.42	ns	ns	P≤0.01	P≤0.01

☒ Leaf: number of leaflets					
Mean	15.57	15.73	15.53	14.77	13.97
Std. Deviation	0.77	0.58	0.86	0.94	0.72
Lsd/sig	0.60	ns	ns	P≤0.01	P≤0.01
☐ Leaf: midzone leaflet length (mm)					
Mean	17.13	17.52	17.02	16.80	16.47
Std. Deviation	1.07	1.21	1.30	1.28	1.44
Lsd/sig	1.11	ns	ns	ns	ns
☒ Leaf: midzone leaflet width (mm)					
Mean	7.24	7.42	7.25	7.71	8.68
Std. Deviation	0.57	0.44	0.54	1.09	0.95
Lsd/sig	0.60	ns	ns	ns	P≤0.01
☒ Leaf: midzone leaflet length:width ratio					
Mean	2.37	2.36	2.35	2.20	1.91
Std. Deviation	0.12	0.13	0.17	0.22	0.16
Lsd/sig	0.14	ns	ns	P≤0.01	P≤0.01
☒ Inflorescence: length of basal peduncle segment (mm)					
Mean	16.54	14.20	14.97	15.94	19.40
Std. Deviation	1.61	1.43	1.52	2.39	1.84
Lsd/sig	1.78	P≤0.01	ns	ns	P≤0.01
☐ Inflorescence: length of top peduncle segment (mm)					
Mean	12.43	12.98	13.08	12.15	12.18
Std. Deviation	0.59	0.70	0.84	1.08	1.31
Lsd/sig	0.95	ns	ns	ns	ns
☒ Inflorescence: overall length of peduncle (mm)					
Mean	28.97	27.18	28.04	28.09	31.58
Std. Deviation	1.75	1.87	1.92	2.78	2.08
Lsd/sig	2.30	ns	ns	ns	P≤0.01
☒ Inflorescence: percentage of peduncle in basal segment (%)					
Mean	57.00	52.16	53.29	56.55	61.42

Std. Deviation	2.57	2.18	2.63	3.76	3.93
Lsd/sig	2.69	P≤0.01	P≤0.01	ns	P≤0.01
☒ Pod: length (mm)					
Mean	23.92	24.34	23.76	22.76	24.07
Std. Deviation	1.26	0.77	1.50	1.27	0.87
Lsd/sig	1.03	ns	ns	P≤0.01	ns
☐ Pod: width (mm)					
Mean	10.48	10.89	10.66	10.03	10.97
Std. Deviation	0.47	0.39	0.52	0.66	0.38
Lsd/sig	0.52	ns	ns	ns	ns
☒ Pod: depth (mm)					
Mean	11.20	11.41	11.27	10.46	10.85
Std. Deviation	0.61	0.34	0.53	0.58	0.40
Lsd/sig	0.52	ns	ns	P≤0.01	ns
☒ Pod: width:depth ratio					
Mean	0.94	0.96	0.95	0.96	1.01
Std. Deviation	0.04	0.03	0.04	0.04	0.04
Lsd/sig	0.03	ns	ns	ns	P≤0.01
☐ Pod: beak length (mm)					
Mean	1.36	1.16	1.33	1.10	1.63
Std. Deviation	0.37	0.39	0.46	0.30	1.30
Lsd/sig	0.58	ns	ns	ns	ns
☐ Pod: number of seeds per pod					
Mean	1.69	1.68	1.71	1.82	1.80
Std. Deviation	0.08	0.12	0.12	0.10	0.19
Lsd/sig	0.17	ns	ns	ns	ns
☒ Seed: 100-seed weight (g)					
Mean	27.63	27.57	25.16	20.81	21.14
Std. Deviation	0.33	0.30	1.06	0.62	0.79
Lsd/sig	0.97	ns	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales: Nil

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

Details of Application

Application Number	2014/202
Variety Name	'Firecracker'
Genus Species	*Metrosideros collina*
Common Name	Christmas Bush
Accepted Date	26 Nov 2014
Applicant	Joshua Waterworth, Beerwah, QLD, 4519
Agent	
Qualified Person	Matthew Roche

Details of Comparative Trial

Location	Waterworths Nursery, Glass House Mountains QLD, Australia
Descriptor	PBR METR
Period	TBC cutting date to TBC exact date in February 2017 when final measurements were collected.
Conditions	Information TBC by the Applicant. Following cutting and establishment, plants were replanted into 140 mm pots, then 200 mm pots, then 300 mm pots, prior to measurements being recorded within the 300 mm for PBR purposes.
Trial Design	Five (5) plants per variety were grown in a randomised block design. Two replicates.
Measurements	Two (2) measurements from each of the 300 mm diameter pots. RHS colour measurements taken 8 May 2015.
RHS Chart - edition	Royal Horticultural Society (RHS) colour chart (2005) (fifth) edition.

Origin and Breeding

Spontaneous mutation or Sport: Initial cuttings were taken from *Metrosideros collina* 'Fiji Fire' and propagated stock gardens planted and maintained by the Applicant. All subsequent generations were closely monitored including photographs for any variations to the original parent plant. Breeder: Joshua Waterworth, Beerwah, QLD, 4519

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	variegation	present

Plant	growth habit	erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fireworks'	
'Gala'	*Metrosideros excelsa* but included due to similar leaf variegation

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

Organ/Plant Part: Context	'Firecracker'	'Fireworks'	'Gala'
☐ *Plant: growth habit	erect	erect	erect
☐ Plant: height	medium	medium	medium to tall
☐ Plant: density of foliage	dense	dense	medium to dense
☐ Leaf: length	long	medium	short to medium
☐ Leaf: width	medium to broad	medium to broad	medium to broad
☐ *Leaf: position of broadest part	in middle	in middle	in middle
☐ *Leaf: shape of apex	acute	acute	obtuse
☐ *Leaf: petiole	present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Firecracker'	'Fireworks'	'Gala'
☐ **Young leaf: main colour**	red	red	green
☐ **Leaf: shape**	eliptic	eliptic	oblong
☒ **Upper leaf marginal: colour**	139A	9A	139A
☐ **Plant: attitude of branches**	semi-erect	semi-erect	erect
☒ **Upper leaf central: colour**	1A	139A	1C
☒ **Upper leaf mid vein: colour**	59A	151A (yellow green)	1C
☒ **Lower leaf marginal: colour**	147B	10A	191A

☒ **Lower leaf central: colour**	151A	146B	195C
☒ **Lower leaf mid vein: colour**	59A	59A	195C

Statistical Table

Organ/Plant Part: Context	**'Firecracker'**	**'Fireworks'**	**'Gala'**
☐ **Plant: height (cm)**			
Mean	91.00	88.20	81.80
Std. Deviation	0.47	0.63	0.42
Lsd/sig			
☐ **Plant: canopy diameter (cm)**			
Mean	67.90	69.30	67.70
Std. Deviation	0.32	1.70	0.48
Lsd/sig			
☐ **Internode length: top 5 of the stem (cm)**			
Mean	2.00	2.00	1.50
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
☐ **Internode length: top 5 to 10 of the stem (cm)**			
Mean	2.00	2.00	1.50
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
☐ **Juvenile leaf: length (mm)**			
Mean	25.00	23.00	21.00
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
☐ **Juvenile leaf: width (mm)**			
Mean	10.00	11.00	11.00
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
☐ **Mature leaf: width (mm)**			

Mean	25.00	25.00	24.00
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
Mature leaf: Petiole length (mm)			
Mean	2.00	2.00	5.00
Std. Deviation	0.00	0.00	0.00
Lsd/sig			
Mature leaf: length (mm)			
Mean	65.00	65.00	48.00
Std. Deviation	0.00	0.00	0.00
Lsd/sig			

Prior Applications and Sales:

No prior sale or application.

Description: **Matt Roche**, QLD

Details of Application

Application Number	2019/281
Variety Name	'GK281'
Genus Species	*Dactylis glomerata*
Common Name	Cocksfoot
Synonym	'*Summadorm*'
Accepted Date	28-Feb-2020
Applicant	Grasslanz Technology Limited, Palmerston North 4442, New Zealand
Agent	Barenbrug Australia Pty Ltd, Dandenong South, VIC 3175, Australia
Qualified Person	Allen Newman

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	COC014 Grant no. 34423
Location	Lincoln, New Zealand
Descriptor	TG/31/8 2002
Period	2020 & 2021
Conditions	N/A
Trial Design	RBD
Measurements	N/A
RHS Chart - edition	N/A

Origin and Breeding

Open-pollination: An initial bulk sown "clean-up" of a Kasbah seed line imported from Australia; to remove ryegrass and continental off-types in a sown plot. This was followed by 4 cycles of selection through 4 generations of isolated single plants, removing low tiller density plants, continental types, disease susceptible plants and the lower 50% on seed yield after single plant harvest. Each season a new bulk was made up of the elite selection and the cycle repeated as a new generation of single plants. Breeder: Shaun Monk, Grasslanz Technology Limited, Palmerston North 4442, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	tetraploid
Plant	time of inflorescence emergence (after vernalisation)	very early to early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sendace'	
'Uplands'	
'Safin'	
'LE 12-90(Aurus)'	

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
'Uplands'	inflorescence: inflorescence emergence timing	early	late	
'LE 12-90'	foliage: fineness	medium to coarse	fine	
'Sendace'	plant: inflorescence emergence timing	early	late	
'Sendace'	plant summer activity	very low	low	

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

Organ/Plant Part: Context	'GK281'	'LE 12-90(Aurus)'	'Safin'
☐ Ploidy:	tetraploid		
☒ Foliage: fineness	fine	medium to coarse	
☐ Plant: tendency to form inflorescences (without vernalisation)	absent or very weak		

☐ Leaf: intensity of green colour	dark	
☒ *Plant: time of inflorescence emergence	very early to early	early to medium
☐ Plant: growth habit at inflorescence emergence	semi-upright	
☐ *Stem: length of longest stem including inflorescence	short to medium	
☐ Stem: length of upper internode	medium	
☐ Inflorescence: length	medium	
☐ *Flag leaf: length	short to medium	
☐ *Flag leaf: width	medium to wide	

Prior Applications:

Country	Year	Status	Name Applied
New Zealand	2019	granted	'GK281'

First sale: Nil

Description: Allen Newman, VIC 3175.

Details of Application

Application Number	2022/065
Variety Name	'Patron'
Genus Species	*Triticum durum*
Common Name	Durum Wheat
Synonym	
Accepted Date	29 Jun 2022
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy
Descriptor	TG/120/4
Period	2022
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Roundup Ultra (1.5 l/ha), Voraxor (100mls) and Hasten (1l/100l) were applied and then Overwatch (1.25L) and Avadex Xtra (2L) were done is a separate application prior to seeding. The trial was sown on 3rd June 2022 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 8 th August with Paradigm (25g), Axial xtra (500mls), MCPA LVE 570 (500mls) to control weeds, and Lemat insecticide was added (100mls) for insect control. On the 29 th July and the 5th September 50 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 8 th August using Elatus Ace (500mls). On the 13th September Prosaro (300mls) and BS1000 (250mls) were applied, and re-application occurred on 19th October. The season finished late with a wet spring. The trial was harvested on 23 rd December 2022.
Trial Design	Randomised block design of 8 blocks and 6 entries consisting of comparators and potential candidates. Sown in 24 ranges of 2 plots wide, block 1 being in ranges 1 to 3 and so on. Plots were 1.32 m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The cross was made at Plant Breeding Institute (PBI), Narrabri in 2013 resulting in a population coded D13013 The population was selfed from F1 to F2 in AGT Summer nursery. The F2 population was grown in the field at PBI, Narrabri, with selection for plant type, maturity and rust resistances. In 2015 these lines entered AGT's agronomic, disease and quality testing network across; New South Wales, Queensland, Victoria and South Australia. In 2018 a selection was identified which became AGTD109. In 2021 AGTD109 entered the National Variety Trials (NVT) across; Queensland, New South Wales, Victoria and South Australia. Seed purification began in 2018 and this seed was used as the source for commercial seed multiplication. Australian Grain Technologies Pty Ltd. Mr Thomas Kapcejevs, Dr Meiqin Lu.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flag leaf	glaucosity of sheath	absent or very weak to weak
Ear	Scurs or awns	fully awned
Ear	Colour	White
Awn	Colour	White
Plant	Seasonal type	Spring
Plant	Growth habit	Semi erect to intermediate
Flag leaf	Anthocyanin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bitalli'	matches all grouping characteristics
'Caparoi'	matches all grouping characteristics
'DBA Aurora'	matches all grouping characteristics
'Westcourt'	matches all grouping characteristics

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Saintly'	ear	scurs and awns	fully awned	tip awned	

‘Saintly’	plant	time of ear emergence	medium		early

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

Organ/Plant Part: Context	'Patron'	'Bitalli'	'Caparoi'	'DBA Aurora'	'Westcourt'
☐ Plant: growth habit	semi-erect to in termediate	semi-erect to in termediate	semi-erect to in termediate	semi-erect to in termedia te	semi-erect to in termediate
☐ Plant: Frequency of plants with recurved flag leaves	low	low	low to medium	low to medium	low to medium
☐ Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Flag leaf: glaucosity of sheath	medium	medium to strong	medium	strong	medium to strong
☐ Flag leaf: glaucosity of lower side of leaf blade	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak
☐ Culm : glaucosity of neck	medium	medium to strong	medium	strong	medium to strong
☐ Ear: glaucosity	weak to medium	medium to strong	medium	medium to strong	medium to strong
☐ Ear: distribution of awns	fully awned	fully awned	fully awned	fully awned	fully awned
☐ Ear: length of awns at tip relative to length of ear	shorter	shorter	shorter	shorter	shorter
☐ Lower glume: shape	narrow oblong	narrow oblong	narrow oblong	narrow oblong	narrow oblong
☐ Lower glume: shape of shoulder	elevated	elevated	straight	elevated	elevated
☐ Lower glume: width of shoulder	very narrow	very narrow	very narrow	very narrow	very narrow
☒ Lower glume: length of beak	medium	very short	very short	very short to short	very short
☒ Lower glume: curvature of beak	moderate to strong	absent	absent	absent to weak	absent to weak
☐ Lower glume: hairiness of external surface	absent	absent	absent	absent	absent

☐ Straw: pith in cross section	thin	thin	thin to medium	thin	thin
☐ Awn: colour	white	white	white	white	white
☐ Ear: colouration	white	white	white	white	white
☐ Ear: density	dense to very dense	very dense	very dense	dense to very dense	very dense
☐ Grain: length of brush hair	short	short	short	short	short
☐ Grain: shape	slightly elongated	slightly elongated	slightly elongated	slightly elongated	slightly elongated
☐ Plant: seasonal type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Patron'	'Bitalli'	'Caparoi'	'DBA Aurora'	'Westcourt'
☐ **Plant: length (cm)**					
Mean	92.30	89.10	90.00	89.30	100.40
Std. Deviation	3.10	1.80	1.00	2.70	2.50
Lsd/sig	3.7	ns	ns	ns	P≤0.01
☐ **Plant: time of ear emergence (Julian days)**					
Mean	270.80	263.20	271.60	270.10	270.00
Std. Deviation	2.30	1.80	1.30	3.10	1.90
Lsd/sig	2.7	P≤0.01	ns	ns	ns
☒ **Ear: length (mm)**					
Mean	93.00	86.60	88.30	98.00	92.20
Std. Deviation	2.70	2.10	3.60	5.10	2.70
Lsd/sig	4.7	P≤0.01	ns	P≤0.01	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application

Application Number	2021/247
Variety Name	'NEA12'
Genus Species	*Epichloe* sp.
Common Name	Endophyte
Accepted Date	15 Dec 2021
Applicant	Agriculture Victoria Services Pty Ltd, AgriBio, Centre for AgriBioscience, 5 Ring Road, Bundoora, VIC, 3083, Australia
Author of Description	Kevin Smith

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	FEN031
Location	AgResearch Grasslands, Palmerston North, 4442, New Zealand
Descriptor	Objective Description for Endophyte 10/18
Period	2018 - 2019
Conditions	N/A
Trial Design	Pathogen growth inhibition - antifungal bioactivity using an in vitro dual culture bioassay.
Measurements	Inhibitory activity of 'NEA12' measured against several pathogenic fungi isolated from perennial ryegrass.

Origin and Breeding

Asexual (clonal) propagation: the fungal endophyte 'NEA12' of *Epichloe* sp. (*Lolium perenne* Taxonomic Group 3) was isolated and purified from perennial ryegrass and selected for genetic (Single Nucleotide Polymorphisms) variation and alkaloid production. More information on the discovery and characterisation of the endophyte 'NEA12' can be found at the publication Kaur et al. (2015) Crop & Pasture Science 66:1058–1070. Breeder: Prof. German Spangenberg, Bundoora, VIC, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Genetic similarity	Single Nucleotide Polymorphisms	Classified on clade LpTG-3

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'AR37'	

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

Organ/Plant Part: Context	'NEA12'
☐ Colony: rate of growth (of subculture)	slow to medium
☐ Colony: sporulation	absent
☐ Colony: immersion of margin in agar	low
☐ Colony: convolution	low
☐ Colony: shape of outer margin	irregular
☐ Aerial mycelium: type	fluffy to fibrous

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'NEA12'	'AR37'
☒ Colony: antifungal bioactivity - pathogen growth inhibition against *Michrodium* sp.	medium	very weak to weak
☒ Colony: antifungal bioactivity - pathogen growth inhibition against *Drechslera* sp	medium to strong	weak

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2017	Granted	'NEA12'

First sold in: Nil.

Description: Kevin Smith, Hamilton, VIC 3300

Details of Application

Application Number	2019/261
Variety Name	'PetiteWhite'
Genus Species	*Plumeria obtusa*
Common Name	Evergreen Frangipani
Synonym	
Accepted Date	27 Aug 2020
Applicant	Darwin Plant Wholesalers, Winnellie, NT 0821
Agent	
Qualified Person	Ian Paananen
Author of Description	Ian Paananen, Crop & Nursery Services, Central Coast, NSW

Details of Comparative Trial

Location	Lambells Lagoon, NT
Descriptor	PBR General Descriptor
Period	2018-2020
Conditions	Trial conducted in open beds, plants originally propagated by cuttings, mature plants in 300 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

Open pollination: *Plumeria obtusa* in 2015. The seed parent is characterised by a medium plant height, medium leaf size and medium stem length of internode. Selection criteria: dwarf plant growth form with smaller leaf size.. Propagation: vegetative cuttings were taken from the original plant and propagated for several generations to confirm the uniformity and stability of the selection. Breeder: Darryl South, Darwin Plant Wholesalers, Lambells Lagoon, NT.

Choice of Comparators: Characteristics 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	length of blade	medium

Flower	type	single
Petal	predominant colour	white
Petal	eye zone	present
Petal	colour of eye zone	yellow
Leaf	shape	oblanceolate
Leaf	presence of variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
P. obtusa common form	Seed parent

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
'Australiagold'	Leaf	presence of variegation	absent	present	'Australiagold' also has weaker branching and a lack of basal branching
'Singapore White'	Plant	degree of branching	strong	weak	'Singapore' White also has a lack of basal branching and broader leaf width

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

Organ/Plant Part: Context	'PetiteWhite'	*P. obtusa* common form
☒ Plant: type	shrub	tree
☐ Plant: growth habit	erect	erect
☐ Stem: presence of hairs	absent	absent

☐ Stem: presence of anthocyanin in new growth	absent	absent
☐ Young shoot: anthocyanin colouration	absent or very weak	absent or very weak
☐ Leaf: leaf type	simple	simple
☐ Leaf: attitude	semi-erect	semi-erect
☐ Leaf: arrangement	alternate	alternate
☐ Leaf: length of blade	medium	medium
☒ Leaf: width of blade	narrow	medium
☐ Leaf: length of petiole	medium	medium
☐ Leaf: shape	oblanceolate	oblanceolate
☒ Leaf: shape of apex	acute	obtuse
☐ Leaf: shape of base	cuneate	cuneate
☐ Leaf: incision of margin	absent	absent
☐ Leaf: shape of cross-section	concave	concave
☐ Leaf: curvature of longitudinal axis	straight	straight
☐ Leaf: glossiness of upper side	medium to strong	medium to strong
☐ Leaf: green colour	medium to dark	medium to dark
☐ Leaf: presence of variegation	absent	absent
☒ Leaf: primary colour (RHS colour chart)	137A	ca NN137A
☐ Leaf colour: number of colours	one	one
☐ Flower: type	single	single
☐ Flower: attitude	erect	erect
☐ Flower: diameter	medium	medium
☐ Petal: predominant colour of upper side (RHS colour chart)	NN155D	NN155D
☐ Petal: predominant colour of lower side (RHS colour chart)	NN155D	NN155D
☐ Petal: eye zone (basal spot upper side)	present	present

☐ Petal: colour of eye zone (RHS colour chart)	7A	7A
☐ Petal: reflexing of margin	absent or very weak	absent or very weak
☐ Petal: incision	absent or very weak	absent or very weak
☐ Petal: undulation	absent or very weak	absent or very weak
☐ Petal: shape	obovate	obovate

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'PetiteWhite'**	***P. obtusa* common form**
☐ Stem: colour of new growth (RHS)	144A-B	144A-B
☐ Leaf: colour of lower side (RHS)	ca 146C	ca 146C
☒ Plant: degree of branching	strong	weak
☒ Plant: presence of basal branching	present	absent

Prior Applications and Sales: Nil

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

Details of Application

Application Number	2020/224
Variety Name	'NUFU2001'
Genus Species	*Fuchsia* hybrid
Common Name	Fuchsia
Accepted Date	15-Jan-2021
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564
Qualified Person	John Oates

Details of Comparative Trial

Location	Stilton Lane, Picton NSW Australia
Descriptor	CPVO-TP/Fuchsia/1 Final
Period	Oct 2021 - May 2023
Conditions	15 Plants of applicant and comparator grown in 15cm pots and grouped in a random block design. Overhead watering as required. grown under plastic cover.
Trial Design	Random block design.
Measurements	As per UPOV Technical guidelines
RHS Chart - edition	6th Edition 2015

Origin and Breeding

Controlled pollination: between female parent, X14.1.3 and the male parent X14.5.2 (both being breeding lines of the breeder) was conducted in March 2015. Over the period 2016 to January 2017 selections was made for the following characters: heat tolerance, plant size: small; Flower size: medium; flowering time; early and flower colour: purple. Single seedling selected in Jan 2017 and vegetatively reproduced over at least 5 generations has shown no variation for the selected characters. Breeder: Graham Brown, Nuflora International Pty Ltd, Macquarie Fields, NSW, 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
Sepal	main colour of outer side	pink

Petal	main colour of outer side	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Electric Lights'	

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

Organ/Plant Part: Context	'NUFU2001'	'Electric Lights'
☐ Plant: attitude of shoots	erect to semi-erect	erect to semi-erect
☐ Stem: anthocyanin colouration	present	absent
☐ Stem: intensity of anthocyanin colouration	weak to medium	medium to strong
☐ Leaf blade: length	short	short
☒ Leaf blade: width	medium	narrow
☐ Leaf blade: variegation	absent	absent
☒ Leaf blade: colour of upper side	medium green	light green
☐ Leaf blade: blistering	very weak	very weak
☐ Leaf blade: depth of incisions of margin	very flat to flat	very flat to flat
☐ Flower bud: length	medium	medium
☐ Flower bud: width	narrow to medium	medium
☐ Flower: type	single	single
☐ Ovary: anthocyanin colouration	absent	absent
☐ Hypanthium: shape	ventricose-globose	ventricose-globose
☒ Hypanthium: colour (RHS Colour Chart)	N77A~B	142A
☐ Sepal: attitude	drooping	drooping

☐ Sepal: attitude of cusp	incurving	incurving to straight
☐ Sepal: main colour of outer side (RHS Colour Chart)	52B	57C
☐ Sepal: main colour of inner side (RHS Colour Chart)	52B	57C
☒ Flower: width	narrow	medium
☐ Petal: main colour of outer side (RHS Colour Chart)	72A	79A
☐ Petal: main colour of inner side (RHS Colour Chart)	72A	79A
☐ Filament: colour	red	red
☐ Style: colour	red	red
☐ Time of: beginning of flowering	medium	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'NUFU2001'**	**'Electric Lights'**
☐ Filament: length	very long	long
☒ Leaf: cross-section	flat	carinate
☒ Petal: length	short	medium
☐ Petal: width	narrow	medium

Prior Applications and Sales: Nil

Description: John Oates, Merimbula, NSW 2548

Details of Application

Application Number	2021/252
Variety Name	'Newsun2101'
Genus Species	*Gazania* x hybrida
Common Name	Gazania
Accepted Date	05 May 2022
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564
Qualified Person	John Oates

Details of Comparative Trial

Location	Picton, NSW, Australia
Descriptor	TG/333/1
Period	July - December 2022
Conditions	Plants struck from cuttings into 140mm plastic pots using premium potting mix. 20 plants each of candidate and comparator. Trial conducted outdoors. Overhead irrigation as required.
Trial Design	Completely randomised design
Measurements	As per UPOV technical guidelines.
RHS Chart - edition	6th Edition

Origin and Breeding

Controlled Pollination: The female parent, a breeding line G1301 and the male parent, a breeding line G906, were hybridized in spring 2014. From the resultant seedlings selections were made for the characters: Flower colour: yellow; floral arrangement: double; leaf, stem colour: grey-white pubescent; stem attitude: decumbent. In spring 2016 the final selection NX14-6-6 was made and subsequently name 'Newsun2101'. The variety has remained stable for the selection criteria over 5 generations of vegetative propagation. Breeder: Narelle Bolwell, Picton, NSW, 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 habit	spreading
Leaf	colour of variegation	none
Ray floret	colour with largest area of upper side	Gr. 2: yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Gazania tomentosa	

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
'Sunabout'	Leaf	pubescence	very strong	absent r very weak	
'Sunabout'	Ray floret	colour	160B-D	6A	
'Nuflordyna'	Ray floret	basal spot	absent	present (black)	

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

Organ/Plant Part: Context	'Newsun2101'	*Gazania tomentosa*
☐ Plant: type	groundcover	groundcover
☐ Plant: growth habit	spreading	spreading
☐ Plant: height	short	medium
☐ Plant: width	medium	medium to broad
☐ Stem: presence of hairs	present	present
☐ Leaf: length of blade	short to medium	long
☐ Leaf: width of blade	narrow to medium	medium to broad
☐ Leaf: glossiness of upper surface (without hair)	very weak	very weak
☐ Leaf: presence of variegation	absent	absent
☐ Inflorescence: diameter	medium	medium
☐ Inflorescence: length of peduncle	long	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Newsun2101'	*Gazania tomentosa*
☐ Ray floret: length	medium	long
☐ Plant: number of leaves with lobing	medium	few
☐ Leaf: intensity of green colour	dark	medium
☐ Leaf: colour upper side	NN137A	147A
☐ Leaf: pubescence	very strong	very strong
☐ Peduncle: anthocyanin colouration	absent or very weak	absent or very weak
☒ Flower Head: disc type	anemone	daisy
☒ Flower Head: size of disc in relation to flower head	large to very large	medium
☐ Flower Head: number of ray florets	medium	medium
☐ Ray Floret: width	narrow	medium
☐ Ray Floret: ratio length/width	very low	medium
☐ Ray Floret: profile in cross section	concave	concave
☒ Ray Floret: curvature in longitudinal axis	moderately recurving	straight
☒ Ray Floret: colour one RHS	23A	9A
☒ Ray Floret: distribution of colour one	1	21
☒ Ray Floret: shape of apex	obtuse	rounded
☒ Ray Floret: distribution of colour two	21 above base	
☒ Ray Floret: colour two RHS	163B fading to 158B	

Prior Application: Nil

First sold on 25 Jan 2021, Australia.

Description: John Oates, Merimbula NSW, 2548.

Details of Application

Application Number	2018/259
Variety Name	'Menhir'
Genus Species	*Ginkgo biloba*
Common Name	Ginkgo
Synonym	'Lemonlime spire'
Accepted Date	08 Nov 2018
Applicant	Jan-Willem Wezelenberg, Hazerswoude-Dorp, Netherlands
Agent	Plants Management Australia Pty. Ltd, Dodges Ferry, TAS 7173
Qualified Person	Jordan Smark

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt (Federal Plant Variety Office, Germany)
Overseas Data Reference Number	GKO 9
Location	Wonga Park, VIC
Descriptor	BSA-März 2005
Period	September 2018 to December 2022
Conditions	Verification trial conducted in the open with overhead irrigation. Plants budded in February 2020 onto *Ginkgo biloba* rootstock (sown September 2018) and potted into 200mm pots in June 2021. These were further potted into 250mm during winter 2022. Pots were filled with soilless, pinebark-based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
Trial Design	Twelve plants grown in a block
Measurements	From ten plants randomly selected
RHS Chart - edition	5th Edition

Origin and Breeding

Spontaneous mutation: The breeder identified a naturally occurring mutation on a production-bed planting of open-pollinated seed-raised *Ginkgo biloba* at his nursery in Hazerswoude-Dorp, Netherlands, in 1996. He identified a branch on one of the seedlings that exhibited narrow upright growth and a dense branching habit. This plant was isolated, and material taken and grafted onto *Ginkgo biloba* rootstock for further evaluation in 1998. After a few years of evaluation and two cycles of selection, successive generations of the variety have proved uniform and stable. Breeder: Jan-Willem Wezelenberg, Hazerswoude-Dorp, Netherlands.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Barabits Fastigiata'	International comparator
'Fastigiata'	International comparator

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

Organ/Plant Part: Context	'Menhir'	'Barabits Fastigiata'	'Fastigiata'
☐ Plant: growth habit	erect	erect	erect
☒ Branch: colour on sunny side	medium brown	grey brown	
☒ Branch: angle between first 5 cm of branch and stem	medium		very small to small
☐ Branch: attitude in the middle third	curved up		
☐ Plant: time of sprouting	medium		
☐ Stem: colour on sunny side in upper third	yellow green		
☒ Stem: colour on sunny side in middle third	light brown	grey	
☐ Stem: number of lenticels in middle third	medium to many		
☐ Petiole: length	short		medium
☐ Petiole: colour of upper side	light green		
☒ Leaf blade: length	short		medium
☐ Leaf blade: width	small		
☒ Leaf blade: colour of upper side	light green	dark green	

Note: While the Overseas DUS Test Report states that "Stem: colour on sunny side in middle third" is "brown", during examination at the verification trial it was decided that "light brown" is more accurate.

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Menhir'	'Barabits Fastigiata'	'Fastigiata'
☐ Leaf blade: colour of upper side (young leaf) (RHS chart)	146A		
☐ Leaf blade: colour of lower side (young leaf) (RHS chart)	146B		
☐ Leaf blade: colour of upper side (mature leaf) (RHS chart)	147A		
☐ Leaf blade: colour of lower side (mature leaf) (RHS chart)	147B		
☐ Leaf bud: colour	dark brown		
☐ Leaf bud: length	very short		

Prior Applications and Sales:

Country	Year	Status	Name Applied
United States	2013	Granted	'Menhir'
European Union	2014	Granted	'Menhir'

First sold in: 03 September 2012, Netherlands.

Description: Jordan Smark, Wonga Park, VIC.

Details of Application

Application Number	2017/052
Variety Name	'Itumfour'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Accepted Date	31 Jul 2017
Applicant	Investigacion y Tecnologia de Uva de Mesa S.L., Blanca, Murcia 30540, Spain
Agent	AJR Variety Development Pty Ltd., 20 Bertram Road, Euston, NSW, 2737, Australia
Qualified Person	Alison MacGregor

Details of Comparative Trial

Location	Euston, NSW
Descriptor	Grapevine (new) UPOV TG/50/9
Period	2018 - 2020
Conditions	The candidate variety was planted in a comparator trial at a commercial table grape vineyard at Euston in south western New South Wales. Vine nutrition, pests, diseases, weeds, pruning and irrigation were all managed in accordance with the rest of the commercial vineyard. The candidate and comparator varieties were all grafted to Paulson rootstock. Plant measurements were completed in February 2020.
Trial Design	The candidate and two comparator varieties were planted in a randomised block design with five replicates of each variety plot totalling fifteen vines of each variety. An additional comparator, planted in the adjacent row, was also used as a comparator against the candidate but is excluded from the statistical analysis because it was not included in the same randomised block design as the candidate.
Measurements	Observations of the candidate and comparators were compared at bud burst and subsequently on new young shoots, young leaves, mature leaves, berries, bunches and canes.
RHS Chart - edition	RHS colour chart fifth edition reprinted 2007.

Origin and Breeding

Controlled pollination: 'Itumfour' cultivar resulted from controlled hybridization between 'Itum 91-90-5' (seed parent) and 'Princess' (pollen parent) in 2003 at the ITUM vineyard at the Instituto Madrileno de Investigacion y Desarrollo Rural, Agrario y Alimentario (IMIDRA), in Murcia, Spain. Plants were produced from the maternal parent using embryo rescue procedures. Selections were made after screening for molecular markers associated with seedlessness and quality of fruit in post-harvest storage. Breeder: Manuel Tornell and Juan Carreño, Investigacion y Tecnologia de Uva de Mesa S.L., Blanca, Murcia 30540, Spain.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Berry	colour of skin	green or yellow green
Young shoot	openness of tip	wide open
Young shoot	anthocyanin colouration of prostrate hairs on tip	absent or very weak
Mature leaf	size of blade	medium
Mature leaf	number of lobes	five
Flower	sexual organs	fully developed stamens and fully developed gynoecium
Berry	anthocyanin colouration of flesh	absent or very weak
Berry	thickness of skin	medium
Berry	particular flavour	none
Berry	formation of seeds	rudimentary or none

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Thompson Seedless'	mid-season, ellipsoid, seedless white grape
'Ivory Seedless'	early maturing ellipsoid seedless white grape
'Sheegene 17' (Great Green Seedless)	mid-season, ellipsoid, seedless white grape

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety		State of Expression in Comparator Variety	Comments
'Regal Seedless'	mature leaf	leaf shape in cross section	flat leaf	undulations of the leaf perimeter	Leaves of the variety Regal seedless are distinct from the candidate
'Regal Seedless'	berry	earliest maturity to harvest	mid-season	early to mid-season	The variety Regal Seedless reaches a suitable Brix for harvest earlier than the candidate
'Regal Seedless'	berry	colour of skin	green	white (Blanc)	

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

Organ/Plant Part: Context	'Itumfour'	'Sheegene 17'	'Ivory Seedless'	'Thompson Seedless'
☐ *Time of: bud burst	medium	early to medium	early to medium	medium
☐ *Young shoot: openness of tip	wide open	wide open	wide open	wide open
☐ *Young shoot: prostrate hairs on tip	very sparse to sparse	very sparse to sparse	sparse	sparse
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☒ *Young leaf: colour of upper side of blade	green with anthocyanin spots	green with anthocyanin spots	green	green with anthocyanin spots
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	very sparse to sparse	sparse	very sparse to sparse
☐ Shoot: attitude (before tying)	semi-erect	semi-drooping	semi-drooping	semi-drooping
☐ *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
☐ *Mature leaf: size of blade	medium	medium	medium	medium
☒ *Mature leaf: shape of blade	wedge-shaped	circular	pentagonal	circular
☐ Mature leaf: blistering of upper side of blade	weak to medium	weak to medium	weak	weak
☐ *Mature leaf: number of lobes	five	five	five	five
☒ Mature leaf: depth of upper lateral sinuses	deep	medium to deep	medium to deep	medium to deep

☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	Closed or slightly open	slightly overlapped	slightly overlapped	open
☐ *Mature leaf: arrangement of lobes of petiole sinus	wide open	slightly open	half open	closed
☐ *Mature leaf: length of teeth	medium to long	short to medium	medium	medium
☐ *Mature leaf: ratio length/width of teeth	large	medium	medium	medium
☒ *Mature leaf: shape of teeth	both sides straight	mixture of both sides straight and both sides convex	both sides convex	mixture of both sides straight and both sides convex
☐ *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	absent or very low	absent or very low	absent or very low
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☐ *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☒ Mature leaf: length of petiole compared to length of middle vein	equal	moderately shorter	equal	equal
☒ *Time of: beginning of berry ripening	medium	medium	early	medium
☐ *Bunch: size (peduncle excluded)	medium to large	medium	medium	large
☐ *Bunch: density	medium	lax	medium to dense	medium to dense
☐ Bunch: length of peduncle of primary bunch	medium	medium to long	medium to long	medium
☒ *Berry: size	large	medium to large	large	small to medium
☒ *Berry: shape	cylindrical	broad ellipsoid	broad ellipsoid	broad ellipsoid
☒ *Berry: colour of skin (without bloom)	Yellow green	green	yellow green	yellow green
☐ Berry: ease of detachment from pedicel	moderately easy	very easy	moderately easy	moderately easy
☐ Berry: thickness of skin	medium	medium	medium	medium

☐ *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Berry: firmness of flesh	moderately firm	moderately firm	moderately firm	soft or slightly firm
☐ *Berry: particular flavour	none	none	none	none
☐ *Berry: formation of seeds	rudimentary	rudimentary	none	none

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Itumfour'	'Sheegene 17'	'Ivory Seedless'	'Thompson Seedless'
☒ berry: colour of skin (RHS chart)	145	141 and 145	N144	145

Statistical Table

Organ/Plant Part: Context	'Itumfour'	'Sheegene 17'	'Ivory Seedless'	'Thompson Seedless'
☒ Mature leaf: ratio of length of main vein and leaf width (ratio)				
Mean	0.83	0.80	0.76	0.73
Std. Deviation	0.15	0.10	0.07	0.10
LSD/sig	0.05	ns		P≤0.01
☒ Mature leaf: ratio of petiole length to length of main vein (ratio)				
Mean	1.10	0.82	0.99	1.00
Std. Deviation	0.20	0.15	0.25	0.31
LSD/sig	0.1	P≤0.01		P≤0.01
☒ Mature leaf: depth of upper lateral sinus (mm)				
Mean	27.00	17.00	17.30	19.00
Std. Deviation	7.00	6.00	7.50	10.00
LSD/sig	3.6	P≤0.01		P≤0.01
☒ Berry: length (mm)				
Mean	26.00	22.00	23.40	18.00
Std. Deviation	3.00	2.80	2.50	1.90

LSD/sig	1.1	P≤0.01		P≤0.01
☒ Berry: ratio of length to diameter (mm)				
Mean	1.60	1.25	1.16	1.22
Std. Deviation	0.18	0.13	0.10	0.09
LSD/sig	0.06	P≤0.01		P≤0.01

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
EU	2013	granted	'Itumfour'
South Africa	2016	pending	'Itumfour'

First sold in Sept 2014 as 'Itumfour' in EU

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

Details of Application

Application Number	2020/249
Variety Name	‘WatermelonIce’
Genus Species	*Grevillea* hybrid
Common Name	Grevillea
Synonym	N/A
Accepted Date	22 Dec 2020
Applicant	Gondwana Nursery Pty Ltd, Barkers Vale, NSW.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Barkers Vale, NSW
Descriptor	Grevillea (*Grevillea*)TG/325/1
Period	September 2020 - March 2021
Conditions	Trial conducted in open beds, plants propagated from cuttings, 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	Ten pots of each variety arranged in a completely randomised design.
Measurements	From 10 plants
RHS Chart - edition	2015

Origin and Breeding

Open pollination: seed parent 'Robyn Gordon' x pollen parent 'Superb' in 2010. The seed pollen parent is characterised by red inflorescence main colour and medium size inflorescence. The pollen parent is characterised by red to apricot pink inflorescence main colour and medium size inflorescence. Selection took place in Logan Village, QLD in 2010. Selection criteria: attractive inflorescence coloration, large inflorescence size, compact growth habit. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Janice Glazebrook and Denis Cox, Logan Village, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to semi upright
Inflorescence	type	ovoid
Inflorescence	predominant colour	pink
Leaf	type of division of blade	secondary
Inflorescence	sequence of flower opening	acropetal
Stigma	colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Loopy Lou'	
'Coconut Ice'	

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
'Peaches and Cream'	Inflorescencecolorationpink		orange pink and green, white	'Peaches and Cream' also has a smaller inflorescence size
'Little Robyn'	Inflorescencecolorationpink		red	
'Superb	Inflorescencecolorationpink		red to apricot pink	
'Robyn Gordon'	Inflorescencecolorationpink		red	

Guideline

Grevillea (NEW) (Grevillea hybrid)

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

Organ/Plant Part: Context	'WatermelonIce'	'Coconut Ice'	'Loopy Lou'
☐ Plant: habit	semi-upright	upright	semi-upright
☒ Plant: height	short	medium	short
☐ Plant: density of foliage	medium	medium	medium
☐ Young stem: colour	green	green	green
☐ Stem: colour	brown	brown	brown
☐ Leaf: attitude relative to stem	semi-erect	semi-erect	semi-erect
☐ Leaf: type of division of blade	secondary	secondary	secondary
☐ Leaf: undulation of margin	very weak	very weak	very weak
☐ Leaf: depth of sinus of primary division	medium	medium	medium
☐ Leaf: width of sinus of primary division	narrow to medium	medium to broad	medium to broad
☐ Leaf: attitude of primary lobes in relation to midrib	semi-erect	semi-erect	semi-erect
☐ Leaf: shape of apex of sinus of primary division	truncated	truncated	truncated
☐ Leaf: length of lobe of primary division	short to medium	medium	medium
☐ Leaf: width of lobe of primary division	medium	medium	medium
☐ Leaf: profile in cross section	flat or slightly recurved	flat or slightly recurved	flat or slightly recurved
☐ Leaf: intensity of green colour of upper side	medium	medium	medium
☐ Leaf: colour of lower side	light green	light green	light green
☐ Leaf: hairiness of upper side	weak	weak	weak
☐ Leaf: hairiness of lower side	medium	weak	weak
☐ Leaf: colour of hairs on lower side	white	white	white

☐ Leaf: length of petiole	medium	medium	medium
☒ Flowering branch: position of inflorescence	terminal only	terminal only	both terminal and axillary
☐ Inflorescence: attitude	semi-erect	semi-erect	semi-erect
☐ Inflorescence: branching	absent or very weak	absent or very weak	absent or very weak
☐ Inflorescence: length	long	medium	medium
☐ Inflorescence: width	broad	medium	medium
☐ Inflorescence: type	ovoid	ovoid	ovoid
☐ Inflorescence: sequence of flower opening	acropetal	acropetal	acropetal
☐ Inflorescence: predominant colour	pink	pink	pink
☐ Inflorescence: density of flowers	medium	medium	medium
☐ Inflorescence: number of flowers	medium to many	medium	medium to many
☒ Inflorescence: length of rachis	long	medium	medium
☐ Pedicel: attitude in relation to rachis	leaning towards the apex	leaning towards the apex	perpendicular
☐ Pedicel: length	medium	medium	medium
☐ Flower bud: attitude of limb in relation to longitudinal axis of bud	drooping	drooping	drooping
☒ Flower bud: colour of limb	red	green	green
☒ Flower bud: perianth colour	red	green	green
☐ Perianth: length	medium	short to medium	short to medium
☐ Perianth: width	medium	medium	medium
☐ Perianth: hairiness	strong	strong	strong
☐ Perianth: hair colour	white	white	white
☐ Perianth: coherence of tepals on dorsal side	one third to two thirds	less than one third	less than one third
☐ Perianth: coherence of tepals on ventral side	greater than two thirds	greater than two thirds	one third to two thirds
☐ Perianth: colour	red	pink	pink
☐ Pistil: length in relation to length of perianth	much longer	much longer	much longer

☐ Ovary: hairiness	very strong	very strong	very strong
☐ Ovary: colour	green	white	green
☐ Style: curvature	curved	curved	curved
☐ Style: hairiness	absent or very weak	absent or very weak	absent or very weak
☐ Style: distribution of hair	evenly distributed along length	evenly distributed along length	evenly distributed along length
☐ Style: colour	red	red	pink
☐ Stigma: colour	red	red	red
☐ Pollen presenter: attitude to style	oblique	oblique	oblique
☐ Pollen presenter: shape	conic	flat	conic
☒ Pollen presenter: colour	orange	red	yellow

Prior Applications and Sales:

Nil

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

Details of Application

Application Number	2017/036
Variety Name	'Platform'
Genus Species	*Lolium* x *hybridum*
Common Name	Hybrid Ryegrass
Accepted Date	23 May 2017
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	App no. RYG140, Grant no. 33552
Location	Lincoln, New Zealand
Descriptor	TG/4/8
Period	2018, 2019, and 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: Pair Crosses 'GA98' x 'Tolosa' 2005. Balanced F2 of progeny 2006. Space plant evaluation of 67 families for yield, disease and heading 2007. 39 plants selected and polycrossed 2008. Best 7 progeny inoculated with AR37 - 2009. Endophyte transmission evaluation- 2010-12. Final selection as GPD12024 - 2013. Evaluation in rows and plots at Palmerston North, Hamilton (Waikato) and Lincoln (Canterbury) in New Zealand and Ballarat in Australia -2013. Breeder: Tom Lyons, Grasslands Innovation Ltd., Palmerston North, New Zealand

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	length of longest stem, inflorescence included (when fully expanded)	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PSPT'	

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
'Tolosa'	inflorescence	heading date	29 Oct	9 Nov	
'One50'	inflorescence	heading date	29 Oct	9 Nov	
'Impact'	inflorescence	heading date	29 Oct	1 Nov	
'Trojan'	inflorescence	heading date	29 Oct	8 Nov	
'Grasslands Marsden'	plant	vegetative growth habit	semi-erect	medium	
'Grasslands Manawa'	plant	vegetative growth habit	semi-erect	medium to semi-prostrate	
'Grasslands Supreme Plus'	plant	vegetative growth habit	semi-erect	semi-prostrate	
'Maverick GII'	plant	vegetative growth habit	semi-erect	semi-prostrate	
'Momentum'	plant	vegetative growth habit	semi-erect	medium	
'Tonuss'	vegetative leaf	length	short to medium	medium to long	

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

Organ/Plant Part: Context	'Platform'	'PSPT'
☐ Plant: vegetative growth habit (without vernalisation)	semi-erect	
☐ Leaf: length	short to medium	
☐ Leaf: width	narrow to medium	
☐ Leaf: intensity of green colour	medium to dark	
☐ Plant: width	medium to wide	
☐ Plant: vegetative growth habit (after vernalisation)	semi-erect to medium	

☐	Plant: height	medium	
☒	*Plant: time of inflorescence emergence	medium	medium to late
☐	Plant: natural height at inflorescence emergence	short to medium	
☐	Plant: width at inflorescence emergence	medium	
☐	*Flag leaf: length	short	
☐	*Flag leaf: width	very narrow to narrow	
☐	*Plant: length of longest stem, inflorescence included	short	
☐	Plant: length of upper internode	short to medium	
☐	Inflorescence: length	short to medium	
☐	Inflorescence: number of spikelets	few to medium	
☐	Inflorescence: density	medium to dense	
☐	Inflorescence: length of outer glume on basal spikelet	medium	
☐	Inflorescence: length of basal spikelet excluding awn	short to medium	

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	'Platform'	'PSPT'
☐	**Inflorescence: awns**	absent	
☐	**Plant : growth in winter**	medium	

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2017	Granted	'Platform'

No prior sale.

Description: **Charlotte Tumilson**, New Zealand

Details of Application

Application Number	2018/190
Variety Name	'Legion'
Genus Species	*Lolium x boucheanum*
Common Name	Hybrid Ryegrass
Accepted Date	04 Sep 2018
Applicant	Grasslands Innovation Ltd, c/o Grasslanz Technology Ltd, Private Bag 11008, Tennent Drive, Palmerston North, NZ.
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	RYG149 Grant No. 34084
Location	Lincoln, New Zealand
Descriptor	Ryegrass (*Lolium* spp.) TG/4/8
Period	2019, 2020 and 2021
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office at AsureQuality Ltd, Lincoln, New Zealand.
Trial Design	as per NZ test report
Measurements	as per NZ test report
RHS Chart - edition	

Origin and Breeding

Open pollination: In 2007 12 breeding lines were developed from elite New Zealand and world-wide sources, including Bronsyn, Tolosa, One50 and Impact. These pools were subject to recurrent selection over 4 generations. Plants were selected for seasonal growth, disease resistance, flowering behaviour and endophyte presence. After selection and clonal evaluation 4 elite plants 17, 24, 29 and 40 were selected from these breeding lines and polycrossed to form the synthetic variety GPD13013 (Legion). Breeders: Dr Alan Stewart, Grasslands Innovation Ltd, c/o Grasslanz Technology Ltd, Private Bag 11008, Tennent Drive, Palmerston North, NZ.

Choice of Comparators: Characteristics 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	length of longest stem including inflorescence when fully expanded	very short to short
Plant	ploidy	diploid
Plant	time of inflorescence emergence (without vernalisation)	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PSPT'	
'Platform'	

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

Organ/Plant Part: Context	'Legion'	'Platform'	'PSPT'
☐ Plant: vegetative growth habit (without vernalisation)	semi-erect to medium		
☐ Leaf: length	medium		
☐ Leaf: width	narrow to medium		
☒ Leaf: intensity of green colour	light to medium		medium to dark
☐ Plant: width	medium		
☐ Plant: vegetative growth habit (after vernalisation)	medium		
☐ Plant: height	medium		
☐ *Plant: time of inflorescence emergence (after vernalisation)	medium		
☐ Plant: natural height at inflorescence emergence	short to medium		
☐ Plant: width at inflorescence emergence	medium to wide		
☐ *Flag leaf: length	medium		
☐ *Flag leaf: width	narrow		
☐ Flag leaf: length/width ratio	medium to high		
☐ *Plant: length of longest stem, inflorescence included	very short to short		
☐ Plant: length of upper internode	short to medium	medium	

☐ Inflorescence: length	short
☐ Inflorescence: number of spikelets	very few to few
☐ Inflorescence: density	medium to dense
☐ Inflorescence: length of outer glume on basal spikelet	medium
☐ Inflorescence: length of basal spikelet excluding awn	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	Legion	Platform	PSPT
☐ Plant: growth in winter	medium		

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
NZ	2018	Granted	'Legion'

Description: **Charlotte Tumilson**, Grasslanz Technology Limited, Rolleston, NZ.

Details of Application

Application Number	2017/037
Variety Name	'SCHROLLA01'
Genus Species	*Hydrangea macrophylla*
Common Name	Hydrangea
Accepted Date	29 Mar 2017
Applicant	Schroll Management Aps, Odnese SV, Denmark
Agent	Ball Australia, Skye, VIC 3733
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Protection office, Japan
Overseas Data Reference Number	Application no. 31078, Registration no. 28063
Location	Unzen Station, Center for Seeds and Seedlings, Nagasaki Japan
Descriptor	TG/133/4 2010-03-24
Period	2017-2018
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	2015

Origin and Breeding:

Controlled pollination: Controlled pollination followed by seedling selection: The female parent plant was pollinated with pollen from the male parent plant. The seed from this cross was sown and the resultant 150 seedlings were grown in P13 pots until flowering. Selection of the candidate variety was based on flower colour, compact growth habit and long flowering period. Breeder Schroll Management Aps Odense, Denmark

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	inflorescence form	hortensias
Flower	type of fertile flower	normal
Large calyx	type of sepal colour	multi-coloured

Large calyx	pattern of multi-colours on petals	Others (central zone)
Large calyx	main colour RHS	NN155B
Large calyx	secondary colour of sepal RHS	84B

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Taiyototsuki'	

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
'Verena'	flowering timing	early	medium	

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

Organ/Plant Part: Context	'SCHROLLA01'	'HBA 206904'	'Taiyototsuki'
☐ Plant: natural height (non-climbing varieties only)	medium to tall		
☐ Leaf blade: length	short to medium		
☐ *Leaf blade: main colour	green		
☐ Leaf blade: intensity of main colour	medium to dark		
☐ *Leaf blade: variegation	absent		
☐ Leaf blade: glossiness of upper side	present		
☐ *Leaf blade: shape	elliptic		
☐ *Leaf blade: shape of apex	mucronate		
☐ Leaf blade: shape of base	rounded		
☐ Leaf blade: lobing	absent		
☐ Leaf blade: type of incisions	medium		
☐ *Inflorescence: diameter	small to medium		
☐ *Inflorescence: conspicuousness of flowers with small calyx	inconspicuous		

☐ *Large calyx: diameter	small to medium		
☐ *Large calyx: colour (RHS colour chart)	NN155B	.	.
☐ *Large calyx: number of sepals	3 and 4		
☐ *Large calyx: overlapping of sepals	present		
☐ *Large calyx: degree of overlapping of sepals	medium to strong		
☐ *Large calyx: incisions of margin of sepals	present on all sepals		
☐ *Time of: beginning of flowering	early to medium		

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'SCHROLLA01'**	**'HBA 206904'**	**'Taiyototsuki'**
☐ Plant: Growth habit	Widely spreading		
☐ Inflorescence: Shape	semi globose		
☒ Large calyx: secondary colour of ratio	large		small
☒ Large calyx: type of sepal colour	multi coloured	Uni coloured	
☒ Internode: length	short		long
☒ Pedicel: colour of sterile flower	crimson	pink	

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
EU	2012	granted	'SCHROLLA01'

First sold in EU on 1st March 2013 as 'SCHROLLA01'

Description: **Mark Lunghusen**, Wonga Park, Vic 3115

Details of Application

Application Number	2016/348
Variety Name	'SCHROLLA02'
Genus Species	*Hydrangea macrophylla*
Common Name	Hydrangea
Accepted Date	03 Jan 2017
Applicant	Schroll Management Aps, Odnese SV, Denmark
Agent	Ball Australia, Skye, VIC 3733
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	*Plant Variety Protection Office, Japan*
Overseas Data Reference Number	Registration no. 28062 (application no. 31077)
Location	Unzen Station, Center for Seeds and Seedlings, Nagasaki Japan
Descriptor	TG/133/4 2010-03-24
Period	2017-2018
Conditions	As per DUS test report
Trial Design	As per DUS test report
Measurements	As per DUS test report
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: Controlled pollination followed by seedling selection: The female parent plant was pollinated with pollen from the male parent plant. The seed from this cross was sown and the resultant 150 seedlings were grown in P13 pots until flowering. Selection of the candidate variety was based on the dark red flower colour that responds well to a blueing agent turning it to purple, compact growth habit and long flowering period. Breeder Schroll Management ApS Odense, Denmark

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	inflorescence form	hortensias
Flower	type of fertile flower	normal
Large calyx	type of sepal colour	uni coloured

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'AB Green Shadow'	

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

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

Organ/Plant Part: Context	'SCHROLLA02'	'AB Green Shadow'
☐ Plant: natural height (non-climbing varieties only)	short to medium	
☐ Leaf blade: length	medium	
☐ *Leaf blade: main colour	green	
☐ Leaf blade: intensity of main colour	medium	
☐ *Leaf blade: variegation	absent	
☐ Leaf blade: glossiness of upper side	present	
☐ *Leaf blade: shape	elliptic	
☐ *Leaf blade: shape of apex	acuminate	
☐ Leaf blade: shape of base	rounded	
☐ Leaf blade: lobing	absent	
☐ Leaf blade: type of incisions	medium to coarse	
☐ *Inflorescence: diameter	small to medium	
☐ *Inflorescence: conspicuousness of flowers with small calyx	inconspicuous	
☐ *Inflorescence: shape	globular	
☐ *Large calyx: diameter	medium	

☒ *Large calyx: main colour (RHS colour chart)	79C	61C
☐ *Large calyx: number of sepals	4 and 5	
☐ *Large calyx: overlapping of sepals	present	
☐ *Large calyx: degree of overlapping of sepals	strong	
☐ *Large calyx: incisions of margin of sepals	absent on all sepals	
☐ *Time of: beginning of flowering	medium	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'SCHROLLA02'	'AB Green Shadow'
☐ **Plant: Growth habit**	widely spreading	
☒ **Sepal: length**	short to medium	medium to long

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2012	Granted	'SCHROLLA02'

First sold in EU on 1st March 2013 as 'SCHROLLA02'

Description: **Mark Lunghusen**, Wonga Park, Vic 3115

Details of Application

Application Number	2023/032
Variety Name	'Mara-401'
Genus Species	*Cannabis sativa* L.
Common Name	Industrial Hemp
Synonym	N/A
Accepted Date	03 Mar 2023
Applicant	Mara Seeds Pty Ltd' Mallanganee, NSW
Agent	HempGenTech Pty Ltd, Chapel Hill, Qld
Qualified Person	Dr Omid Ansari

Details of Comparative Trial

Location	University of Queensland - Gatton campus
Descriptor	Hemp (*Cannabis sativa* L.) TG/276/1
Period	March 2023 to May 2023
Conditions	The site's climate can be described as subtropical, featuring warm, humid summers and mild, dry winters. Long-term average temperatures range from 31°C in January to 21°C in July. The location receives approximately 760mm of rainfall annually. The trial site consisted of dense, well-drained, and fertile soil. Supplementary irrigation was provided as required throughout the trial period.
Trial Design	RCBD with 3 replications
Measurements	Observations and measurements were conducted in compliance with UPOV guidelines.
RHS Chart - edition	RHS, UCL and RGB Colors, gamma = 1.4<

Origin and Breeding

Controlled pollination: selection from uncultivated populations were employed in the breeding process. The initial MC4 landrace selection began in 2016/17, followed by four cycles of seed propagation-based selection and two cycles using cloning techniques. Seeds from the parent line (landrace population) were obtained in 2016/17. Progenies within the population were chosen based on various traits such as early maturity, plant architecture (with a higher flower-to-leaf ratio in flowering heads), and low THC content. This recurrent selection process was carried out in each generation, with only the top-performing plants being harvested, pooled, and planted in the subsequent season. Pollination of off-type plants (those with late maturity) was controlled by promptly removing male plants.

Breeders: Tim Shapter, Mara Seeds Pty Ltd' Mallanganee, NSW and Dr Omid Ansari, HempGenTech Pty Ltd, Chapel Hill, Qld.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright
Inflorescence	THC content	low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ruby'	Low THC PBR variety with a similar maturity to the candidate variety
'MC4'	Phenotypically like the candidate variety

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'ECO-Excalibur'	Inflorescence	time of female flowering	early	very early	excluded from side-by-side comparison
'CHG MS77'	Plant	time of female flowering	early	very late	excluded from side-by-side comparison
Mara-609	Plant	natural plant height	short	very short	excluded from side-by-side comparison

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

Organ/Plant Part: Context	'Mara-401'	'MC4'	'Ruby'

☒ *Plant: total height at flowering	short	short to medium	medium to tall
☐ Plant: growth habit	upright	upright	upright
☒ *Plant: anthocyanin colouration of stem	absent	present	absent
☐ Plant: intensity of anthocyanin colouration of stem	weak	very weak	weak
☒ Leaf: width	narrow to medium	narrow to medium	medium to broad
☐ *Leaf: relief of veins	conspicuous	conspicuous	conspicuous
☒ Leaf: degree of conspicuousness of veins	strong	strong	weak to medium
☐ *Leaf blade: main colour	green	green	green
☐ *Leaf blade: variegation	absent	absent	absent
☒ *Leaf blade: anthocyanin colouration	absent	present	absent
☐ *Leaf blade: anthocyanin colouration pattern	along nerves	along nerves	along nerves
☒ Leaf: intensity of variegation	strong	weak	weak
☒ Inflorescence: length of floral part of stalk end	long	medium to long	short
☐ Plant: position of the floral part in relation with the foliage	at same level	at same level	at same level
☒ Inflorescence: number of flowers	many to very many	medium to many	medium
☒ Flower: size	large	medium to large	small to medium
☒ *Flower: main colour (RHS Colour Chart)	131B	132B	135B
☐ Flower: intensity of colour	strong	medium to strong	medium to strong
☒ Time of: flowering	early	early to medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Mara-401'**	**'MC4'**	**'Ruby'**
☒ Inflorescence: Ratio calyx: leaf	strong	medium	weak

Statistical Table

Organ/Plant Part: Context	**'Mara-401'**	**'MC4'**	**'Ruby'**
☒ Plant: natural height			
Mean	72.93 cm	77.96 cm	108.36 cm
Std. Deviation	4.68 cm	34.58 cm	558.72 cm
Lsd/sig	19.013	P≤0.01	P≤0.01

Prior Applications and Sales:

Nil

Description: **Dr Omid Ansari**, HempGenTech Pty Ltd, Chapel Hill, Qld.

Details of Application

Application Number	2023/031
Variety Name	'Mara-314'
Genus Species	*Cannabis sativa* L.
Common Name	Industrial Hemp
Synonym	N/A
Accepted Date	03 Mar 2023
Applicant	Mara Seeds Pty Ltd' Mallanganee, NSW
Agent	HempGenTech Pty Ltd, Chapel Hill, Qld
Qualified Person	Dr Omid Ansari

Details of Comparative Trial

Location	University of Queensland - Gatton campus
Descriptor	Hemp (*Cannabis sativa* L.) TG/276/1
Period	March 2023 to May 2023
Conditions	The site's climate can be described as subtropical, featuring warm, humid summers and mild, dry winters. Long-term average temperatures range from 31°C in January to 21°C in July. The location receives approximately 760mm of rainfall annually. The trial site consisted of dense, well-drained, and fertile soil. Supplementary irrigation was provided as required throughout the trial period.
Trial Design	RCBD with 3 replications
Measurements	Observations and measurements were conducted in compliance with UPOV guidelines.
RHS Chart - edition	RHS, UCL and RGB Colours, gamma = 1.4<

Origin and Breeding

Controlled pollination: selection from uncultivated populations were employed in the breeding process. The initial landrace selection began in 2016/17, followed by four cycles of seed propagation-based selection and two cycles using cloning techniques. Seeds from the parent line (landrace population) were obtained in 2016/17. Progenies within the population were chosen based on various traits such as early maturity, plant architecture (with a higher flower-to-leaf ratio in flowering heads), and low THC content. This recurrent selection process was carried out in each generation, with only the top-performing plants being harvested, pooled, and planted in the subsequent season. Pollination of off-type plants (those with late maturity) was controlled by promptly removing male plants. Breeders: Tim Shapter, Mara Seeds Pty Ltd' Mallanganee, NSW and Dr Omid Ansari, HempGenTech Pty Ltd, Chapel Hill, Qld.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright
Flower	number of colours	one
Inflorescence	THC content	low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Ruby	Low THC PBR variety with a similar maturity to the candidate variety
MC3	Phenotypically like the candidate variety

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'MS77'	Plant	time of female flowering	early	very late	excluded from side-by-side comparison
'ECO-Excalibur'	Inflorescence	female flowering	early	very early	excluded from side-by-side comparison
'Mara-609'	Plant	natural plant height	short	very short	excluded from side-by-side comparison

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

Organ/Plant Part: Context	'Mara-314'	'MC3'	'Ruby'
☒ *Plant: total height at flowering	short	short to medium	medium to tall
☐ Plant: growth habit	upright	upright	upright
☒ *Plant: anthocyanin colouration of stem	present	absent	absent
☒ Plant: intensity of anthocyanin colouration of stem	strong to very strong	weak	weak

☒ Leaf: width	very narrow to narrow	narrow to medium	medium to broad
☐ *Leaf: relief of veins	conspicuous	conspicuous	conspicuous
☒ Leaf: degree of conspicuousness of veins	strong	strong	weak to medium
☒ *Leaf blade: main colour	purple	green	green
☒ *Leaf blade: variegation	absent	absent	present
☒ *Leaf blade: anthocyanin colouration	present	absent	absent
☐ *Leaf blade: anthocyanin colouration pattern	along nerves	along nerves	along nerves
☒ Leaf: intensity of variegation	strong	weak	weak
☒ Inflorescence: length of floral part of stalk end	long	medium to long	short
☐ Plant: position of the floral part in relation with the foliage	at same level	at same level	at same level
☒ Inflorescence: number of flowers	many	medium to many	medium
☒ Flower: size	large	medium to large	small to medium
☐ *Flower: number of colours	one	one	one
☒ *Flower: main colour (RHS Colour Chart)	187A	135A	135B
☐ Flower: intensity of colour	strong	strong	medium to strong
☒ Time of: flowering	early	early to medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Mara-314'**	**'MC3'**	**'Ruby'**
☒ Inflorescence: Ratio calyx: leaf	strong	weak	weak

Statistical Table

Organ/Plant Part: Context	**'Mara-314'**	**'MC3'**	**'Ruby'**
☒ Plant: natural height			
Mean	70.36 cm	81.50 cm	108.36 cm
Std. Deviation	2.58 cm	57.63 cm	558.72 cm

Lsd/sig	19.52	P≤0.01	P≤0.01

Prior Applications and Sales:

Nil

Description: **Dr Omid Ansari**, HempGenTech Pty Ltd, Chapel Hill, Qld.

Details of Application

Application Number	2019/260
Variety Name	'Kiyoka'
Genus Species	*Camellia sinensis*
Common Name	Japanese Tea
Synonym	N/A
Accepted Date	04 Mar 2020
Applicant	National Agriculture and Food Research Organization, Japan
Agent	IP Solved (ANZ) Pty Ltd, Sydney, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	PVPO, Japan
Overseas Data Reference Number	No. 28148
Location	Makurazaki Tea Research Station, Makurazaki -shi, Kagoshima, Japan
Descriptor	Camellia (*Camellia sinensis*) TG/275/1 Corr.
Period	2016-2018
Conditions	Evaluations carried out in standard field conditions according to TG/275/1 Corr.
Trial Design	according to TG/275/1 Corr.
Measurements	according to TG/275/1 Corr.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'FYZ-41' x pollen parent 'Saemidori' in 1998. The seed parent is characterised by a semi-double flower type. The pollen parent is characterised by a single flower type with medium leaf size and broad petal width. Selection took place in Makurazaki -shi, Japan in 2005. Selection criteria: desirable tea quality combined with strong plant growth vigour and early first flush sprouting. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Akiko Ogino, Atsushi Nesumi, Tetsuji Saba, Junichi Tanaka, Fumiya Taniguchi, Shuya Yamashita, Hiroshi Yorozuya, Akiko Matsunaga, Yoshiyuki Takeda, Tsuyoshi Okamoto, Hitoshi Yoshitomi, National Institute for Agricultural and Food Industry Research Organization, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Branch	zigzagging	absent
Leaf blade	width	medium
Leaf blade	shape of apex	acute
Flower	colour of inner petals	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Yabukita'	maternal parent of each of the candidate's parents
'Saemidori'	pollen parent

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
'Cha chukanbohon no6go'	Leaf blade	lengthmedium	long	Cha chukanbohon no6go also has purple coloration of the young shoot compared to the green of 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	'Kiyoka'	'Saemidori'	'Yabukita'
☐ *Plant: vigour	medium to strong		
☐ *Plant: type	shrub		
☒ *Plant: growth habit	semi upright to spreading		upright to semi upright
☐ Plant: density of branches	medium		

☐ Branch: zigzagging	absent		
☒ *Young shoot: time of beginning of 'one and a bud' stage	early		medium
☐ Young shoot: colour of second leaf at 'two and a bud' stage	medium green		
☐ *Young shoot: pubescence of bud	present		
☐ Young shoot: density of pubescence of bud	dense		
☐ Young shoot: anthocyanin coloration at base of petiole	absent		
☐ *Young shoot: length of 'three and a bud'	medium		
☐ *Leaf blade: attitude	outwards		
☐ *Leaf blade: length	medium		
☐ *Leaf blade: width	medium		
☐ Leaf blade: shape	medium elliptic		
☒ Leaf blade: intensity of green color	light	medium	medium
☐ Leaf blade: shape in cross section	flat		
☐ Leaf blade: texture of upper surface	moderately rugose		
☐ Leaf blade: shape of apex	acute		
☐ Leaf blade: undulation of margin	absent or weak		
☐ Leaf blade: serration of margin	medium		
☐ Leaf blade: shape of base	acute		
☐ Flower: time of full flowering	early		
☐ Flower: length of pedicel	medium		
☐ *Flower: pubescence on outer side of sepal	absent		
☐ *Flower: anthocyanin colouration on outer side of sepal	absent		
☐ *Flower: diameter	medium		
☐ Flower: colour of inner petals	white		
☐ *Flower: pubescence of ovary	present		
☐ Flower: density of pubescence of ovary	dense		

☐ Flower: length of style	medium		
☐ Flower: position of style splitting	medium		
☐ *Flower: position of stigma relative to stamens	same level		
☒ Fermentation: ability	medium to strong	weak to medium	weak to medium
☐ Caffeine: content	high		

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Kiyoka'**	**'Saemidori'**	**'Yabukita'**
☒ Time of: sprouting (70% of plants show sprouts)	very early to early		medium
☒ Time of: plucking	early		medium
☐ Young shoot: number of buds at plucking time	medium		
☐ Shoot: thickness	medium to thick		

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
JP	2018	Granted	'Kiyoka'

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

Details of Application

Application Number	2019/262
Variety Name	'SummerscentSister'
Genus Species	*Radermachera yunnanensis*
Common Name	Kunming Tree Jasmine
Synonym	N/A
Accepted Date	08 Jan 2020
Applicant	Darwin Plant Wholesalers, Winnellie, NT.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Lambells Lagoon, NT
Descriptor	PBR General Descriptor
Period	2018-2020
Conditions	Trial conducted in a opens beds, plants originally propagated by cuttings, mature plants in 45L 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: 'Summerscent' in 2016. The parent is characterised by an absence of leaf vareigation. Selection criteria: presence of attractive leaf variegation. Propagation: vegetative cuttings were taken from the original plant and propagated for several generations to confirm the uniformity and stability of the selection. Breeder: Darryl South, Darwin Plant Wholesalers, Lambells Lagoon, NT.

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

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

Plant	growth habit	bushy
Plant	size	medium
Leaf	size	medium
Leaf	attitude	semi-erect
Leaflet	shape	elliptic
Leaflet	incision of margin	absent
Leaflet	undulation of margin	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Summerscent'	parental variety.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	**Distinguishing Characteristic**	**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Everlasting'	Leafpresence of variegation	present	absent	

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

Organ/Plant Part: Context	**'SummerscentSister'**	**'Summerscent'**
☐ Plant: type	shrub	shrub
☐ Plant: growth habit	bushy	bushy
☐ Plant: size	medium	medium
☐ Plant: height	medium	medium to tall
☐ Plant: width	medium	medium
☐ Plant: time of beginning of flowering	medium	medium

☐ Stem: presence of hairs	absent	absent
☐ Stem: presence of anthocyanin in new growth	absent	absent
☐ Leaf: leaf type	compound	compound
☐ Leaf: size	medium	medium
☐ Leaf: attitude	semi-erect	semi-erect
☐ Leaf: arrangement	opposite and decussate	opposite and decussate
☐ Leaf: length of blade	medium	medium
☐ Leaf: width of blade	medium	medium
☐ Leaf: shape	obovate	obovate
☐ Leaf: curvature of longitudinal axis	straight	straight
☒ Leaf: green colour	light to medium	medium to dark
☒ Leaf: presence of variegation	present	absent
☐ Leaf: type of variegation	random	
☐ Leaf: degree of variegation	high	
☒ Leaf: primary colour (RHS colour chart)	ca 146C	147A
☐ Leaf: secondary coour (RHS colour chart)	ca 4D	
☐ Leaf: border between colours	not clearly defined	
☒ Leaf colour: number of colours	two	one
☐ Flower: type	single	single
☐ Flower: attitude	horizontal	horizontal

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'SummerscentSister'**	**'Summerscent'**
☐ Leaflet: shape	elliptic	elliptic
☐ Leaflet: undulation of margin	medium	medium

☐ Leaflet: longitudinal axis	straight	straight
☒ Immature leaflet: main colour (RHS)	144A	NN137A
☒ Immature leaflet : secondary colour (RHS)	ca 3C to 151D	absent
☒ Mature leaflet: main colour of upper side (RHS)	ca 146C	147A
☒ Mature leaflet : secondary colour of upper side (RHS)	ca 4D	absent
☒ Petiole: main colour (RHS)	146B	146A
☐ Mature leaf: main colour of petiolule (RHS)	146B	ca 146B
☒ Mature leaflet : main colour of lower side (RHS)	ca 148C	ca 146B
☒ Mature leaflet : secondary colour of lower side (RHS)	ca 4C	absent
☐ Flower bud: proximal colour of emerging petal lobes (RHS)	N80D	N80D
☐ Flower: colour of corolla lobe inner side (RHS)	NN155D with hint of N80D on lobe margins	NN155D with hint of N80D on lobe margins
☐ Flower: colour of veins on inner side (RHS)	ca N25B	ca N25B
☐ Flower: colour of outer side of corolla tube (RHS)	NN155D	NN155D
☐ Leaflet: incision of margin	absent	absent

Prior Applications and Sales:

Nil

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

Details of Application

Application Number	2022/219
Variety Name	'Vespucci'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	
Accepted Date	13 Dec 2022
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands
Agent	Spruson & Ferguson, Sydney
Qualified Person	Ean Blackwell

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, NL
Overseas Data Reference Number	SLA4605
Location	Naktuinbouw, ROELOFARENDSVEEN, NL
Descriptor	TP/13/6 Rev d.d. 15-02-2019
Period	2021
Conditions	in glasshouse and in the open
Trial Design	In accordance with TP/13/6 Rev d.d. 15-02-2019
Measurements	In accordance with TP/13/6 Rev d.d. 15-02-2019
RHS Chart - edition	

Origin and Breeding

Controlled pollination was used to develop the variety: Vespucci is a pure line variety, derived from a single cross between internal Rijk Zwaan proprietary breeding line 136546 RZ and internal Rijk Zwaan proprietary breeding line 126870 RZ, followed by two subsequent cycles of selection and selfing. During the selection process, the best plants were selected due to the desired agronomic characteristics, which were resistance to Bremia lactucae and delayed wound induced discoloration of the leaves.

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

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

Plant	Type	oakleaf type
Culture	type	in glasshouse and in the open
Seed	colour	white
Leaf	anthocyanin coloration	absent or very weak
Bolting	Time of beginning of bolting	late
Resistance	Resistance to Bremia lactucae (Bl) isolate Bl: 16EU	present
Resistance	Resistance to Bremia lactucae (Bl) isolate Bl: 29EU	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Behn'	

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

Organ/Plant Part: Context	'Vespucci'	'Behn'
☐ Seed: colour	white	
☐ Plant: diameter	small to medium	
☐ Plant: degree of overlapping of upper part of leaves	absent or weak	
☐ Plant: number of leaves	few to medium	
☐ Leaf: attitude	semi-erect	
☐ Leaf: number of divisions	few to medium	
☒ Leaf: width of lobes	very narrow	narrow
☐ Leaf: anthocyanin colouration	absent or very weak	
☐ Leaf: colour	green	
☒ Leaf: intensity of green colour	dark	dark to very dark
☐ Leaf: glossiness of upper side	medium	
☐ Leaf: thickness	medium	

☐ Leaf: blistering	absent or very weak
☐ Leaf: undulation of margin	weak to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Vespucci'	'Behn'
☐ Leaf: density of incisions of margin	sparse	
☐ Bolting: time of beginning of bolting	late	
☐ Stem: Axillary sprouting	absent or weak	
☐ Bolting stem: fasciation	very strong	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 16EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 17EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 20EU	present	
☐ Leaf: venation	flabellate	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 21EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 22EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 23EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 24EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 25EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 26EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 27EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 29EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 30EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 31EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 33EU	present	
☐ Resistance: Resistance to Bremia lactucae (Bl) isolate Bl: 35EU	present	
☐ Resistance: Resistance to Lettuce mosaic virus (LMV) pathotype II	present	

☐ Resistance: Resistance to Nasonovia ribisnigri (Nr) biotype Nr: 0	present
☐ Leaf: type of incisions of margin	crenate
☐ Leaf: depth of incisions of margin	shallow

Prior Applications and Sales:

Country	Year	Status	Name Applied
GB	2022	Pending	'Vespucci'
EU	2021	Granted	'Vespucci'
NL	2021	granted	'Vespucci'

First sold in Australia on 8th Nov 2021 and on 10th Nov 2021 in NL as 'Vespucci'.

Description: **Ean Blackwell,** Spruson & Ferguson, Sydney, Australia

Details of Application

Application Number	2014/323
Variety Name	'MALOF001'
Genus Species	*Syzygium australe*
Common Name	Lilly Pilly
Synonym	'Screen It'
Accepted Date	13 Apr 2016
Applicant	Malof Trading Pty Ltd, Oakville, NSW.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Oakville, NSW
Descriptor	Lilly Pilly (*Acmena smithii/Syzygium* sp) PBR LILL.
Period	Summer 2018 - spring 2019
Conditions	Trial conducted standard nursery conditions, plants propagated from cuttings, 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	Twelve 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: 'Aussie Compact'. The parent is characterised by an upright growth habit with dense foliage with strong bronze new growth colour. Selection took place in Oakville, NSW in 2010. Selection criteria: compact and dense growth habit, glossy green foliage, good pest and disease resistance. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Stephen Solomon, Malof Trading Pty Ltd, Oakville, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to strongly upright
Plant	branch density	dense

Stem	colour of new growth	greyed purple
Leaf	presence of variegation	absent
Newly emerged leaf	colour	yellow green to bronze appearance

Most Similar Varieties of Coon Knowledge identified (VCK)

Name	Comments
'Aussie Compact'	parent variety

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

Organ/Plant Part: Context	'MALOF001'	'Aussie Compact'
☐ Plant: growth habit	upright to strongly upright	strongly upright
☐ Plant: branch density	dense	dense
☐ Stem: branch angle	horizontal to acute	acute
☐ Stem: colour of mature stem (RHS colour chart)	199D	199D
☐ Stem: colour of new growth (RHS colour chart)	183B	183B
☐ Leaf: shape of blade	elliptic	elliptic
☐ Leaf: shape of apex	acuminate	acuminate
☐ Leaf: shape of base	cuneate	cuneate
☐ Leaf: glossiness	medium	medium
☐ Leaf: shape of cross section	flat to concave	flat to concave
☐ Leaf: shape of longitudinal section	convex to flat	convex to flat
☐ Leaf: stiffness	medium	medium
☐ Leaf: prominence of midrib on lower surface	prominent	prominent
☐ Mature leaf: primary colour of upper side (RHS colour chart)	NN137A	NN137B
☐ Mature leaf: primary colour of lower side (RHS colour chart)	146B	146B

☐ Partly mature leaf: primary colour of upper side (RHS colour chart)	146A	ca 146A
☐ Partly mature leaf: primary colour of lower side (RHS colour chart)	146C	146C
☐ Newly emerged: upper side (RHS colour chart)	152B (weak)	152B (strong)
☐ Leaf: variegation	absent	absent
☐ Leaf: petiole colour (RHS colour chart)	146C	146C

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MALOF001'	'Aussie Compact'
☒ Newly emerged leaf: intensity of colour	weak	strong

Statistical Table

Organ/Plant Part: Context	'MALOF001'	'Aussie Compact'
☒ Plant: height (cm)		
Mean	124.40	167.10
Std. Deviation	4.70	7.00
Lsd/sig	7.72	P≤0.01
☒ Stem: basal diameter (mm)		
Mean	17.90	20.30
Std. Deviation	2.30	1.10
Lsd/sig	2.29	P≤0.01
☒ Stem: length of internode (mm)		
Mean	17.20	27.40
Std. Deviation	2.30	5.30
Lsd/sig	5.27	P≤0.01
☒ Leaf blade: length (mm)		
Mean	46.80	39.50
Std. Deviation	5.00	1.80
Lsd/sig	4.84	P≤0.01

☒ Leaf blade: width (mm)		
Mean	21.10	18.00
Std. Deviation	2.60	1.30
Lsd/sig	2.70	P≤0.01
☐ Petiole: length (mm)		
Mean	6.20	5.60
Std. Deviation	1.20	0.70
Lsd/sig	1.29	ns

Prior Applications and Sales:

Nil

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

Details of Application

Application Number	2014/324
Variety Name	'MALOF002'
Genus Species	*Acmena smithii*
Common Name	Lilly Pilly
Synonym	SpeedyScreener
Accepted Date	11 Apr 2016
Applicant	Malof Trading Pty Ltd, Oakville, NSW.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Oakville, NSW
Descriptor	Lilly Pilly (*Acmena smithii/Syzygium* sp) PBR LILL.
Period	summer 2018 - spring 2019
Conditions	Trial conducted standard nursery conditions, plants propagated from cuttings, planted into 300mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required.
Trial Design	Twelve pots of each variety arranged in a completely randomised design.
Measurements	From 10 plants at random.
RHS Chart - edition	2015

Origin and Breeding

Open pollination: 'Hot Flush'. The parent is characterised by an upright growth habit with dense foliage with greyed orange new growth colour. Selection took place in Oakville, NSW in 2011. Selection criteria: compact and dense growth habit, dark green foliage, disease resistance. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Stephen Solomon, Malof Trading Pty Ltd, Oakville, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright

Stem	branch angle	acute
Leaf	size	small
Leaf	glossiness	weak to medium
Leaf	presence of variegation	absent
Newly emerged leaf	colour	greyed orange

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hot Flush'	parent variety

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Goodbye Neighbours'	Leaf	size	small-medium	medium-large	Goodbye Neighbours also has a taller plant height
'Dusky'	Plant	height	medium	tall	
'DOW30'	newly emerged leaf	colour	greyed orange	green	

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

Organ/Plant Part: Context	'MALOF002'	'Hot Flush'
☐ Plant: growth habit	upright	upright
☒ Plant: height	medium-tall	short-medium
☒ Plant: branch density	medium	dense
☐ Stem: branch angle	acute	acute
☒ Stem: internode length	medium	short
☐ Stem: basal diameter	medium	medium
☐ Stem: colour of mature stem (RHS colour chart)	199A	199A

☒ Stem: colour of new growth (RHS colour chart)	ca 166C	172A
☐ Leaf: blade length	short	short
☐ Leaf: blade width	narrow	narrow
☐ Leaf: blade length/width ratio	medium	medium
☐ Leaf: petiole length	short	short
☐ Leaf: shape of blade	elliptic	elliptic
☐ Leaf: shape of apex	acuminate	acuminate
☐ Leaf: shape of base	cuneate	cuneate
☐ Leaf: glossiness	medium to weak	medium to weak
☐ Leaf: shape of cross section	flat to concave	flat to concave
☐ Leaf: shape of longitudinal section	convex to flat	convex to flat
☐ Leaf: stiffness	medium	medium
☐ Leaf: prominence of midrib on lower surface	prominent	prominent
☐ Mature leaf: primary colour of upper side (RHS colour chart)	NN137A	NN137A
☐ Mature leaf: primary colour of lower side (RHS colour chart)	146A	146B
☐ Partly mature leaf: primary colour of upper side (RHS colour chart)	146C	152A
☐ Partly mature leaf: primary colour of lower side (RHS colour chart)	146D	146D
☒ Newly emerged: upper side (RHS colour chart)	ca 165C	172A
☐ Leaf: variegation	absent	absent
☐ Leaf: petiole colour (RHS colour chart)	146C	146C

Prior Applications and Sales:

Nil

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

Details of Application

Application Number	2022/103
Variety Name	'Lawler'
Genus Species	*Lupinus angustifolius*
Common Name	Narrow-Leafed Lupin
Synonym	Nil
Accepted Date	05 Jul 2022
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA.
Agent	N/A
Qualified Person	David Collins

Details of Comparative Trial

Location	Northam, Western Australia
Descriptor	TG/66/4 Lupins (*Lupinus albus*/L. *augustifolius*/L. *luteus*)
Period	May 2022 - December 2022
Conditions	The DUS trial was sewn in 09 May 2022 and harvested December 2022, grey loam soil type in Northam Western Australia. A pre-seeding treatment Roundup 2L/ha applied 07/05/22. A pre-emergent spray BS1000 0.2%, Ultro 1.5kg/ha, Simazine 1kg/ha and Reflex 1.2L/ha applied 09/05/2022. Sewn with 100kg/ha Big Phos Manganese fertiliser. On 28/06/22 post emergent grass spray AMS 1%, Elantra extra 200ml/ha, Clethodium 360, Alpha-Cypermethrin 100ml/ha and Uptake 0.5% applied. Post emergent broad leaf spray Brodal 200ml/ha, applied 12/07/22. Alpha 100ml/ha and Transform 60g/ha applied.
Trial Design	Trial was sewn as 1.42m wide x 30m. In a randomised block design with 4 replications
Measurements	Measurements taken from 10 specimens per plot and selected at random
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: The cross was made in 2009 between seed parent 'PBA Jurien' and '08A002' (pedigree WALAN2274). 'AGTP0006' was a F4 derived single plant selection from a population coded '09L020'. It was selfed for 4 generations of selection and evaluation in small scale breeder trials (NVT). Selection criteria were high and stable grain yields in WA, tolerance to metribizin, resistance to anthracnose and stem phomopsis. Breeders: Dr Aanandini Ganesalingam, Dr dion Bennett and Dr. Matthew Aubert, Australian Grain Technologies Pty Ltd, Roseworthy, SA.

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

Organ/Plant Part	Context	State of Expression in group of Varieties
Grain	bitter principle	absent
Leaf	intensity of green	medium
Grain	ornamentation	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mandelup'	
'PBA Jurien'	
'Coyote'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	DistinguishingState of Expression in Characteristic Candidate Variety	State of Expression in Comparator Variety	Comments
'Wonga'	plant: time of early flowering	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	'Lawler'	'Coyote'	'Mandelup'	'PBA Jurien'
☐ *Grain: bitter principle	absent	absent	absent	absent
☐ Plant: height at vegetative stage	medium	medium	medium	medium
☐ * Leaf: intensity of green colour prior to bud emergence	medium	medium	medium	medium
☐ * Stem: anthocyanin colouration prior to bud emergence	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ * Time of: flowering	early	early to medium	early	early
☒ * Plant: height at beginning of flowering	short to medium	medium to tall	tall	medium
☐ * Central leaflet: length	medium	medium	medium	medium

☐ Central leaflet: width	medium	medium	medium	medium
☐ *Flower: colour of wings	white	bluish white	bluish white	white
☐ *Flower: colour of tip of carina	yellow	yellow	yellow	yellow
☐ *Plant: growth type	determinate	indeterminate	indeterminate	determinate
☐ Time of: green ripening	early to medium	early to medium	early	early
☐ Plant: height of insertion of first inflorescence at green ripening	low	medium to high	medium to high	medium
☒ * Plant: height at green ripening	medium	tall	tall	medium to tall
☐ * Grain: ornamentation	present	present	present	present
☐ Grain: colour of ornamentation	beige	beige	brown	brown
☐ Grain: distribution of ornamentation	total	total	total	total
☒ Grain: density of ornamentation (excluding varieties with eyebrow only)	sparse to medium	sparse to medium	medium	medium to dense
☐ Grain: 100 seed weight	low to medium	low to medium	low	low

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Lawler'	'Coyote'	'Mandelup'	'PBA Jurien'
☒ Grain: colour of ornamentation	165A	164A	177A	177A

Statistical Table

Organ/Plant Part: Context	'Lawler'	'Coyote'	'Mandelup'	'PBA Jurien'
☒ Grain: 100 seed weight (g)				
Mean	15.69	15.12	12.63	12.88
Std. Deviation	0.93	1.12	1.06	1.96
Lsd/sig	3.08	ns	P≤0.01	P≤0.01
☒ Plant: height at beginning of flowering (cm)				
Mean	61.56	63.51	69.68	65.14
Std. Deviation	4.36	3.96	4.06	2.43

Lsd/sig	3.27	ns	P≤0.01	ns
☒ Plant: height of insertion of first inflorescence at green ripening (cm)				
Mean	46.76	52.74	51.36	49.17
Std. Deviation	5.33	3.85	3.66	3.95
Lsd/sig	3.55	P≤0.01	P≤0.01	ns
☒ Plant: height at green ripening (cm)				
Mean	94.75	102.74	100.64	96.35
Std. Deviation	3.40	4.62	4.68	4.62
Lsd/sig	3.65	P≤0.01	P≤0.01	ns

Prior Applications and Sales:

Nil

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

Details of Application

Application Number	2021/159
Variety Name	'Wanecttwo'
Genus Species	*Prunus persica var nucipersica*
Common Name	Nectarine
Synonym	H1.031
Accepted Date	25 Oct 2021
Applicant	Wawona Packing Co., LLC, Cutler, CA, USA.
Agent	Eurofins Agroscience Services, Shepparton, VIC.
Qualified Person	Leslie Mitchell

Details of Comparative Trial

Location	Woorinen, Victoria
Descriptor	TG/53/7
Period	2020-2023
Conditions	Plants grown in commercial open field conditions. Pruning and tree management done similarly. Crop protection, irrigation and fertiliser applications completed as required for good agricultural practice.
Trial Design	Large block un-replicated, >300 trees per block
Measurements	As per TG/53/7
RHS Chart - edition	6th edition, 2015

Origin and Breeding

Controlled pollination: The seedling, 'Wanecttwo' was derived from a controlled cross between an un-named un-patented nectarine seedling, coded 'M9.111', used as the female parent and an un-named, non-patented nectarine coded 'M12.070' as the pollen parent. The resulting fruit was collected from the female parent at a mature stage and seeds were extracted in August of 2009. After a period of stratification seeds were planted, near Fowler California, for tree establishment, and ultimately to exhibit fruit for evaluation. One white-fleshed nectarine seedling, which is the present variety, exhibited especially desirable characteristics, and was then designated as 'H1.031'. This seedling was marked for subsequent observation. After the 2013 fruiting season, the new variety of nectarine tree was selected for advanced evaluation and repropagation. Subsequent evaluations of these asexually reproduced plants have shown those asexual reproductions run true to the original tree. All characteristics of the original tree have remained true to type through these succeeding a sexual propagation. Breeders: John Slaughter and Kaylan Roberts, Wawona Packing Co., LLC, Cutler, CA, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time to harvest maturity	early to medium
Fruit	colour of flesh	white
Fruit	area of overcolour of skin	large to very large
Flower	type	rosette

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Diamond Pearl'	

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
'Majestic Pearl'	stone adherance to flesh	weak to medium	very strong	

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

Organ/Plant Part: Context	'Wanecttwo'	'Diamond Pearl'
☐ *Tree: size	medium to large	large
☐ Tree: vigour	strong	medium to strong
☐ *Tree: habit	upright	upright
☐ Flowering shoot: thickness	medium	medium
☐ Flowering shoot: length of internodes	short to medium	short to medium
☐ Flowering shoot: presence of anthocyanin colouration	absent	absent

☐ *Flower: type	rosette	rosette
☐ *Corolla: main colour (inner side)	medium pink	light pink
☒ *Petal: shape	medium ovate	circular
☐ *Petal: width (varieties with flower type: rosette only)	broad	broad
☐ *Flower: number of petals	five	five
☐ *Stigma: position compared to anthers	above	same level
☐ Stipule: length	medium	short to medium
☒ *Leaf blade: length	long	medium
☐ *Leaf blade: width	medium to broad	medium
☐ *Leaf blade: ratio length/width	medium to high	medium to high
☐ Leaf blade: shape in cross section	concave	concave
☐ Leaf blade: margin	crenate	shallow serrate
☐ Leaf blade: angle at base	acute	acute
☐ Leaf blade: angle at apex	very small to small	very small to small
☒ Leaf blade: colour	greenish yellow	medium green
☐ Leaf blade: red mid vein on the lower side	absent	absent
☐ Petiole: length	medium	medium
☐ *Petiole: nectaries	present	present
☐ *Petiole: shape of nectaries	reniform	reniform
☐ *Fruit: size	medium to large	medium
☐ *Fruit: shape (in ventral view)	circular	circular
☐ Fruit: mucron tip at pistil end	absent	absent
☐ Fruit: shape of pistil end (excluding mucron tip)	weakly depressed	weakly depressed
☐ Fruit: syetry (viewed from pistil end)	syetric	syetric
☐ Fruit: prominence of suture	very weak	very weak to weak
☐ Fruit: depth of stalk cavity	medium to deep	medium

☐ Fruit: width of stalk cavity	medium to broad	medium
☐ *Fruit: ground colour of skin	cream green	cream green
☐ *Fruit: relative area of over colour of skin	very large	large to very large
☐ Fruit: hue of over colour of skin	dark red	dark red
☐ Fruit: pattern of over colour of skin	solid flush	solid flush
☐ *Fruit: pubescence of skin	absent	absent
☐ Fruit: glossiness (varieties with fruit pubescence: absent only)	strong	strong
☐ Fruit: conspicuousness of lenticels (varieties with fruit pubescence: absent only)	medium	medium
☐ Fruit: thickness of skin	thin	thin
☐ Fruit: adherence of skin to flesh	very strong	very strong
☐ *Fruit: firmness of flesh	firm	firm to very firm
☐ *Fruit: carotenoid colouration of flesh	white	white
☐ *Fruit: anthocyanin colouration of flesh next to skin	absent or very weak	absent or very weak
☐ *Fruit: anthocyanin colouration of flesh in central part of flesh	absent or very weak	absent or very weak
☐ *Fruit: anthocyanin colouration of flesh around stone	absent or weak	absent or weak
☐ Fruit: flesh fiber	moderate	
☐ Fruit: sweetness	high	high
☐ *Fruit: acidity	medium	low
☐ *Stone: size compared to fruit	medium	medium
☐ *Stone: shape (in lateral view)	circular	elliptic
☐ Stone: anthocyanin colouration	very weak to weak	absent or very weak
☐ Stone: intensity of brown colour	light to medium	light
☐ Stone: relief of surface	equally pits and grooves	predominantly grooves
☐ Stone: tendency to split	absent or very low	absent or very low

☐ *Stone: adherence to flesh	present	present
☒ Stone: degree of adherence to flesh	medium	strong
☒ Time of : beginning of leaf bud burst	very early to early	medium
☒ *Time of: beginning of flowering	very early to early	medium
☐ *Time of: maturity for consumption	early to medium	early

Statistical Table

Organ/Plant Part: Context	**'Wanecttwo'**	**'Diamond Pearl'**
☒ Leaf: length (mm)		
Mean	173.60	162.80
Std. Deviation	10.20	12.30
Lsd/sig	4.68	P≤0.01
☒ Leaf: width (mm)		
Mean	48.90	45.80
Std. Deviation	3.10	3.80
Lsd/sig	1.56	P≤0.01
☐ Leaf: length/width ratio		
Mean	3.56	3.56
Std. Deviation	0.20	0.20
Lsd/sig	0.08	ns

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
USA	2020	Granted	'Wanecttwo'

First sold in Aug: 2020 in Australia.

Description: **Leslie Mitchell**, Eurofins Agroscience Services, Shepparton, VIC.

Details of Application

Application Number	2017/337
Variety Name	'Amigain'
Genus Species	*Trifolium pratense*
Common Name	Red Clover
Accepted Date	21 May 2018
Applicant	Grasslands Innovation Ltd, Palmerston North, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	App No. CLO062, Grant No. 33780
Location	Lincoln, New Zealand
Descriptor	TG/5/7 2001
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: Semi Prostrate selection is a selection of a polycross of 26 genotypes (2006/07) originating from surviving plants from a spaced plant trial 2003/04. The cultivar x ecotype crosses that were recombined were Portuguese x 'Colenso' (F3544); Portuguese x 'Sensation' (F3540); 'Georgia' x 'Crossway' (F3548) and Portuguese x 'Crossway' (F3547). The resultant seed was given the number F3558. Parental selection as single plants were screening to habit and seed yield potential Lincoln 2008/09 and 48 semi prostrate high seed yielding genotypes were selected and crossed 2009/10. Seed from this cross produced the line F3662 the Pre nucleus. Nucleus seed production completed 2016/17 accession code F4160. Breeder: John Ford, Grasslands Innovation Ltd, Palmerston North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	time of flowering	medium

Stem	length	short to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'RLH'	
'Grasslands Broadway'	

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
'Astred'	plant	flowering time	intermediate	late	
'Grasslands Hamua'	plant	flowering time	intermediate	early	
'Grasslands Sensation'	plant	flowering time	intermediate	early	
'Grasslands Colenso'	plant	flowering time	intermediate	early	
'Reaper'	plant	growth habit	semi-prostrate	medium	
'AberClaret'	plant	growth habit	semi-prostrate	semi-erect to intermediate	
'Callisto'	plant	growth habit	semi-prostrate	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	'Amigain'	'Grasslands Broadway'	'RLH'
☐ Cotyledon: length	medium		
☐ Cotyledon: width	narrow to medium		
☐ Plant: growth habit in autumn of year of sowing	intermediate to semi-prostrate		
☐ *Plant: natural height in spring	medium to tall		
☐ *Leaf: intensity of green colour in spring	medium		

☐	*Time of: flowering	medium	
☐	*Stem: length	short to medium	
☐	Stem: thickness	thin to medium	
☐	*Stem: number of internodes	high	
☐	Stem: density of hairs	medium	
☐	*Leaf: shape of medial leaflet	elongated	
☒	*Leaf: length of medial leaflet	short	medium
☐	*Leaf: width of medial leaflet	narrow	
☒	*Leaf: intensity of white marks	weak to medium	medium to strong

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2017	Granted	'Amigain'

No prior sale.

Description: **Charlotte Tumilson**, New Zealand

Details of Application

Application Number	2022/228
Variety Name	'RRAPL_01'
Genus Species	*Oryza sativa*
Common Name	Rice
Synonym	'DS1-early'
Accepted Date	16-Dec-2022
Applicant	Ricegrowers Limited trading as SunRice, Leeton, NSW2705
Qualified Person	Peter Snell

Details of Comparative Trial

Location	Walkerston, QLD4751
Descriptor	TG/16/8
Period	November 2022
Conditions	The DUS trials were sown with conventional direct seeded rice culture and inspected prior to harvest in December 2022
Trial Design	Trial was a RCB design with some modification to ensure candidate and VCKs were in close proximity to allow photographic documentation. Plots were 2.1 by 5 meters long with row spacing being 7 inches
Measurements	The DUS trial at Walkerston were subsampled on the 29th November 2022 due to inclement weather being likely on the intended day of inspection by IP Australia. About 5-10 plants were dug out of the plots highlighted in Figure 5 and placed in a bucket with water to sustain hydration. Three generations of pure seed of the candidate ("V043", "V043LR" & "MSP22 14-04") were excised from field plots although consistency led to the utilisation of only one ("V043LR" = "GEN") to demonstrate stability across generations.
RHS Chart - edition	N/A

Origin and Breeding

Selection from "source" material: early maturing heads was noted in recent import "DS1", over two consecutive seasons at Walkerston QLD, in both instances earlier heads were collected and set aside. During a routine panicle row seed increase (MSD20) trial sown in August 2020, 80 early heads were sown. Detailed phenological attributes (days to flower and plant height) were measured during the season with DNA extracted from the leaves for molecular testing for KASP markers for amylose content and gelatisation temperature. Of the 25 rows harvested, 9 entries were deemed acceptable to progress onto small plot (S1) partial replicated trial ("MUE20") for quantitative

evaluation of grain yield and grain quality against its parental precursor ("DS1") and other tropical medium grain. Head selections were taken from this partial replicated trial of all candidates to instigate a pure seed scheme for each derivative. Larger, fully (S2) replicated plot evaluation of three promising derivatives ("MUE20" = "V026", "MUE20" = "V043" and "MUE20" = "V044"), were undertaken in the subsequent season (MRA21) with grain yield and quality samples being taken for later analysis. The candidate "MUE20" = "V043" demonstrated consistently early maturity than "DS1", with grain yield acceptable for its shorten maturity and grain quality exceeding that of the precursor. Subsequent evaluation of this initial bulk derivative with a forementioned panicle derivatives for the candidate has demonstrated consistency of these characteristic across pure seed generations (long-rows and breeders seed). Breeder: Ben Heaslip, Rice Research Australia Pty LTD (SunRice), Jerilderie, NSW 2716.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
leaf	shape of ligule	cleft
Leaf blade	pubescence of surface	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
"DS1"	short grain variety from Vietnam
"Hannamai"	short grain variety imported at same time as "DS1"

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
"MUE20 V026"	plant maturity	mid	short	similar selected from "DS1" seed pre-cursor, DNA evidence suggest it was a foreign seed
"MUE20 V026"	plant height	short	medium	from ANOVA data this derivative was always significantly 10cm taller than 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	"RRAPL_01"	"DS1"	"Hannamai"

☒ Leaf: intensity of green colour	light to medium	medium to dark	medium
☐ Leaf blade: pubescence of surface	medium	medium	medium
☐ Leaf: shape of ligule	cleft	cleft	cleft
☒ Leaf blade: length	short	medium	medium
☒ Leaf blade: width	narrow to medium	medium	very narrow to narrow
☐ *Flag leaf: attitude of blade (late observation)	erect	erect to semi-erect	semi-erect
☒ *Time of: heading	very early to early	medium to late	very early
☐ Lemma: anthocyanin colouration of area below apex (early observation)	weak to medium	weak	weak
☒ Stem: thickness	thin	medium	thin
☐ *Stem: length (non-prostrate varieties only)	medium	medium to long	long
☐ *Stem: anthocyanin colouration of nodes	absent	absent	absent
☐ Panicle: awns	absent	absent	absent
☐ *Panicle: attitude in relation to stem	slightly drooping	semi-upright	semi-upright
☐ Panicle: presence of secondary branching	present	present	present
☒ Panicle: exsertion	just exserted to moderately-well exserted	moderately-well exserted to well exserted	moderately-well exserted
☐ Time of: maturity	early	intermediate to late	early
☐ Lemma: anthocyanin colouration of apex (late observation)	very weak to weak	absent or very weak	very weak to weak
☒ Grain: length	short	very short to short	short
☒ Grain: width	medium	medium to broad	medium to broad
☐ *Decorticated grain: length	short	short to medium	short
☐ Decorticated grain: width	medium	medium to broad	medium to broad

☐ *Decorticated grain: shape (in lateral view)	semi-round	semi-round	semi-round
☐ *Decorticated grain: colour	white	white	white
☐ Endosperm: type	non-glutinous	non-glutinous	non-glutinous
☐ Endosperm: content of amylose	state 2	state 3	state 2
☐ Alkali: digestion	intermediate	intermediate	intermediate
☐ *Decorticated grain: aroma	absent or very weak	absent or very weak	absent or very weak

Statistical Table

Organ/Plant Part: Context	**"RRAPL_01"**	**"DS1"**	**"Hannamai"**
☒ Plant: height (cm)			
Mean	68.33	86.25	83.50
Std. Deviation	1.28	2.55	2.55
Lsd/sig	2.55	P ≤ 0.01	P ≤ 0.01
☒ Plant: maturity			
Mean	74.00	102.42	74.75
Std. Deviation	0.46	0.93	0.93
Lsd/sig	0.93	P ≤ 0.01	P ≤ 0.01
☒ Organ: endosperm: degree of chalk			
Mean	3.00 %	12.53 %	7.93 %
Std. Deviation	2.71 %	2.71 %	2.71 %
Lsd/sig	5.43%	P ≤ 0.01	NS
☒ Organ: endosperm: content of amylose			
Mean	18.50	19.17	19.22
Std. Deviation	0.15	0.15	0.15

Lsd/sig	0.31	P ≤ 0.01	P ≤ 0.01
☒Organ: endosperm: RVA setback			
Mean	-266.83	-68.00	-190.83
Std. Deviation	65.89	65.89	65.89
Lsd/sig	131.78	P ≤ 0.01	NS

Prior Applications and Sales: Nil

Description: Peter Snell, Leeton, NSW 2705

Details of Application

Application Number	2022/021
Variety Name	'IB 210-5'
Genus Species	*Salvia* hybrid
Common Name	Sage
Accepted Date	05-Apr-2022
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC 3115
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/316/1 *Salvia* (Salvia)
Period	November 2022 - March 2023
Conditions	Trial conducted in the open, plants propagated as cuttings November 2022, and transferred to 140mm pots in January 2023. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. 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

Controlled-pollination: Cross pollination occurred with the maternal parent 'Heatwave Glare' and paternal parent 'Ultra Violet' in as part of an ongoing Salvia breeding program to produce a selection with light blue corolla, medium to dense bushy habit on a compact bush in Autumn 2012. Seed was sown in August 2012 and seedlings raised to maturity spring 2012. Plants were grown for a further 12 months until initial evaluation in February 2013. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further 12 months. In March 2015 a final selection was made on the breeding criteria above. The selection was grown through several generations, and all have remained uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, VIC 3115.

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

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

Plant	height	short to medium
Leaf blade	variegation	absent
Leaf blade	main colour	light green
Lower lip	colour	blue to violet
Plant	growth habit	upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SoCool Lilac'	
'SoCool Violet'	
'SoCool Purple'	

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

Organ/Plant Part: Context	'IB 210-5'	'SoCool Lilac'	'SoCool Purple'	'SoCool Violet'
☐ *Plant: growth habit	upright	upright	upright	upright
☐ Plant: height	short to medium	short to medium	short to medium	short to medium
☐ Plant: width	narrow to medium	narrow to medium	narrow to medium	narrow to medium
☒ Plant: density of shoots	medium to dense	medium to dense	medium	sparse
☐ Stem: anthocyanin coloration	absent or very weak	absent or very weak	Weak	Weak
☐ Stem: pubescence	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☐ Leaf: type	simple	simple	simple	simple
☐ Petiole: length	short	short	short	short to medium
☒ Leaf blade: length	short	short	short to medium	medium
☒ Leaf blade: width	narrow	narrow	narrow to medium	medium

☐ Leaf blade: position of broadest part	moderately towards base	moderately towards base	moderately towards base	moderately towards base
☐ Leaf blade: shape of base	obtuse	obtuse	obtuse	obtuse
☐ Leaf blade: shape of apex	rounded	rounded	rounded	obtuse
☐ *Leaf blade: variegation	absent	absent	absent	absent
☐ Leaf blade: main color	light green	light green	light green	light green
☐ Leaf blade: pubescence	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☒ Leaf blade: rugosity	absent or very weak	weak	weak	weak
☐ *Leaf blade: incisions of margin	shallow	shallow	shallow	shallow
☐ Leaf blade: undulation of margin	medium	strong	medium	medium
☐ *Inflorescence: length	medium	medium	medium	short to medium
☐ Inflorescence: length of internode	medium to long	medium to long	medium	medium
☐ *Inflorescence: number of florets per node	few	few	few	few
☐ Inflorescence: number of lateral branches	absent or very few	absent or very few	absent or very few	absent or very few
☐ Inflorescence: attitude of tip	erect	erect	erect	erect
☐ Bract: persistence	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Bract: length	very short	very short	very short	very short
☐ Bract: main color of outer side	79B	79A	79A	79A
☐ *Calyx: length	short	short to medium	short to medium	short
☒ *Calyx: main color of outer side	Ca 147B	N186A	N186B	N186B
☐ Calyx: pubescence on outer side	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
☐ *Corolla: length	medium	medium	medium	medium
☐ *Corolla: height	short to medium	medium	medium	short to medium
☐ *Corolla tube: length	medium	medium	medium	medium

☒ *Corolla tube: main color of outer side	97C	85B	N81B	83C
☒ *Upper lip: main color of outer side	97C	86C	77A	83C
☐ Upper lip: pubescence on outer side	sparse	sparse	sparse	sparse
☐ *Lower lip: width	broad	broad	broad	broad
☐ Lower lip: attitude relative to corolla tube	strongly downwards	strongly downwards	moderately downwards	strongly downwards
☒ *Lower lip: main color of inner side	92B+C	85B	N81B	83C
☒ *Lower lip: distribution of secondary color of inner side	central zone	n/a	n/a	n/a
☐ Lower lip: undulation of margin	strong	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IB 210-5'	'SoCool Lilac'	'SoCool Purple'	'SoCool Violet'
☐ Leaf blade: ratio length/width	medium	medium	medium	medium
☒ Leaf blade: glossiness of upper side	weak to medium	very weak to weak	very weak to weak	very weak to weak
☒ Lower lip: present of secondary colour of inner side	present	absent	absent	absent
☒ Lower lip: secondary colour of inner side (RHS Chart)	NN155B	n/a	n/a	n/a
☐ Lower lip: colour	blue	blue	violet	violet

Prior Applications: Nil

First sold in Australia in March 2021.

Description: Jordan Smark, Wonga Park, VIC 3115.

Details of Application

Application Number	2022/020
Variety Name	'IB 810-1'
Genus Species	*Salvia splendens* x *buchananii*
Common Name	Sage
Accepted Date	04-Apr-2022
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC 3115
Qualified Person	Jordan Smark

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	TG/316/1 Salvia (Salvia)
Period	November 2022 - March 2023
Conditions	Trial conducted in the open, plants propagated as cuttings November 2022, and transferred to 140mm pots in January 2023. Pots were filled with soilless, pinebark based mix with controlled release fertilizers. 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

Controlled-pollination: Cross pollination occurred with the maternal parent *Salvia splendens* 'Van Houteii' and paternal parent *Salvia buchananii* in as part of an ongoing Salvia breeding program to produce a selection with purple/red corolla and purple calyx to pink in a medium to density bushy habit. Seedlings were raised in February 2015 and grown to flowering maturity spring 2015. At this time several initial selections were made in a range of desired colours and habits and subsequently grown on for a further 12 months. In October 2016 three selections was made on the breeding criteria above. A single final selection was made in October 2018 having grown through several generations and all remained uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, VIC 3115.

Choice of Comparators: Characteristics 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	height	short to medium
Plant	density of shoots	sparse to medium
Leaf blade	variegation	absent
Lower lip	colour	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Wendy's Wish'	
'SER-Wish'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kisses and Wishes'	lower lip colour	purple	pink	
'SAL010-0'	lower lip colour	purple	orange	

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

Organ/Plant Part: Context	'IB 810-1'	'SER-Wish'	'Wendy's Wish'
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright
☐ Plant: height	short to medium	short to medium	short to medium
☐ Plant: width	medium	medium	medium
☐ Plant: density of shoots	sparse to medium	sparse to medium	sparse to medium
☐ Stem: anthocyanin coloration	medium	strong	strong
☐ Stem: pubescence	absent or very sparse	absent or very sparse	absent or very sparse
☐ Leaf: type	simple	simple	simple
☐ Petiole: length	short to medium	short to medium	short to medium

☐ Leaf blade: length	medium	medium	medium
☐ Leaf blade: width	medium	medium	medium
☐ Leaf blade: ratio length/width	low to medium	low to medium	low to medium
☐ Leaf blade: position of broadest part	moderately towards base	moderately towards base	moderately towards base
☐ Leaf blade: shape of base	obtuse	obtuse	obtuse
☐ Leaf blade: shape of apex	acute	acute	acute
☐ *Leaf blade: variegation	absent	absent	absent
☒ Leaf blade: main color	yellow green	medium green	medium green
☐ Leaf blade: pubescence	absent or very sparse	absent or very sparse	absent or very sparse
☐ Leaf blade: rugosity	weak	weak	weak
☐ *Leaf blade: incisions of margin	medium	medium	medium
☐ Leaf blade: undulation of margin	absent or weak	absent or weak	absent or weak
☐ *Inflorescence: length	medium to long	long	long
☐ Inflorescence: length of internode	medium to long	long	long
☐ *Inflorescence: number of florets per node	medium	medium	medium
☐ Inflorescence: number of lateral branches	absent or very few	absent or very few	absent or very few
☒ Inflorescence: attitude of tip	semi-erect	downwards	downwards
☐ Bract: persistence	weak	medium	medium
☐ Bract: length	short	medium	medium
☒ Bract: main color of outer side	N97A	N79B fading at base to N77B	apex 186B, throughout 186C+D
☐ *Calyx: length	medium	medium	medium
☒ *Calyx: main color of outer side	N186C	N79B fading at base to N77B	187B+C
☐ Calyx: pubescence on outer side	absent or very sparse	absent or very sparse	absent or very sparse
☐ *Corolla: height	medium	medium	medium

☐ *Corolla tube: length	medium to long	long	long
☒ *Corolla tube: main color of outer side	72A	N79C	64B
☒ *Upper lip: main color of outer side	72A	N79C	64B
☐ Upper lip: pubescence on outer side	medium	medium	medium
☐ *Lower lip: width	medium	medium to broad	medium to broad
☐ Lower lip: attitude relative to corolla tube	strongly downwards	strongly downwards	strongly downwards
☒ *Lower lip: main color of inner side	72A	N78A	64B
☒ Lower lip: undulation of margin	strong	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IB 810-1'	'SER-Wish'	'Wendy's Wish'
☒ Stem: anthocyanin colour	brown	purple	reddish purple
☒ Stem: anthocyanin colour (RHS Chart)	176B	N186C	187A
☒ Leaf blade: main colour (RHS Chart)	CA 144A	CA 137B	CA 137B
☐ Corolla: length	long to very long	very long	very long
☐ Lower lip: colour	purple	purple	purple

Prior Applications: Nil

First sold in Australia in March 2021

Description: Jordan Smark, Wonga Park, VIC 3115.

Details of Application

Application Number	2018/089
Variety Name	'PMSP189681558'
Genus Species	*Spinacia oleracea*
Common Name	Spinach
Accepted Date	06 Jun 2018
Applicant	Nunhems B.V., Napoleonsweg 152, Nunhem, 6083 AB, Netherlands
Agent	Spruson & Ferguson, Level 27, 385 Bourke Street, Melbourne, VIC 3000
Qualified Person	Ean Blackwell

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw
Overseas Data Reference Number	SPN791
Location	Naktuinbouw, Roelofarendsveen, NL
Descriptor	TP/55/5 Rev. 2 d.d.
Period	2018
Trial Design	In accordance with TP/55/5 Rev. 2 d.d.
Measurements	In accordance with TP/55/5 Rev. 2 d.d.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Bred over seven cycles of self-pollination and selection from a female line that was inbred from a commercial variety. Breeder: Nunhems B.V., Nunhem, Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	red coloration of stem, petioles and veins	absent
Leaf blade	intensity of green colour	dark
Leaf blade	blistering	weak
Plant	proportion of monoecious plants	absent or very low
Plant	proportion of female plants	very high

Plant	proportion of male plants	absent or very low
Bolting	time of start of bolting (for spring sown crops, 15% of plants)	early to medium
Resistance	Race Pfs: 10	present
Resistance	Race Pfs: 12	present
Resistance	Race Pfs: 13	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Virgo'	

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

Organ/Plant Part: Context	'PMSP189681558'	'Virgo'
☐ Seedling: length of cotyledon	short to medium	
☒ Leaf blade: intensity of green colour	dark	medium to dark
☐ Leaf blade: blistering	weak	
☐ Leaf blade: lobing	absent or very weak to weak	
☐ Petiole: attitude	semi-erect to horizontal	
☐ Petiole: length	short	
☐ Plant: red coloration of stem, petioles and veins	absent	
☒ Leaf blade: attitude	horizontal	horizontal to semi-pendulous
☐ Leaf blade: shape (excluding basal lobes)	broad ovate	
☐ Leaf blade: curving of margin	flat	
☐ Leaf blade: shape of apex	rounded	
☐ Leaf blade: shape in longitudinal section	flat	

☐ 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	early to medium	early
☐ Seed: spines (harvested seed)	absent	
☐ Race Pfs: 1: Resistance	present	
☒ Race Pfs: 2: resistance	absent	present
☐ Race Pfs: 3: resistance	present	
☐ Race Pfs: 4: resistance	present	
☐ Race Pfs: 5: resistance	present	
☐ Race Pfs: 6: resistance	present	
☐ Race Pfs: 7: resistance	present	
☐ Race Pfs: 8: resistance	present	
☐ Race Pfs: 10: resistance	present	
☐ Race Pfs: 11: resistance	present	
☐ Race Pfs: 12: resistance	present	
☐ Race Pfs: 13: resistance	present	
☐ Race Pfs: 14: resistance	present	
☐ Race Pfs: 15: resistance	present	
☐ Race Pfs: 16: resistance	present	absent

Prior Applications and Sales:

Country	Year	Status	Name Applied
Netherlands	2018	Granted	'189681558'

First sold in: Nil.

Description: Ean Blackwell, Melbourne, VIC.

Details of Application

Application Number	2021/150
Variety Name	'Tamara-ASBP'
Genus Species	*Fragaria xananassa*
Common Name	Strawberry
Accepted Date	24 Aug 2021
Applicant	State of Queensland, Dutton Park, QLD and Horticulture Innovation Australia Limited, North Sydney NSW.
Qualified Person	Jodi Neal

Details of Comparative Trial

Location	Wandin Strawberry Research Farm, Wandin North VIC (-37.78° South, 145.42° East, elevation 159 m)
Descriptor	Strawberry (new) (Fragaria) TG/22/10 Rev.
Period	October 2022 - January 2023
Conditions	Trial conducted at Wandin Strawberry Research Farm, Wandin North VIC (October 2022 to January 2023) in a fumigated field, with candidate variety 'Tamara-ASBP' (breeders code: '2015-009-048'), and the comparator 'Albion'. Planting material of candidate variety and comparator were bare-rooted runners produced at Wandin Strawberry Research Farm and Toolangi Certified Strawberry Runner Growers' Co-Op Ltd, respectively. Planted in black polythene mulch, double rows on beds (28cm inter-row, 40cm intra-row and 140cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 blocks and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	Approximately twenty plants or fruit as individual plants or harvested fruit randomly sampled per cultivar per block for measured data.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Approximately 13,700 seedlings from controlled pollinations of selected parents were evaluated at Wandin Research Facility, Victoria, with selection within and among families for the suite of characteristics below. Initial selection '2015-009-048' was made between October 2016 and March 2017 at Wandin Research Facility, Victoria from plants of a cross between '2012-014-933' and '2012-027-166`'. Runners from approx. 85 clones selected from among the seedlings were evaluated for the same set of characteristics in duplicate plots at Wandin in the 2017-18 Summer season, to produce approximately 10 selected clones in 2018-19. 'Tamara-ASBP' ('2015-009-048') was selected from among 5 clones following further evaluation in 2019-20 in small observation plots on several strawberry farms in Victoria, Tasmania, South Australia, Western Australia and Queensland using runners grown at Wandin from virus indexed plants. Work was directed by Jodi Neal and Mark Herrington. Vegetative propagation has been by runners and tissue culture since first selection. Characters used in selection

include, flavour, early yield, fruit size, fruit shape, resistance to bruising, external and internal colour, attractiveness of fruit, tolerance to disease and rain damage, bush type, ease of harvest, truss type. Breeder: Jodi Neal, Mark Herrington, Katie O'Connor – Department of Agriculture and Fisheries, Ecosciences Precinct, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	terminal leaflet margin	crenate
Flower	size of calyx in relation to corolla	larger
Petal	colour of upper side	white
Fruit	shape	conical
Fruit	position of achenes	below surface

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Albion'	

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

Organ/Plant Part: Context	'Tamara-ASBP'	'Albion'
☐ *Plant: growth habit	spreading	semi-upright
☐ Plant: density of foliage	medium	medium
☐ Plant: vigour	medium to strong	weak to medium
☐ *Plant: position of inflorescence in relation to foliage	same level	above
☐ *Plant: number of stolons	medium	medium
☐ Leaf: size	small to medium	medium
☐ Leaf: colour of upper side	medium green	medium green
☐ *Leaf: blistering	medium	medium

☐ *Leaf: glossiness	medium	medium
☐ Leaf: variegation	absent	absent
☐ *Terminal leaflet: length in relation to width	equal	equal
☐ *Terminal leaflet: shape of base	rounded	rounded
☐ Terminal leaflet: margin	crenate	crenate
☐ Terminal leaflet: shape in cross section	concave	concave
☐ Petiole: length	short to medium	short to medium
☐ Petiole: attitude of hairs	horizontal	horizontal
☒ Stipule: anthocyanin colouration	very weak to weak	weak to medium
☐ Inflorescence: number of flowers	medium	medium
☐ Pedicel: attitude of hairs	upwards	upwards
☐ Flower: diameter	medium to large	medium to large
☐ *Flower: arrangement of petals	overlapping	overlapping
☐ *Flower: size of calyx in relation to corolla	larger	larger
☐ *Flower: stamen	present	present
☐ Petal: length in relation to width	equal	equal
☐ *Petal: colour of upper side	white	white
☐ *Fruit: length in relation to width	equal	moderately longer
☒ *Fruit: size	large to very large	large
☐ *Fruit: shape	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
☐ *Fruit: colour	orange red	medium red
☐ Fruit: evenness of colour	slightly uneven	even or very slightly uneven
☐ Fruit: glossiness	strong	strong
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven

☒ Fruit: width of band without achenes	medium	narrow
☐ *Fruit: position of achenes	below surface	below surface
☐ Fruit: position of calyx attachment	level with fruit	level with fruit
☐ Fruit: attitude of sepals	upwards	upwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	much larger	much larger
☐ Fruit: firmness	medium to firm	firm
☐ Fruit: colour of flesh (excluding core)	medium red	medium red
☐ Fruit: colour of core	medium red	light red
☐ Fruit: cavity	medium	medium
☐ *Time of: beginning of flowering	early	early
☐ *Type of: bearing	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Tamara-ASBP'	'Albion'
☐ Plant: Plant size	small to medium	medium to large

Prior Applications and Sales: Nil

Description: **Jodi Neal**, Nambour, QLD

Details of Application

Application Number	2021/152
Variety Name	'SB17-230-ASBP'
Genus Species	*Fragaria xananassa*
Common Name	Strawberry
Accepted Date	24 Aug 2021
Applicant	State of Queensland, Dutton Park, QLD and Horticulture Innovation Australia Limited, North Sydney NSW.
Qualified Person	Jodi Neal

Details of Comparative Trial

Location	Maroochy Research Station, Nambour, QLD (26.37° South, 152.57° East, elevation 29m).
Descriptor	Strawberry (new) (Fragaria) TG/22/10 Rev.
Period	March 2022 - August 2022
Conditions	Trial conducted at Maroochy Research Station Nambour, QLD (March to August 2022) in a non-fumigated field, with candidate variety 'SB17-230-ASBP' (breeders code: '2017-230'), and the comparators 'Red Rhapsody' and 'Sundrench'. Planting material of candidate variety and comparators were container-grown runners produced at Maroochy Research Station. Planted in black polythene mulch, double rows on beds (28cm inter-row, 40cm intra-row and 140cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 blocks and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	Approximately twenty plants or fruit as individual plants or harvested fruit randomly sampled per cultivar per block for measured data.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: Approximately 6100 seedlings from controlled pollinations of selected parents were evaluated at Maroochy Research Facility, and 4300 at Bundaberg Research Facility, with selection within and among families for the suite of characteristics below. Initial selection '2017-230' was made between May and September 2017 at Maroochy Research Facility, Nambour, Queensland from plants of a cross between 'Sundrench' and '2016-003' (a white-fruited selection). Runners from approx. 146 clones selected from among the seedlings were evaluated for the same set of characteristics in duplicate plots at Maroochy Research Facility in 2018, to produce approximately 12 selected clones in 2019. 'SB17-230-ASBP' ('2017-230') was selected as a specialty selection with light-coloured fruit for further evaluation in 2020 in small observation plots on several strawberry farms in Queensland using runners grown at Maroochy Research Facility from virus indexed plants. Work was directed by Mark Herrington and Jodi Neal. Vegetative propagation has been by runners and tissue culture since first selection. Characters used in selection include, flavour, early yield, fruit size, fruit shape, resistance to bruising, external and

internal colour, attractiveness of fruit, tolerance to disease and rain damage, bush type, ease of harvest, truss type. Breeder: Jodi Neal, Mark Herrington, Katie O'Connor – Department of Agriculture and Fisheries, Ecosciences Precinct, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	terminal leaflet length in relation to width	moderately longer
Leaf	terminal leaflet shape of base	obtuse
Petal	colour of upper side	white
Fruit	size	medium
Fruit	position of achenes	below surface

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sundrench'	

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

Organ/Plant Part: Context	'SB17-230-ASBP'	'Sundrench'
☐ *Plant: growth habit	semi-upright	spreading
☐ Plant: density of foliage	medium	sparse to medium
☐ Plant: vigour	medium	medium
☐ *Plant: position of inflorescence in relation to foliage	same level	same level
☐ *Plant: number of stolons	medium	medium
☐ Leaf: size	small	small
☐ Leaf: colour of upper side	medium green	medium green
☐ *Leaf: blistering	medium	absent or weak
☐ *Leaf: glossiness	medium	absent or weak
☐ Leaf: variegation	absent	absent
☐ *Terminal leaflet: length in relation to width	moderately longer	moderately longer

☐ *Terminal leaflet: shape of base	obtuse	obtuse
☐ Terminal leaflet: margin	crenate	serrate to crenate
☐ Terminal leaflet: shape in cross section	concave	straight
☐ Petiole: length	medium	medium
☐ Petiole: attitude of hairs	slightly outwards	slightly outwards
☐ Stipule: anthocyanin colouration	weak	weak
☐ Inflorescence: number of flowers	few	few
☐ Pedicel: attitude of hairs	upwards	upwards
☐ Flower: diameter	medium	medium
☐ *Flower: arrangement of petals	touching	touching
☐ *Flower: size of calyx in relation to corolla	smaller	same size
☐ *Flower: stamen	present	present
☐ Petal: length in relation to width	equal	equal
☐ *Petal: colour of upper side	white	white
☐ *Fruit: length in relation to width	moderately longer	much longer
☐ *Fruit: size	medium	medium
☐ *Fruit: shape	cordate	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
☐ Fruit: evenness of colour	strongly uneven	even or very slightly uneven
☐ Fruit: glossiness	medium	medium
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
☐ Fruit: width of band without achenes	absent or very narrow	absent or very narrow
☐ *Fruit: position of achenes	below surface	below surface
☐ Fruit: position of calyx attachment	inserted	level with fruit

☐ Fruit: attitude of sepals	upwards	upwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	much larger	slightly larger
☐ Fruit: firmness	firm to very firm	firm to very firm
☒ Fruit: colour of flesh (excluding core)	whitish	medium red
☒ Fruit: colour of core	white	light red
☐ Fruit: cavity	absent or small	medium
☐ *Time of: beginning of flowering	early	early
☐ *Type of: bearing	partially remontant	partially remontant

Prior Applications and Sales: Nil

Description: **Jodi Neal**, Nambour, QLD

Details of Application

Application Number	2021/151
Variety Name	'Tahli-ASBP'
Genus Species	*Fragaria xananassa*
Common Name	Strawberry
Accepted Date	24 Aug 2021
Applicant	State of Queensland, Dutton Park, QLD and Horticulture Innovation Australia Limited, North Sydney NSW.
Qualified Person	Jodi Neal

Details of Comparative Trial

Location	Wandin Strawberry Research Farm, Wandin North VIC (-37.78° South, 145.42° East, elevation 159 m)
Descriptor	Strawberry (new) (Fragaria) TG/22/10 Rev.
Period	October 2022 - January 2023
Conditions	Trial conducted at Wandin Strawberry Research Farm, Wandin North VIC (October 2022 to January 2023) in a fumigated field, with candidate variety 'Tahli-ASBP' (breeders code: '2015-008-095'), and the comparator 'Albion'. Planting material of candidate variety and comparator were bare-rooted runners produced at Wandin Strawberry Research Farm and Toolangi Certified Strawberry Runner Growers' Co-Op Ltd, respectively. Planted in black polythene mulch, double rows on beds (28cm inter-row, 40cm intra-row and 140cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 blocks and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	Approximately twenty plants or fruit as individual plants or harvested fruit randomly sampled per cultivar per block for measured data.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Approximately 13,700 seedlings from controlled pollinations of selected parents were evaluated at Wandin Research Facility, Victoria, with selection within and among families for the suite of characteristics below. Initial selection '2015-008-095' was made between October 2016 and March 2017 at Wandin Research Facility, Victoria from plants of a cross between '2012-014-933' and '2008-022-042'. Runners from approx. 85 clones selected from among the seedlings were evaluated for the same set of characteristics in duplicate plots at Wandin in the 2017-18 Summer season, to produce approximately 10 selected clones in 2018-19. 'Tahli-ASBP' ('2015-008-095') was selected from among 5 clones following further evaluation in 2019-20 in small observation plots on several strawberry farms in Victoria, Tasmania, South Australia, Western Australia and Queensland using runners grown at Wandin from virus indexed plants. Work was directed by Jodi Neal and Mark Herrington. Vegetative propagation has been by runners and tissue culture since first selection. Characters used in selection

include, flavour, early yield, fruit size, fruit shape, resistance to bruising, external and internal colour, attractiveness of fruit, tolerance to disease and rain damage, bush type, ease of harvest, truss type. Breeder: Jodi Neal, Mark Herrington, Katie O'Connor – Department of Agriculture and Fisheries, Ecosciences Precinct, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Petal	colour of upper side	white
Leaf	terminal leaflet margin	crenate
Flower	size of calyx in relation to corolla	larger
Fruit	position of achenes	below surface

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Albion'	

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

Organ/Plant Part: Context	'Tahli-ASBP'	'Albion'
☐ *Plant: growth habit	semi-upright	semi-upright
☐ Plant: density of foliage	medium	medium
☐ Plant: vigour	medium to strong	weak to medium
☐ *Plant: position of inflorescence in relation to foliage	same level	above
☐ *Plant: number of stolons	medium	medium
☐ Leaf: size	small to medium	medium
☐ Leaf: colour of upper side	medium green	medium green
☐ *Leaf: blistering	medium	medium

☐ *Leaf: glossiness	medium	medium
☐ Leaf: variegation	absent	absent
☒ *Terminal leaflet: length in relation to width	moderately longer	equal
☒ *Terminal leaflet: shape of base	obtuse	rounded
☐ Terminal leaflet: margin	crenate	crenate
☐ Terminal leaflet: shape in cross section	concave	concave
☐ Petiole: length	medium	short to medium
☐ Petiole: attitude of hairs	horizontal	horizontal
☐ Stipule: anthocyanin colouration	weak	weak to medium
☐ Inflorescence: number of flowers	medium	medium
☒ Pedicel: attitude of hairs	horizontal	upwards
☐ Flower: diameter	medium to large	medium to large
☐ *Flower: arrangement of petals	touching	overlapping
☐ *Flower: size of calyx in relation to corolla	larger	larger
☐ *Flower: stamen	present	present
☐ Petal: length in relation to width	equal	equal
☐ *Petal: colour of upper side	white	white
☐ *Fruit: length in relation to width	moderately longer	moderately longer
☐ *Fruit: size	large to very large	large
☐ *Fruit: shape	cordate	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
☐ *Fruit: colour	medium red	medium red
☐ Fruit: evenness of colour	slightly uneven	even or very slightly uneven
☐ Fruit: glossiness	strong	strong
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
☐ Fruit: width of band without achenes	narrow	narrow

☐ *Fruit: position of achenes	below surface	below surface
☐ Fruit: position of calyx attachment	inserted	level with fruit
☐ Fruit: attitude of sepals	outwards	upwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	much larger
☐ Fruit: firmness	medium to firm	firm
☐ Fruit: colour of flesh (excluding core)	light red	medium red
☐ Fruit: colour of core	light red	light red
☐ Fruit: cavity	absent or small	medium
☒ *Time of: beginning of flowering	very early	early
☐ *Type of: bearing	partially remontant	partially remontant

Prior Applications and Sales: Nil

Description: **Jodi Neal**, Nambour, QLD

Details of Application

Application Number	2021/153
Variety Name	'Susie-ASBP'
Genus Species	*Fragaria xananassa*
Common Name	Strawberry
Accepted Date	24 Aug 2021
Applicant	State of Queensland, Dutton Park, QLD and Horticulture Innovation Australia Limited, North Sydney NSW.
Qualified Person	Jodi Neal

Details of Comparative Trial

Location	Maroochy Research Station, Nambour, QLD (26.37° South, 152.57° East, elevation 29m).
Descriptor	Strawberry (new) (Fragaria) TG/22/10 Rev.
Period	March 2022 - August 2022
Conditions	Trial conducted at Maroochy Research Station Nambour, QLD (March to August 2022) in a non-fumigated field, with candidate variety 'Susie-ASBP' (breeders code: '2016-112'), and the comparators 'Red Rhapsody' and 'Sundrench'. Planting material of candidate variety and comparators were container-grown runners produced at Maroochy Research Station. Planted in black polythene mulch, double rows on beds (28cm inter-row, 40cm intra-row and 140cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 replicates and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	Approximately twenty plants or fruit as individual plants or harvested fruit randomly sampled per cultivar per block for measured data.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: Approximately 7700 seedlings from controlled pollinations of selected parents were evaluated at Maroochy Research Facility, and 3200 at Bundaberg Research Facility, with selection within and among families for the suite of characteristics below. Initial selection '2016-112' was made between May and September 2016 at Maroochy Research Facility, Nambour, Queensland from plants of a cross between '2007-169' and 'Red Rhapsody'. Runners from approx. 216 clones selected from among the seedlings were evaluated for the same set of characteristics in duplicate plots at Maroochy Research Facility in 2017, to produce approximately 32 selected clones in 2018. 'Susie-ASBP' ('2016-112') was selected from among 2 clones following further evaluation in 2019 and 2020 in small observation plots on several strawberry farms in Queensland using runners grown at Maroochy Research Facility from virus indexed plants. Work was directed by Jodi Neal and Mark Herrington. Vegetative propagation has

been by runners and tissue culture since first selection. Characters used in selection include, flavour, early yield, fruit size, fruit shape, resistance to bruising, external and internal colour, attractiveness of fruit, tolerance to disease and rain damage, bush type, ease of harvest, truss type. Breeder: Jodi Neal, Mark Herrington, Katie O'Connor – Department of Agriculture and Fisheries, Ecosciences Precinct, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	blistering	absent or weak
Leaf	terminal leaflet length in relation to width	much longer
Flower	arrangement of petals	overlapping
Flower	size of calyx in relation to corolla	larger
Petal	colour of upper side	white
Fruit	length in relation to width	much longer
Fruit	position of achenes	below surface

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Rhapsody'	

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

Organ/Plant Part: Context	'Susie-ASBP'	'Red Rhapsody'
☐ *Plant: growth habit	semi-upright	spreading
☐ Plant: density of foliage	medium	medium
☐ Plant: vigour	medium	medium
☐ *Plant: position of inflorescence in relation to foliage	above	same level
☐ *Plant: number of stolons	medium	few
☐ Leaf: size	small	small
☐ Leaf: colour of upper side	medium green	medium green
☐ *Leaf: blistering	absent or weak	absent or weak
☐ *Leaf: glossiness	medium	absent or weak

☐ Leaf: variegation	absent	absent
☐ *Terminal leaflet: length in relation to width	much longer	much longer
☐ *Terminal leaflet: shape of base	obtuse	acute
☐ Terminal leaflet: margin	crenate	crenate
☐ Terminal leaflet: shape in cross section	straight	concave
☐ Petiole: length	short to medium	medium
☒ Petiole: attitude of hairs	upwards	horizontal
☒ Stipule: anthocyanin colouration	medium	weak
☐ Inflorescence: number of flowers	few	few
☐ Pedicel: attitude of hairs	upwards	upwards
☐ Flower: diameter	medium	medium
☐ *Flower: arrangement of petals	overlapping	overlapping
☐ *Flower: size of calyx in relation to corolla	larger	larger
☐ *Flower: stamen	present	present
☐ Petal: length in relation to width	equal	moderately shorter
☐ *Petal: colour of upper side	white	white
☐ *Fruit: length in relation to width	much longer	much longer
☒ *Fruit: size	very large	medium
☐ *Fruit: shape	conical	conical
☐ Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
☐ *Fruit: colour	medium red	dark red
☐ Fruit: evenness of colour	even or very slightly uneven	even or very slightly uneven
☐ Fruit: glossiness	medium	medium
☐ Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
☐ Fruit: width of band without achenes	narrow	narrow
☐ *Fruit: position of achenes	below surface	below surface

☐ Fruit: position of calyx attachment	raised	level with fruit
☐ Fruit: attitude of sepals	outwards	outwards
☐ Fruit: diameter of calyx in relation to diameter of fruit	much larger	much larger
☐ Fruit: firmness	firm	firm to very firm
☐ Fruit: colour of flesh (excluding core)	light red	medium red
☐ Fruit: colour of core	light red	medium red
☐ Fruit: cavity	absent or small	medium
☐ *Time of: beginning of flowering	early	early
☐ *Type of: bearing	partially remontant	partially remontant

Prior Applications and Sales: Nil

Description: **Jodi Neal**, Nambour, QLD

Details of Application

Application Number	2018/196
Variety Name	'PA2UNIBO'
Genus Species	*Prunus avium*
Common Name	Sweet Cherry
Accepted Date	08 Nov 2018
Applicant	Alma Mater Studiorum - Universita of Bologna, Bologna, Italy.
Agent	Graham's Factree Pty Ltd, Hoddles Creek, VIC, Australia
Qualified Person	Rebecca Fleming

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office
Overseas Data Reference Number	DEE 4050821
Location	INRA Villenave dÓrnon (33)
Descriptor	CPVO TG/35/2
Period	01/03/2013-01/12/2017
Conditions	As per CPVO test report
Trial Design	As per CPVO test report
Measurements	As per CPVO test report
RHS Chart - edition	

Origin and Breeding

Open pollination: Selected in 2004 in Vignola, Modena Province, Italy. Tested as DCA BO A1 C27. It was initially propagated by grafting to rootstocks of varying vigour, tested in different growing districts and planting densities and proved to have the properties proper to a promising new cultivar for the market. It picks about 8-10 days after 'Burlat', at the same time as 'Summit' (or about 8-10 days before 'Bing') at the same date as 'Sumpaca' (syn. Celeste), and it was selected for its high qualities, including tree growth and yield performance, fruit appearance and excellent taste-flavour properties. It distinctive traits include mid-season picking, uniform maturing and large sized fruit of firm flesh with good flavour. Breeder: Lugli Stefano, Correale Riccardo, Grandi Michelangelo from Alma Mater Studiorum-University of Bologna, Bologna. Italy.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	colour of skin	dark red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Poisdel'	'Poisdel' has a different growth habit and is much more spreading than 'PA2UNIBO'
'Folfer'	Folfer's flowering time is much earlier than 'PA2UNIBO'

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

Organ/Plant Part: Context	'PA2UNIBO'	'Folfer'	'Poisdel'
☐ Tree: vigour	weak		
☒ *Tree: habit	upright		spreading
☐ *Tree: branching	very weak to weak		
☐ One-year-old shoot: number of lenticels	few to medium		
☐ Young shoot: anthocyanin colouration of tip	strong		
☐ Leaf blade: length	medium to long		
☐ Leaf blade: width	medium to broad		
☐ *Leaf blade: ratio length/width	large		
☐ *Leaf: length of petiole	long to very long		
☐ Leaf: ratio length of petiole/length of blade	large		
☐ *Petiole: nectaries	present		
☐ Petiole: colour of nectaries	dark red		
☐ Flower: diameter of corolla	medium		
☐ Flower: shape of petal	round		
☐ Flower: relative position of petal margins	overlapping		
☐ *Fruit: size	large to very large		
☐ *Fruit: shape	reniform		
☐ Fruit: pistil end	depressed		
☐ *Fruit: colour of skin	dark red		

☐	Fruit: size of lenticels on skin	small
☐	Fruit: number of lenticels on skin	many
☐	Fruit: colour of juice	red
☐	Fruit: colour of flesh	dark red
☐	*Fruit: firmness	firm
☐	Fruit: acidity	low to medium
☐	Fruit: sweetness	high
☐	Fruit: juiciness	weak
☐	*Fruit: length of stalk	very short
☐	Fruit: abscission layer between stalk and fruit	present
☐	Fruit: thickness of stalk	medium
☐	*Stone: size	medium
☐	*Stone: shape	broad elliptic
☒	*Time of: flowering	late early
☐	*Time of: fruit maturity	early to medium

Prior Applications and Sales:

Country	Year	Status	Variety name
European Union	2012	Granted	'PA2UNIBO'
USA	2013	Granted	'PA2UNIBO'
Switzerland	2018	Granted	'PA2UNIBO'
Türkiye	2016	Pending	'PA2UNIBO'
Chile	2018	Granted	'PA2UNIBO'
New Zealand	2019	Pending	'PA2UNIBO'
South Africa	2018	Pending	'PA2UNIBO'
Argentina	2019	Granted	'PA2UNIBO'
Peru	2019	Granted	'PA2UNIBO'
United Kingdom	2018	Granted	'PA2UNIBO'
Canada	2019	Pending	'PA2UNIBO'

First sold on 05 September 2013 in Italy

Description: Rebecca Fleming, Hoddles Creek, VIC

Details of Application

Application Number	2018/197
Variety Name	'PA3UNIBO'
Genus Species	*Prunus avium*
Common Name	Sweet Cherry
Accepted Date	08 Nov 2018
Applicant	Alma Mater Studiorum - Universita of Bologna, Bologna, Italy.
Agent	Graham's Factree Pty Ltd, Hoddles Creek, VIC, Australia
Qualified Person	Rebecca Fleming

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office
Overseas Data Reference Number	DEE 4050822
Location	INRA Villenave dÓrnon (33)
Descriptor	CPVO TG/35/2
Period	01/03/2013-01/12/2017
Conditions	As per CPVO test report
Trial Design	As per CPVO test report
Measurements	As per CPVO test report
RHS Chart - edition	

Origin and Breeding

Open pollination: Selected in 2004 in Vignola, Modena Province, Italy. Tested as DCA BO A1 C40. It was initially propagated by grafting to rootstocks of varying vigour, tested in different growing districts and planting densities and proved to have the properties proper to a promising new cultivar for the market. It picks about 14-16 days after 'Burlat', at the same time as 'Summit' (or 4 days before 'Bing'), and it was selected for its high qualities, including tree growth and yield performance, fruit appearance and excellent taste-flavour properties. It distinctive traits include mid-season picking, uniform maturing and large sized fruit of firm flesh. Breeder: Lugli Stefano, Correale Riccardo, Grandi Michelangelo from Alma Mater Studiorum- University of Bologna, Bologna. Italy.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	colour of skin	dark red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fertille'	'Fertille' has a lighter flesh colour, is firmer and flowers earlier than 'PA3UNIBO'

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

Organ/Plant Part: Context	'PA3UNIBO'	'Fertille'
☐ Tree: vigour	weak to medium	
☐ *Tree: habit	semi-upright	
☐ *Tree: branching	weak	
☐ One-year-old shoot: number of lenticels	few to medium	
☐ Young shoot: anthocyanin colouration of tip	strong	
☐ Leaf blade: length	medium to long	
☐ Leaf blade: width	medium to broad	
☐ *Leaf blade: ratio length/width	very large	
☐ *Leaf: length of petiole	medium	
☐ Leaf: ratio length of petiole/length of blade	medium	
☐ *Petiole: nectaries	present	
☐ Petiole: colour of nectaries	dark red	
☐ Flower: diameter of corolla	medium	
☐ Flower: shape of petal	round	
☐ Flower: relative position of petal margins	touching	
☐ *Fruit: size	large to very large	
☐ *Fruit: shape	reniform	
☐ Fruit: pistil end	depressed	
☐ *Fruit: colour of skin	dark red	
☐ Fruit: size of lenticels on skin	small to medium	
☐ Fruit: number of lenticels on skin	medium to many	

☐	Fruit: colour of juice	purple	
☒	Fruit: colour of flesh	dark red	red
☒	*Fruit: firmness	firm	firm to very firm
☐	Fruit: acidity	medium	
☐	Fruit: sweetness	high	
☐	Fruit: juiciness	weak	
☐	*Fruit: length of stalk	short to medium	
☐	Fruit: abscission layer between stalk and fruit	present	
☐	Fruit: thickness of stalk	thin to medium	
☐	*Stone: size	small to medium	
☒	*Time of: flowering	medium to late	early
☐	*Time of: fruit maturity	medium	

Prior Applications and Sales:

Country	**Year**	**Status**	**Variety name**
European Union	2012	Granted	'PA3UNIBO'
USA	2013	Granted	'PA3UNIBO'
Switzerland	2018	Granted	'PA3UNIBO'
Türkiye	2016	Pending	'PA3UNIBO'
Chile	2018	Granted	'PA3UNIBO'
New Zealand	2019	Pending	'PA3UNIBO'
South Africa	2018	Pending	'PA3UNIBO'
Argentina	2019	Granted	'PA3UNIBO'
Peru	2019	Granted	'PA3UNIBO'
United Kingdom	2018	Granted	'PA3UNIBO'
Canada	2019	Pending	'PA3UNIBO'

First sold on 05 September 2013 in Italy

Description: Rebecca Fleming, Hoddles Creek, VIC

Details of Application

Application Number	2022/080
Variety Name	'AFRCLSR01'
Genus Species	*Capsicum annuum*
Common Name	Capsicum
Accepted Date	08 Sep 2022
Applicant	Straight Up Seeds Pty Ltd, Bowen, QLD 4805
Qualified Person	Levon Cookson

Location	Bowen QLD
Descriptor	TG/76/8 Rev. 2
Period	March - July 2023
Conditions	Planted on the field, under shade
Trial Design	Split Plot design
Measurements	According to TG
RHS Chart - edition	Sixth edition

Origin and Breeding

Controlled pollination: using a landrace of *Capsicum annuum* we grew the plants and evaluated the plants and fruits for multiple characteristics. The candidate variety was obtained from six cycles of cross pollination and selection with 2,000 plants per cycle. Variety 'AFRCLSR01' was selected for fruit size, fruit shape, pericarp thickness, calyx quality, sugar content, seed volume, seed distribution, fruit yield, plant size and leaf cover. Breeder: Levon Cookson, Arable Field Research, Bowen, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seedling:	anthocyanin coloration of hypocotyl	present
Fruit:	color (before maturity)	green
Fruit:	color (at maturity)	red
Seed	volume	low
Fruit:	number of locules	2-3

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Tatin RZ'	

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
'Royston F1'	Seedvolume	low	high	

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

Organ/Plant Part: Context	'AFRCLSR01'	'Red Tatin RZ'
☐ *Seedling: anthocyanin colouration of hypocotyl	present	present
☐ Plant: attitude	erect	erect
☐ Plant: length of stem	long	long
☐ *Plant: shortened internode	absent	absent
☐ Plant: anthocyanin colouration at level of nodes	absent or very weak to weak	absent or very weak to weak
☐ *Leaf: length of blade	medium to long	medium to long
☐ *Leaf: width	medium to broad	medium to broad
☐ Leaf: green colour	medium to dark	medium
☐ Leaf: blistering	very weak to weak	very weak to weak
☐ *Flower: attitude of peduncle	non-erect	non-erect
☐ *Fruit: colour before maturity	green	green
☐ Fruit: intensity of colour before maturity	medium	light
☐ Fruit: attitude	drooping	drooping

☐ *Fruit: length	short	short
☐ Fruit: diameter	small	small
☐ Fruit: ratio length/diameter	medium to large	medium to large
☐ *Fruit: predominant shape of longitudinal section	triangular	trapezoid
☐ Fruit: predominant shape of cross section	circular	circular
☐ Fruit: sination of pericarp at basal part	absent or very weak	absent or very weak
☐ Fruit: texture of surface	smooth	smooth
☒ *Fruit: colour at maturity	red	orange
☒ Fruit: intensity of colour at maturity	dark	medium
☒ Fruit: glossiness	strong	medium
☐ *Fruit: stalk cavity	present	present
☐ Fruit: depth of stalk cavity	medium	shallow to medium
☐ Fruit: shape of apex	acute to rounded	rounded
☐ Fruit: depth of interloculary grooves	medium	medium
☐ *Fruit: predominant number of locules	two and three	two and three
☒ *Fruit: thickness of flesh	medium to thick	thin
☐ Stalk: length	short	short
☐ Stalk: thickness	thin to medium	thin
☐ Calyx: aspect	non enveloping	non enveloping
☐ *Fruit: capsaicin in placenta	absent	absent
☐ Time of: beginning of flowering	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'AFRCLSR01'**	**'Red Tatin RZ'**
☐ Time of: ripening	early to medium	early
☒ Fruit: colour at maturity	46B	N30A

Statistical Table

Organ/Plant Part: Context	**'AFRCLSR01'**	**'Red Tatin RZ'**
☒ Fruit: Gloss (1-9 score, 1 = very weak and 9 = very strong)		
Mean	7 (strong)	5 (medium)
Std. Deviation	0	0
Lsd/sig	N/A no variance does not meet assumptions of ANOVA	p≤00.01
☒ Fruit: colour lightness (spectral analysis using Colour Detector and Catcher app)		
Mean	84.38	107.21
Std. Deviation	12.40	15.06
Lsd/sig	6.77	p ≤0.01
☒ Fruit: flesh thickness (mm)		
Mean	3.7	3.0
Std. Deviation	0.48 mm	0.49 mm
Lsd/sig	0.240721	p≤00.01

Prior Applications and Sales: Nil

Description: Levon Cookson, Bowen, QLD.

Details of Application

Application Number	2022/078
Variety Name	'Willaura'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	
Accepted Date	02 Jun 2022
Applicant	Australian Grain Technologies Pty Ltd, Roseworthy, SA, 5371, Australia
Agent	
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, SA
Descriptor	TG/3/12
Period	2022
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Roundup Ultra (1.5 l/ha), Voraxor (100mls) and Hasten (1l/100l) were applied and then Overwatch (1.25L) and Avadex Xtra (2L) were done is a separate application prior to seeding. The trial was sown on 3rd June 2022 and 90kg MAP + 2.5% zinc fertiliser was sown with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 8 th August with Paradigm (25g), Axial xtra (500mls), MCPA LVE 570 (500mls) to control weeds, and Lemat insecticide was added (100mls) for insect control. On the 29 th July and the 5th September 50 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 8 th August using Elatus Ace (500mls). On the 13th September Prosaro (300mls) and BS1000 (250mls) were applied, and re-application occurred on 19th October. The season finished late with a wet spring. The trial was harvested on 23 rd December 2022.
Trial Design	Randomised block design of 6 blocks and 8 entries consisting of comparators and potential candidates. Sown in 24 ranges of 2 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.32 m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate

	growth stage or after maturity. Statistical analyses were completed using "R" software.

RHS Chart - edition

Origin and Breeding

Controlled pollination: A cross was made between two parents resulting in the population coded V12167. The population was selfed with selection for plant type, maturity and rust resistance in the field at Wagga Wagga NSW, Collingullie NSW and Horsham Victoria. A selection in F4 became V12167-048. In 2015 this line entered into National Variety Trials across NSW, Qld, Vic and SA. Seed purification began in 2019 and this seed was used as the source for commercial seed multiplication. Breeder - Australian Grain Technologies Pty Ltd, Mrs Britt Kalmeier and Dr Russell Eastwood

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	white
Plant	growth habit	semi erect
Auricle	anthocyanin	absent
Flag leaf	glaucosity of blade	very weak to weak
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	tapering
Seasonal	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LRPB Trojan'	matches all grouping characteristics
'Catapult'	matches all grouping characteristics
'Kiora'	matches all grouping characteristics
'Rockstar'	matches all grouping characteristics
'Sunflex'	matches all grouping characteristics

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'LRPB Beaufort'	seed	colour	white	red	
'LRPB Beaufort'	ear	scurs and awns	present	absent	

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

Organ/Plant Part: Context	'Willaura'	'Catapult'	'Kiora'	'LRPB Trojan'	'Rockstar'	'Sunflex'
☐ Seed: colour	white	white	white	white	white	white
☐ Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ *Plant: growth habit	semi erect	semi erect	semi erect	semi erect	semi erect	semi erect
☐ Plant: frequency of plants with recurved flag leaves	low	low to medium	low	low to medium	low	low
☐ Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak	absent or weak
☐ *Flag leaf: glaucosity of sheath	weak to medium	weak to medium	weak to medium	weak to medium	weak	weak
☐ Flag leaf: glaucosity of blade	very weak to weak	very weak to weak	very weak to weak	very weak to weak	very weak to weak	very weak to weak
☐ *Ear: glaucosity	weak to medium	weak to medium	medium	weak to medium	very weak to weak	very weak to weak
☐ Culm: glaucosity of neck	weak to medium	weak	weak to medium	medium	weak	weak
☐ *Lower glume: hairiness on external surface	present	absent	present	present	absent	absent
☐ *Straw: pith in cross section	thin	thin	thin	thin	thick or filled	thin
☐ *Ear: density	dense	medium to dense	medium to dense	medium to dense	dense	medium to dense
☐ *Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present	awns present

☐ *Ear: length of scurs or awns	medium to long	short	short to medium	medium	medium	medium
☐ *Ear: colour	white	white	white	white	white	white
☐ Ear: shape in profile	tapering	tapering	tapering	tapering	tapering	tapering
☐ Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small	absent or very small	absent or very small	very small to small
☐ Lower glume: shoulder width	narrow	narrow	narrow	very narrow to narrow	narrow to medium	narrow
☐ Lower glume: shoulder shape	slightly elevated	slightly elevated	slightly elevated	slightly elevated	horizontal	slightly elevated to strongly elevated
☐ Lower glume: length of beak	long to very long	medium to long	long to very long	long	medium to long	long
☒ *Lower glume: shape of beak	moderately curved	slightly curved	moderately curved to strongly curved	straight	slightly curved to moderately curved	straight
☐ Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small	very small
☐ *Seasonal : type	spring type	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Willaur'a	'Catapult'	'Kiora'	'LRPB Trojan'	'Rockstar'	'Sunflex'
☐ **Plant: length (cm)**						
Mean	83.80	92.80	92.50	86.80	84.90	83.00
Std. Deviation	0.60	1.80	1.80	2.90	1.70	1.80
Lsd/sig	3.2	P ≤0.01	P ≤0.01	ns	ns	ns
☒ **Plant: Ear emergence (Julian Days)**						
Mean	278.00	268.30	272.50	268.30	270.50	276.00
Std. Deviation	1.40	2.60	0.80	3.00	1.70	0.60
Lsd/sig	2.4	P ≤0.01	P ≤0.01	P ≤0.01	P ≤0.01	ns

☒**Ear: length (mm)**

Mean	105.70	92.60	100.40	108.00	95.60	105.30
Std. Deviation	0.44	3.10	2.80	1.70	3.40	3.30
Lsd/sig	4.9	P ≤0.01	P ≤0.01	ns	P ≤0.01	ns

Prior Applications and Sales:

No prior sale or applications.

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

Details of Application

Application Number	2017/049
Variety Name	'Hilltop'
Genus Species	*Trifolium repens*
Common Name	White Clover
Accepted Date	24 May 2017
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand
Qualified Person	Charlotte Tumilson

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	Grant No. 32791, App No. CLO059
Location	Lincoln, New Zealand
Descriptor	TG/28/7 April 2003
Period	2016, 2017, 2019
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 (Polycross): Competition Browntop was a polycross of seven breeding lines. Selected over two cycles under grazing in a browntop (*Agrostis* spp) sward. Selections for competitive ability in competition with the aggressive hill country browntop, particularly selections for performance and stolon characteristics in a highly competitive browntop grass sward. Six genotypes per breeding line contributed to the polycross. A balanced bulk was made to produce the line C22623. A further cycle of selection was done for seed production characteristics including inflorescences per plant, seed per inflorescence, leaf size and peduncle height. Breeder: John Ford, Grasslands Innovation Ltd, Palmerston North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	prominence of white leaf marks	medium to strong
Plant	time of flowering	medium

Leaf	size of median leaflet	small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grasslands Bounty'	

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
'Apex'	plant	prominence of white leaf marks	medium	strong	
'Tahora II'	plant	intensity of green colour	very light to light	light to medium	
'Grasslands Prestige'	plant	height	medium	short	

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

Organ/Plant Part: Context	'Hilltop'	'Grasslands Bounty'
☐ Plant: intensity of green colour	medium to dark	
☐ Plant: density of foliage	medium to high	
☐ *Plant: prominence of white leaf marks	medium to strong	
☐ *Plant: time of flowering	medium	
☐ Plant: height	medium to tall	
☐ Plant: width	medium	
☐ Plant: growth habit	medium	
☐ Stem: internode length of stolon	medium to long	
☐ Stem: thickness of stolon	thin to medium	
☐ Leaf: length of petiole	medium	
☐ Leaf: thickness of petiole	thin to medium	
☐ *Leaf: length of median leaflet	short to medium	

☐	*Leaf: width of median leaflet	narrow to medium	
☐	*Leaf: size of median leaflet	small	
☐	*Leaf: ratio of length to width of median leaflet	medium	
☐	Inflorescence: length of peduncle	medium	
☒	Inflorescence: thickness of peduncle	thin	thin to medium
☐	Plant: number of inflorescences	medium to many	
☐	Inflorescence: diameter	medium	

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2015	Granted	'Hilltop'

No prior sale.

Description: **Charlotte Tumilson**, New Zealand

Details of Application

Application Number	2016/041
Variety Name	'Primaris'
Genus Species	*Diplotaxis tenuifolia*
Common Name	Wild Rocket
Accepted Date	11-Mar-2016
Applicant	HM.CLAUSE SA, Portes-Les-Vale, 26802, France
Agent	Spruson & Ferguson, NSW 2000
Qualified Person	Michael Christie

Details of Comparative Trial

Overseas Testing Authority	GEVES (France)
Overseas Data Reference Number	4068104
Location	GEVES Cavaillon (84)
Descriptor	TG/244/1 Rev.2 Wild Rocket (*Diplotaxis tenuifolia*)
Period	05/03/2015 - 15/12/2015
Conditions	Unknown
Trial Design	In accordance with CPVO-TP/244/1
Measurements	In accordance with CPVO-TP/244/1
RHS Chart - edition	N/A

Origin and Breeding

Selection from "source" material: At a research station, wild material was compared with other varieties. The variety of interest was grown in a greenhouse, sewing in 40 holes/plates. Notes were taken on early stage plants (leaves 10-12 cm) for further selection. Plants were transplanted to the field under a plastic house for agronomic trial and comparison. After development of the plants, the following selection criteria were applied: tolerance to bolting, plant habit, power of development, shape and colour of leaves. Plants were carefully selected and manually self-pollinated under an insect-proof greenhouse (genetic fixation). Selection was repeated for 3 generations. The best descendants were selected for seed multiplication under an insect-proof tunnel to produce foundation seed. Development testing was performed with a grower network to confirm interest. Breeder: HM.CLAUSE SA, Portes-Les-Vale, 26802, France.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	anthocyanin colouration of veins	absent
Leaf	length	long
Leaf	width	broad
Leaf	division	medium
Leaf	secondary lobing	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'MONTANA'	
'NATURE'	

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

Organ/Plant Part: Context	'Primaris'	'MONTANA'	'NATURE'
☒ Leaf: attitude	erect to semi-erect	semi erect	horizontal
☐ Leaf: colour of blade	green		green
☐ Leaf: intensity of colour	medium		medium
☒ Leaf: length	short to medium	medium	long
☐ Leaf: width	medium		
☐ Leaf: division	strong		
☐ Leaf: width of primary lobes	narrow		
☐ Leaf: secondary lobing	absent or weak		
☐ Plant: time of flowering	early		
☐ Plant: height at flowering stage	short		

Prior Applications and Sales:

Country	Year	Status	Name Applied
European Union	2014	granted	'PRIMARIS'

First sold in France in Jan 2015

Description: Michael Christie, NSW 2000

GRANTS:

Kiwifruit

'ZES007'
Application No: 2016/119
Applicant: Zespri Group Limited
Certificate No: 6858 Expiry Date:3/05/2048
Agent: Baker McKenzie

Agapanthus praecox ssp orientalis
African Lily,Lily of the Nile,Agapanthus
'ATIsea'
Application No: 2018/242
Applicant: Anthony Tesselaar Plants Pty Ltd
Certificate No: 6894 Expiry Date:20/06/2043

Anigozanthos hybrid
Kangaroo Paw
'Rambocess'
Application No: 2019/121
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6865 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Anigozanthos hybrid
Kangaroo Paw
'Rambofire'
Application No: 2019/122
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6866 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Anigozanthos hybrid
Kangaroo Paw
'Ramboflare'
Application No: 2019/120
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6864 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Anigozanthos hybrid
Kangaroo Paw
'Ramboglow'
Application No: 2019/118
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6862 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Anigozanthos hybrid
Kangaroo Paw
'Ramboprise'
Application No: 2019/117
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6861 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Anigozanthos hybrid
Kangaroo Paw
'Rambozest'
Application No: 2019/119
Applicant: Ramm Botanicals Holdings Pty Ltd
Certificate No: 6863 Expiry Date:15/05/2043
Agent: Ramm Botanicals Holdings Pty Ltd

Armeria pseudarmeria
Thrift
'Dream Clouds'
Application No: 2019/207
Applicant: Plant Growers Australia
Certificate No: 6832 Expiry Date:13/04/2043
Agent: Plants Management Australia Pty. Ltd.

Bituminaria bituminosa
Tedera,Arabian pea,Pitch trefoil
'Palma'
Application No: 2021/091
Applicant: Western Australian Agriculture Authority; Meat & Livestock Australia Limited
Certificate No: 6896 Expiry Date:20/06/2043
Agent: Department of Primary Industries and Regional Development

Coprosma repens
Mirror Plant
'CopAnn05'
Application No: 2020/041
Applicant: Annton Nursery Ltd
Certificate No: 6895 Expiry Date:20/06/2043
Agent: Anthony Tesselaar Plants Pty Ltd

Correa pulchella
Salmon Correa
'COR13017'
Application No: 2018/069
Applicant: Ian Shimmen
Certificate No: 6891 Expiry Date:6/06/2043

Correa pulchella
Salmon Correa
'COR13033'
Application No: 2018/067
Applicant: Ian Shimmen
Certificate No: 6892 Expiry Date:6/06/2043

Cucumis sativus
Cucumber
'SEDAL'
Application No: 2022/043
Applicant: Nunhems B.V.
Certificate No: 6837 Expiry Date:18/04/2043
Agent: Spruson & Ferguson

Dianthus x allwoodii
Pinks
'WP19 CFD Dark Form'
Application No: 2020/197
Applicant: Plant Growers Australia
Certificate No: 6870 Expiry Date:25/05/2043
Agent: Plants Management Australia Pty. Ltd.

Dianthus x allwoodii
Pinks
'WP19 SPCR'
Application No: 2020/198
Applicant: Plant Growers Australia
Certificate No: 6873 Expiry Date:25/05/2043
Agent: Plants Management Australia Pty. Ltd.

Dianthus x allwoodii
Pinks
'WP19SPD Dark Pink'
Application No: 2020/199
Applicant: Plant Growers Australia
Certificate No: 6875 Expiry Date:26/05/2043
Agent: Plants Management Australia Pty. Ltd.

Fragaria xananassa
Strawberry
'Limalexia'
Application No: 2021/095
Applicant: Asparagus Beheer B.V.
Certificate No: 6887 Expiry Date:31/05/2043
Agent: Mountain Blue

Fragaria xananassa
Strawberry
'Red Cleo'
Application No: 2021/146
Applicant: Total Worldfresh Limited
Certificate No: 6890 Expiry Date:31/05/2043
Agent: Mountain Blue

Gardenia augusta
'Parcup'
Application No: 2018/002
Applicant: The Paradise Seed Company Pty Limited
Certificate No: 6828 Expiry Date:6/04/2043

Gardenia augusta
'Parjup'
Application No: 2018/005
Applicant: The Paradise Seed Company Pty Limited
Certificate No: 6831 Expiry Date:6/04/2043

Gardenia augusta
'Partin'
Application No: 2018/004
Applicant: The Paradise Seed Company Pty Limited
Certificate No: 6830 Expiry Date:6/04/2043

Gardenia augusta
'Parwhi'
Application No: 2018/003
Applicant: The Paradise Seed Company Pty Limited
Certificate No: 6829 Expiry Date:6/04/2043

Glycine max
Soybean
'Gwydir'
Application No: 2021/248
Applicant: CSIRO; NSW Department of Primary Industries; Grains Research and Development Corporation
Certificate No: 6846 Expiry Date:24/04/2043
Agent: CSIRO Agriculture and Food

Grevillea hybrid
Grevillea
'GR111'
Application No: 2019/060
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6883 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR119'
Application No: 2019/059
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6882 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR125'
Application No: 2019/057
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6879 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR144'
Application No: 2019/056
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6878 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR151'
Application No: 2019/055
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6877 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea hybrid
Grevillea
'GR85'
Application No: 2019/058
Applicant: Botanic Gardens and Parks Authority
Certificate No: 6881 Expiry Date:26/05/2043
Agent: Quito Pty Ltd trading as Benara Nurseries

Grevillea obtusifolia
'GR120013'
Application No: 2018/026
Applicant: Ian Shimmen
Certificate No: 6885 Expiry Date:30/05/2043

Hordeum vulgare
Barley
'Laperouse'
Application No: 2019/148
Applicant: The University of Adelaide
Certificate No: 6822 Expiry Date:3/04/2043

Lactuca sativa
Lettuce
'CALORINA'
Application No: 2020/151
Applicant: Syngenta Participations AG
Certificate No: 6876 Expiry Date:26/05/2043
Agent: Syngenta Australia Pty. Ltd.

Lactuca sativa
Lettuce
'CORVINAS'
Application No: 2021/274
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6821 Expiry Date:3/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'EXPONENT'
Application No: 2014/115
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6871 Expiry Date:25/05/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'Gradara'
Application No: 2014/004
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6880 Expiry Date:26/05/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'JALONAS'
Application No: 2020/303
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6849 Expiry Date:27/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'OUTBEX'
Application No: 2020/300
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6839 Expiry Date:18/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'RAWLEY'
Application No: 2022/049
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6833 Expiry Date:17/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'SPRINKIN'
Application No: 2021/169
Applicant: Nunhems B.V.
Certificate No: 6820 Expiry Date:3/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'VINCAS'
Application No: 2020/304
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6851 Expiry Date:27/04/2043
Agent: Spruson & Ferguson

Lactuca sativa
Lettuce
'ZAC'
Application No: 2020/302
Applicant: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Certificate No: 6840 Expiry Date:19/04/2043
Agent: Spruson & Ferguson

Lens culinaris
Lentil
'PBA HighlandXT'
Application No: 2019/137
Applicant: Agriculture Victoria Services Pty Ltd; Grains Research and Development Corporation
Certificate No: 6899 Expiry Date:22/06/2043
Agent: PB Seeds Pty Ltd

Magnolia grandiflora
Southern Magnolia
'MG26PM'
Application No: 2017/077
Applicant: Patrick McCracken
Certificate No: 6835 Expiry Date:17/04/2048
Agent: Coolwyn Nurseries Pty Ltd

Magnolia grandiflora
Southern Magnolia
'MGSNCN'
Application No: 2016/253
Applicant: Patrick McCracken
Certificate No: 6834 Expiry Date:17/04/2048
Agent: Coolwyn Nurseries Pty Ltd

Magnolia grandiflora
Southern Magnolia
'MGSSTK'
Application No: 2018/013
Applicant: Timothy Koelewyn
Certificate No: 6836 Expiry Date:17/04/2048
Agent: Coolwyn Nurseries P/L

Malus domestica
Apple
'MC-51'
Application No: 2015/326
Applicant: AD McLean Investments Pty Ltd
Certificate No: 6874 Expiry Date:25/05/2043

Pennisetum clandestinum
Kikuyu grass
'CT5000'
Application No: 2008/183
Applicant: Roy David Eykamp
Certificate No: 6888 Expiry Date:31/05/2043

Pennisetum clandestinum
Kikuyu grass
'Fulkerson'
Application No: 2018/361
Applicant: Eykamp Seeds Pty Ltd; Eycorp Pty Ltd
Certificate No: 6889 Expiry Date:31/05/2043

Prunus avium
Sweet Cherry
'Final 121'
Application No: 2019/049
Applicant: Peter Stoppel
Certificate No: 6900 Expiry Date:26/06/2048
Agent: Eurofins Agroscience Services

Prunus avium
Sweet Cherry
'IFG Cher-ten'
Application No: 2020/292
Applicant: International Fruit Genetics, LLC
Certificate No: 6898 Expiry Date:21/06/2048
Agent: Darron S. Saltzman

Rosa hybrid
'KORgehaque'
Application No: 2019/249
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6844 Expiry Date:19/04/2043
Agent: Midwood Roses Pty Ltd

Rosa hybrid
Rose
'KORgeowim'
Application No: 2017/267
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6838 Expiry Date:18/04/2043
Agent: Treloar Roses

Rosa hybrid
'KORjupvio'
Application No: 2019/246
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6841 Expiry Date:19/04/2043
Agent: Midwood Roses Pty Ltd

Rosa hybrid
Rose
'KORnagelio'
Application No: 2019/247
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6842 Expiry Date:19/04/2043
Agent: Midwood Roses Pty Ltd

Rosa hybrid
'KORpucoblu'
Application No: 2019/250
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6845 Expiry Date:19/04/2043
Agent: Midwood Roses Pty Ltd

Rosa hybrid
Rose
'KORtangwal'
Application No: 2019/248
Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Certificate No: 6843 Expiry Date:19/04/2043
Agent: Midwood Roses Pty Ltd

Saccharum hybrid
Sugarcane
'SRA29'
Application No: 2021/217
Applicant: Sugar Research Australia
Certificate No: 6824 Expiry Date:5/04/2043

Saccharum hybrid
Sugarcane
'SRA31'
Application No: 2021/218
Applicant: Sugar Research Australia
Certificate No: 6825 Expiry Date:5/04/2043

Saccharum hybrid
Sugarcane
'SRA34'
Application No: 2021/219
Applicant: Sugar Research Australia
Certificate No: 6826 Expiry Date:5/04/2043

Saccharum hybrid
Sugarcane
'SRA35'
Application No: 2021/220
Applicant: Sugar Research Australia
Certificate No: 6827 Expiry Date:5/04/2043

Saccharum hybrid
Sugarcane
'SRA36'
Application No: 2021/216
Applicant: Sugar Research Australia
Certificate No: 6823 Expiry Date:3/04/2043

Solanum tuberosum
Potato
'BABY LOU'
Application No: 2020/052
Applicant: Solana GmbH & Co KG
Certificate No: 6853 Expiry Date:28/04/2043
Agent: Fairbanks Selected Seed Co Pty Ltd

Solanum tuberosum
Potato
'CARIBOU RUSSET'
Application No: 2020/207
Applicant: University of Maine System Board of Trustees
Certificate No: 6860 Expiry Date:5/05/2043
Agent: McCain Foods (Aust) Pty Ltd

Solanum tuberosum
Potato
'Crop80'
Application No: 2021/052
Applicant: The New Zealand Institute for Plant and Food Research Limited
Certificate No: 6854 Expiry Date:28/04/2043

Solanum tuberosum
Potato
'Donata'
Application No: 2016/335
Applicant: EUROPLANT Pflanzenzucht GmbH
Certificate No: 6872 Expiry Date:25/05/2043
Agent: Mitolo Group Pty Ltd

Solanum tuberosum
Potato
'EDISON'
Application No: 2020/053
Applicant: Solana GmbH & Co KG
Certificate No: 6856 Expiry Date:28/04/2043
Agent: Fairbanks Selected Seed Co Pty Ltd

Solanum tuberosum
Potato
'EFERA'
Application No: 2021/118
Applicant: Plantera B.V.
Certificate No: 6850 Expiry Date:27/04/2043
Agent: Dowling AgriTech

Solanum tuberosum
Potato
'ETANA'
Application No: 2019/251
Applicant: Bohm-Nordkartoffel Agrarproduktion GmbH & Co. OHG
Certificate No: 6857 Expiry Date:28/04/2043
Agent: Dowling Agritech

solanum tuberosum
Potato
'GRAVITY'
Application No: 2020/152
Applicant: IPM Potato Group Ltd
Certificate No: 6847 Expiry Date:27/04/2043
Agent: IPM Potato Group Ltd

Solanum tuberosum
Potato
'KING RUSSET'
Application No: 2020/085
Applicant: Aardappelkweek - en Selectiebedrijf IJSSELMEERPOLDERS BV
Certificate No: 6859 Expiry Date:5/05/2043
Agent: McCain Foods (Aust) Pty Ltd

Solanum tuberosum
Potato
'LILY ROSE'
Application No: 2021/117
Applicant: Plantera B.V.
Certificate No: 6848 Expiry Date:27/04/2043
Agent: Dowling AgriTech

Solanum tuberosum
Potato
'NOHA'
Application No: 2019/221
Applicant: GERMICOPA BREEDING
Certificate No: 6867 Expiry Date:25/05/2043
Agent: Elders

Solanum tuberosum
Potato
'PAPAGENO'
Application No: 2020/054
Applicant: Solana GmbH & Co KG
Certificate No: 6855 Expiry Date:28/04/2043
Agent: Fairbanks Selected Seed Co Pty Ltd

Solanum tuberosum
Potato
'RICARDA'
Application No: 2017/200
Applicant: EUROPLANT Pflanzenzucht GmbH
Certificate No: 6868 Expiry Date:25/05/2043
Agent: Mitolo Group Pty Ltd

Solanum tuberosum
Potato
'SANIBEL'
Application No: 2017/201
Applicant: EUROPLANT Pflanzenzucht GmbH
Certificate No: 6869 Expiry Date:25/05/2043
Agent: Mitolo Group Pty Ltd

Solanum tuberosum
Potato
'SENSATION-IPM'
Application No: 2020/176
Applicant: IPM Potato Group Ltd
Certificate No: 6852 Expiry Date:27/04/2043
Agent: IPM Potato Group Ltd

Solanum tuberosum
Potato
'Vanilla'
Application No: 2019/145
Applicant: Irish Potato Marketing Ltd
Certificate No: 6893 Expiry Date:8/06/2043

Vaccinium corymbosum hybrid
Blueberry
'C15-268'
Application No: 2021/178
Applicant: Costa Berry International Pty Ltd; Florida Foundation Seed Producers Inc
Certificate No: 6886 Expiry Date:30/05/2043

Vitis labrusca X vinifera
Grape vine
'IFG Twenty-one'
Application No: 2020/248
Applicant: International Fruit Genetics, LLC
Certificate No: 6897 Expiry Date:21/06/2048
Agent: Darron S. Saltzman

Vitis vinifera
Grape vine
'ARRATHIRTYTWO'
Application No: 2017/188
Applicant: ARD LLC (Agricultural Research & Development Limited Liability Company)
Certificate No: 6884 Expiry Date:30/05/2048
Agent: Mr. Stephan Nel

Change of Applicant's Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2020/311	Vaccinium	hybrid	BB06-50FL-1	Southern Highbush Blueberry	Berry Blue, LLC	BB IP Repository, LLC
2020/312	Vaccinium	hybrid	BB05-251MI-14	Southern Highbush Blueberry	Berry Blue, LLC	BB IP Repository, LLC
2020/313	Vaccinium	hybrid	BB06-540FL-12	Southern Highbush Blueberry	Berry Blue, LLC	BB IP Repository, LLC

Applications Rejected

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

Application No.	Genus	Species	Variety	Synonym	Common Name

Applications Withdrawn

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

App. No.	Genus	Species	Common Name	Variety
2015/071	Pittosporum	tenuifolium	Pittosporum	Pom Pom
2018/077	Fuchsia	hybrid	Fuchsia	BRFU 112613
2018/078	Fuchsia	hybrid	Fuchsia	BRFU 103253
2018/227	Cuphea	hyssopifolia	False Heather	Wescufloalo
2018/228	Cuphea	hyssopifolia	False Heather	Wescuflomig
2018/229	Cuphea	hyssopifolia	False Heather	Wescuflodieg
2010/278	Lomandra	confertifolia	Matt Rush	Little Tuffy
2017/191	Aloe	hybrid	Aloe	LEO 6562A
2010/141	Mangifera	indica	Mango	Virginia
2012/097	Acer	rubrum	Swamp Maple	Frank Jr
2012/295	Petunia	hybrid	Petunia	Sunsurfpitora
2014/052	Alstroemeria	hybrid	Peruvian Lily	Koncasweet
2014/053	Alstroemeria	hybrid	Peruvian Lily	Koncavito
2015/095	Alstroemeria	hybrid	Peruvian Lily	Koncheerio
2017/122	Alstroemeria	hybrid	Peruvian Lily	Konwpearls
2017/322	Petunia	hybrida	Petunia	Sunmomoheart
2022/002	Vitis	vinifera	Grape vine	Fiammetta
2022/056	Alstroemeria	hybrid	Peruvian Lily	KONSTEPHAN
2010/142	Mangifera	indica	Mango	Maxima
2018/117	Penstemon	hybrid	Beard Tongue	Yapruby
2018/118	Penstemon	hybrid	Beard Tongue	Yaprose
2018/119	Penstemon	hybrid	Beard Tongue	Yapmine
2010/095	Aloe	hybrid	Aloe	Erik the Red
2011/250	Solanum	betaceum	Tamarillo	Sweeten
2013/125	Tibouchina	x mutabilis	Tibouchina	Illusion
2013/190	Tibouchina	hybrid (organensis x mutabilis)	Tibouchina	Allure
2014/072	Mandevilla	sanderi	Mandevilla	Duemarre
2020/174	Syzygium	australe	Lilly Pilly	PC001

2008/294	xTriticosecale		Triticale	Bogong
2007/247	Calothamnus	quadrifidus	One sided bottlebrush	CalredGL
2007/250	Calothamnus	quadrifidus	One sided bottlebrush	Calgreen1GL
2009/179	Paspalum	vaginatum	Seashore Paspalum	H99-47
2009/180	Eremochloa	ophiuroides	Centipede grass	BA-417
2020/084	Rubus	subg. Eubatus Focke	Blackberry	Columbia Giant
2021/020	Rubus	subg. Rubus	Blackberry	Columbiasunrise
2009/088	Prunus	persica	Peach	Q17-20
2009/089	Prunus	persica	Peach	Q32-59
2009/090	Prunus	persica	Peach	Q53-4
2013/114	Syzygium	hybrid	Lilly Pilly	Little Denise
2018/239	Tibouchina	lepidota x mutabilis	Tibouchina	PurpleStar
2017/129	Mandevilla	hybrid	Mandevilla	Sunparaobu
2010/322	Calibrachoa	hybrid	Calibrachoa	KLECA09208
2010/324	Calibrachoa	hybrid	Calibrachoa	KLECA09204
2022/082	Anisodontea	capensis	Anisodontea	IB609-3
2022/084	Anisodontea	capensis	Anisodontea	IB 710-1
2022/087	Coprosma	repens	Mirror Plant	IB 804-1
2010/060	Ficus	benjamina	Weeping Fig	Green Kinky
2011/173	Agapanthus	hybrid	Agapanthus	Pavlova
2012/035	Medicago	sativa	Lucerne	Patriarca
2022/220	Solanum	tuberosum	Potato	Austin
2020/034	Geranium	pratense		Annette
2021/265	Oryza	sativa	Rice	Savannah Black
2008/358	Chrysanthemum	xmorifolium	Chrysanthemum	MONA LISA SUNNY
2008/359	Chrysanthemum	xmorifolium	Chrysanthemum	MONA LISA YELLOW
2008/360	Chrysanthemum	xmorifolium	Chrysanthemum	MONA LISA SPLENDID
2008/202	Prunus	cerasifera	Flowering Plum	RI-1
2009/307	Ulmus	parvifolia	Chinese Elm	Clive's Baby
2011/138	Liquidambar	styraciflua	Sweet Gum	Little Richard
2012/065	Scaevola	aemula	Fanflower	Cobalt Candles
2020/098	Alstroemeria	hybrid	Peruvian Lily	Zoe
2014/172	Medicago	sativa	Lucerne	GenesisII

2014/317	Medicago	sativa	Lucerne	L71
2014/318	Medicago	sativa	Lucerne	L92
2009/346	Lotus	Australis		LA07

Assignment of Rights

App. No.	Genus	Species	Variety	Common Name	Change From	Change To
2011/087	Chamelaucium	megalopetalum x uncinatum	WX 56	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2011/090	Chamelaucium	megalopetalum x uncinatum	WX 58	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2001/022	Chamelaucium	megalopetalum x uncinatum	Crystal Pearl	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2000/050	Chamelaucium	uncinatum x megalopetalum	Purple Gem	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2001/028	Chamelaucium	megalopetalum x uncinatum	Bridal Pearl	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2011/089	Chamelaucium	hybrid	WX 74	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2003/340	Chamelaucium	hybrid	Laura Mae Pearl	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2011/088	Chamelaucium	uncinatum x megalopetalum	WX 87	Waxflower	Western Australian Agricultural Authority	Botanic Gardens and Parks Authority
2021/181	Rubus	idaeus	EMR 20171	Raspberry	NIAB EMR	NIAB
2021/182	Rubus	idaeus	EMR 20172	Raspberry	NIAB EMR	NIAB

Change/Nomination of Agent

App. No.	Genus	Species	Variety	Change From	Change To
2001/185	Mandevilla	hybrid	Sunmandeho	Oasis Horticulture Pty Limited	Tim Angus
2004/142	Mandevilla	hybrid	Sunmandecrim	Oasis Horticulture Pty Limited	Tim Angus
2004/312	Capsicum	annuum var. annuum	Salsa	Oasis Horticulture Pty Limited	Tim Angus
2004/313	Capsicum	annuum var. annuum	Ebony Fire	Oasis Horticulture Pty Limited	Tim Angus
2004/314	Capsicum	annuum var. annuum	Seville	Oasis Horticulture Pty Limited	Tim Angus
2005/008	Vitis	vinifera	Grapaes	Gilad Sadan	Mr. Stephan Nel
2006/191	Calibrachoa	hybrid	Sunbel-labu	Oasis Horticulture Pty Limited	Tim Angus
2006/220	Festuca	arundinacea	Quantum II		Grasslands Innovation Limited
2007/041	Lolium	hybridum	BQT II		Grasslands Innovation Limited
2007/050	Lolium	perenne	One50		Grasslands Innovation Limited
2007/066	Calibrachoa	hybrid	Sunbelfire	Oasis Horticulture Pty Limited	Tim Angus
2007/067	Calibrachoa	hybrid	Sunbelflam	Oasis Horticulture Pty Limited	Tim Angus
2007/068	Calibrachoa	hybrid	Sunbelsafu	Oasis Horticulture Pty Limited	Tim Angus
2007/181	Mandevilla	hybrid	Sunmanderemi	Oasis Horticulture Pty Limited	Tim Angus
2007/183	Senecio	hybrid	Sunsenebapiba	Oasis Horticulture Pty Limited	Tim Angus
2007/184	Senecio	hybrid	Sunsenebabu	Oasis Horticulture Pty Limited	Tim Angus
2009/114	Senecio	hybrid	Sunsenebaibai	Oasis Horticulture Pty Limited	Tim Angus
2009/116	Verbena	hybrid	Suntapipa	Oasis Horticulture Pty Limited	Tim Angus

2010/232	Mandevilla	hybrid	Sunparabeni	Oasis Horticulture Pty Limited	Tim Angus
2010/293	Calibrachoa	hybrid	Sunbelriki	Oasis Horticulture Pty Limited	Tim Angus
2010/294	Senecio	hybrid	Sunsenepiba	Oasis Horticulture Pty Limited	Tim Angus
2010/297	Mandevilla	hybrid	Sunparapibra	oasis Horticulture Pty Limited	Tim Angus
2011/279	Mandevilla	hybrid	Sunpararenga	Oasis Horticulture Pty Limited	Tim Angus
2011/280	Mandevilla	xamabilis	Sunparamiho	Oasis Horticulture Pty Limited	Tim Angus
2011/288	Calibrachoa	hybrid	Suncalho	Oasis Horticulture Pty Limited	Tim Angus
2011/291	Mandevilla	hybrid	Sunparavel	Oasis Horticulture Pty Limited	Tim Angus
2012/295	Petunia	hybrid	Sunsurfpitora	Oasis Horticulture Pty Limited	Tim Angus
2013/083	Mandevilla	hybrid	Sunpararopi	Oasis Horticulture Pty Limited	Tim Angus
2013/217	Calibrachoa	hybrid	Suncalred	Oasis Horticulture Pty Limited	Tim Angus
2013/219	Calibrachoa	hybrid	Suncallemon	Oasis Horticulture Pty Limited	Tim Angus
2013/221	Brachyscome	hybrid	Bonbra0749	Oasis Horticulture Pty Limited	Tim Angus
2013/223	Mandevilla	hybrid	Sunparacoho	Oasis Horticulture Pty Limited	Tim Angus
2013/231	Scaevola	aemula	Bonsca7200	Oasis Horticulture Pty Limited	Tim Angus
2013/245	Xerochrysum	bracteatum	Bondrelaipi	Oasis Horticulture Pty Limited	Tim Angus
2013/250	Buddleja	hybrid	Blue Chip	Touch of Class Plants Pty Ltd	Proven Winners Australasia Pty Ltd as ttee for Proven Winners Australasia Trust
2013/316	Pericallis	x hybrida	Sunsenekabapi	Oasis Horticulture Pty Limited	Tim Angus
2014/150	Buddleja	hybrid	Pink Micro Chip	Touch of Class Plants Pty Ltd	Proven Winners Australasia Pty Ltd as ttee for Proven

					Winners Australasia Trust
2014/152	Buddleja	hybrid	Purplehaze	Touch of Class Plants Pty Ltd	Proven Winners Australasia Pty Ltd as ttee for Proven Winners Australasia Trust
2014/207	Mandevilla	sanderi	Lanminnesota	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/208	Mandevilla	boliviensis x sanderi	Lanmichigan	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/209	Mandevilla	sanderi	Laniowa	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/210	Mandevilla	sanderi	Lanmontana	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/211	Mandevilla	sanderi	Lannevada	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/212	Mandevilla	sanderi	Lancalifornia	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/214	Mandevilla	amabilis x boliviensis	Lanarizona	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/215	Mandevilla	sanderi	Lanmissouri	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/216	Mandevilla	sanderi	Lanutah	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/217	Mandevilla	sanderi	Lanoregon	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/218	Mandevilla	sanderi	Lanidaho	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2014/222	Vitis	vinifera	Arrathirteen	Gilad Sadan	Mr. Stephan Nel
2014/223	Vitis	vinifera	Arrafifteen	Gilad Sadan	Mr. Stephan Nel
2014/225	Vitis	vinifera	Arranineteen	Gilad Sadan	Mr. Stephan Nel

2015/058	Mandevilla	x amabilis	Sunparacore	Oasis Horticulture Pty Limited	Tim Angus
2015/134	Calibrachoa	sp.	Sunbel 0778	Oasis Horticulture Pty Limited	Tim Angus
2015/140	Calibrachoa	hybrid	Sunbel 0579	Oasis Horticulture Pty Limited	Tim Angus
2015/150	Mangifera	indica	P7	Variety Access Pty Ltd	Clifford Gouldson Lawyers
2015/150	Mangifera	indica	P7	Variety Access Pty Ltd	Clifford Gouldson Lawyers
2016/094	Mandevilla	amabilis hort. X boliviensis (Hook F.) Woodson	Lannorthcarolin a	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2016/095	Mandevilla	amabilis hort. Buckland X boliviensis (Hook F.)	Lanlouisiana	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2016/096	Mandevilla	amabilis hort. Buckland X boliviensis (Hook F.)	Lansouthcarolin a	Propagation Australia Pty Ltd	Australian Horticultural Services Pty Ltd
2017/126	Mandevilla	hybrid	Sunparaosiro	Oasis Horticulture Pty Limited	Tim Angus
2017/128	Mandevilla	hybrid	Sunparrekin	Oasis Horticulture Pty Limited	Tim Angus
2017/129	Mandevilla	hybrid	Sunparaobu	Oasis Horticulture Pty Limited	Tim Angus
2017/130	Scaevola	aemula	Bonsca 1160	Oasis Horticulture Pty Limited	Tim Angus
2017/131	Calibrachoa	hybrid	Sunbel 871	Oasis Horticulture Pty Limited	Tim Angus
2017/134	Euphorbia	hybrid	Bonpri 974	Oasis Horticulture Pty Limited	Tim Angus
2017/135	Scaevola	aemula	Bonsca 1203	Oasis Horticulture Pty Limited	Tim Angus
2017/187	Vitis	vinifera	ARRATHIRTY	Gilad Sadan	Mr. Stephan Nel
2017/188	Vitis	vinifera	ARRATHIRTY TWO	Gilad Sadan	Mr. Stephan Nel
2017/189	Vitis	vinifera	ARRATWENT YNINE	Gilad Sadan	Mr. Stephan Nel
2017/190	Vitis	vinifera	ARRATWENT YEIGHT	Gilad Sadan	Mr. Stephan Nel
2017/320	Xerochrysum	bracteatum	Bondre 1051	Oasis Horticulture Pty Limited	Tim Angus

2017/322	Petunia	hybrida	Sunmomoheart	Oasis Horticulture Pty Limited	Tim Angus
2018/240	Rubus	idaeus	PBBRSP134 8	Spruson & Ferguson	Foote Intellectual Property Limited
2018/241	Rubus	idaeus	PBBRSP138 1	Spruson & Ferguson	Foote Intellectual Property Limited
2019/169	Mandevilla	hybrid	Sunpapri	Oasis Horticulture Pty Limited	Tim Angus
2019/173	Scaevola	aemula	Bonsca 1430	Oasis Horticulture Pty Limited	Tim Angus
2019/174	Scaevola	aemula	Bonsca 1433	Oasis Horticulture Pty Limited	Tim Angus
2019/232	Pericallis	x hybrida	Sunsenegoroku	Oasis Horticulture Pty Limited	Tim Angus
2019/233	Pericallis	x hybrida	Sunsenegonana	Oasis Horticulture Pty Limited	Tim Angus
2020/021	Lactuca	sativa	TRALEX	Rijk Zwaan Australia Pty. Ltd.	Spruson & Ferguson
2020/215	Fragaria	xananassa Duch.	UCD Royal- Royce	Nick Coumbe	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd
2020/216	Fragaria	xananassa Duch.	UCD Victor	Nick Coumbe	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd
2020/217	Fragaria	xananassa Duch.	UCD Valiant	Nick Coumbe	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd
2020/218	Fragaria	xananassa Duch.	UCD Warrior	Nick Coumbe	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd
2020/219	Fragaria	xananassa Duch.	UCD-Moxie	Nick Coumbe	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd

2020/287	Lactuca	sativa	ANDIRON	Rijk Zwaan Australia Pty. Ltd.	Spruson & Ferguson
2020/311	Vaccinium	hybrid	BB06-50FL-1	Griffith Hack	Foote Intellectual Property Limited
2020/312	Vaccinium	hybrid	BB05-251MI- 14	Griffith Hack	Foote Intellectual Property Limited
2020/313	Vaccinium	hybrid	BB06-540FL-12	Griffith Hack	Foote Intellectual Property Limited
2021/038	Vitis	vinifera	ARRATHIRTY THREE	Gilad Sadan	Mr. Stephan Nel
2021/039	Vitis	vinifera	ARRATHIRTY FOUR	Gilad Sadan	Mr. Stephan Nel
2021/080	Rubus	idaeus	Glen Carron	Nick Coumbe	Crop & Nursery Services
2022/189	Xerochrysum	bracteatum	Bonxero 148	Oasis Horticulture Pty Limited	Tim Angus

Denomination Changed

App. No.	Genus	Species	Common name	Change From	Change To
2023/055	Hordeum	vulgare	Barley	CFR2886	Magnate
2023/038	Phormium	tenax	New Zealand Flax	PHOS05	PHOS6
2020/040	Dahlia	x variabilis	Dahlia	71853-09	Hamdapc
2020/140	Citrus	sinensis	Sweet Orange	Onix Blood	Perseida
2023/104	Triticum	Aestivum	Wheat	SUN1161A	Sundancer

Grants Surrendered

The following varieties are surrendered under Section 52 of the Plant Breeder 's Rights Act 1994 and the breeder's rights protection has ceased:

App. No.	Genus	Species	Variety	Synonym	Common name
2015/344	Rhododendron	hybrid	Roblex		Azalea
2015/346	Rhododendron	hybrid	Roblez		Azalea
2013/219	Calibrachoa	hybrid	Suncallemon		Calibrachoa
2013/217	Calibrachoa	hybrid	Suncalred		Calibrachoa
2018/030	Vaccinium	corymbosum	Ridley 1108		Blueberry
2013/141	Calibrachoa	hybrid	USCAL5302M		Calibrachoa
2014/037	Calibrachoa	hybrid	USCAL08501		Calibrachoa
2014/038	Calibrachoa	hybrid	USCAL83901		Calibrachoa
2015/117	Calibrachoa	hybrid	USCAL42202		Calibrachoa
2013/140	Calibrachoa	hybrid	USCAL91001		Calibrachoa
2008/323	Metrosideros	collina	Red Baby		Christmas Bush
2015/034	Hibbertia	racemosa	hiralul2	Racey Rambler	Stalked Guinea Flower
2008/291	Triticum	aestivum	Fortune		Wheat
2018/281	Fragaria	xananassa	Diligent		Strawberry
2011/043	Agapanthus	inapertus	Goldstrike		Agapanthus
2013/183	Begonia	rex	KRBELIF01		Leaf Begonia or Rex Begonia
2012/285	Begonia	xhiemalis	Betulia Candy		Elatior Begonia, Winter-flowering begonia
2017/094	Rubus	idaeus	Versai		Raspberry
2013/099	Chamelaucium	floriferum	Little Lorey		Waxflower
2012/018	Salvia	hybrid	SAL 010-1	Ember's Wish	Sage
2013/185	Begonia	rex	KRBELYF02		Leaf Begonia or Rex Begonia
2013/182	Alstroemeria	hybrid	Little Miss Jessica		Peruvian Lily
2013/181	Alstroemeria	hybrid	Little Miss Emily		Peruvian Lily
2015/140	Calibrachoa	sp.	Sunbel 0579		Calibrachoa
2015/134	Calibrachoa	sp.	Sunbel 0778		Calibrachoa

2013/083	Mandevilla	hybrid	Sunpararopi		Mandevilla
2011/291	Mandevilla	hybrid	Sunparavel		Mandevilla
2011/288	Calibrachoa	hybrid	Suncalho		Calibrachoa
2013/316	Pericallis	x hybrida	Sunsenekabapi		Cineraria
2015/195	Hordeum	vulgare	Kiwi		Barley

Grants Expired

The following varieties have expired under Section 22(2) of the PBR Act 1994 and are no longer under PBR protection:

App. No.	Genus	Species	Common name	Variety
1994/196	Prunus	persica var. nucipersica	Nectarine	VENUS
2001/219	Avena	sativa	Oats	Wintaroo
2002/013	Cichorium	intybus	Chicory	Choice
2002/012	Cichorium	intybus	Chicory	Puna II
1999/335	Boronia	heterophylla x megastigma	Boronia	Purple Jared
2000/050	Chamelaucium	uncinatum x megalopetalum	Waxflower	Purple Gem
2001/131	Rosa	hybrid	Rose	Meisionver
2001/022	Chamelaucium	megalopetalum x uncinatum	Waxflower	Crystal Pearl
1999/316	Rubus	hybrid	Hybrid Blackberry	KARAKA BLACK
2001/304	Triticum	aestivum	Wheat	QAL 2000
2001/091	Pennisetum	alopecuroides	Swamp Foxtail	PA300
2001/221	Triticum	aestivum	Wheat	Wyalkatchem
2001/021	Arachis	hypogaea	Peanut	Menzies

Grants Revoked

The following varieties have been revoked under Section 50 of the Plant Breeder's Rights Act 1994, and are no longer under PBR protection:

App. No.	Genus	Species	Variety	Synonym	Common name
2011/019	Rosa	hybrid	Natubreak	Icebreaker	Rose

Corrigenda

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/265

'NSRED15273'

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was previously published as *Prunus persica* in the notice of acceptance.

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/264

'NSRED15270'

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was previously published as *Prunus persica* in the notice of acceptance.

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/263

'NSRED15265'

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was previously published as *Prunus persica* in the notice of acceptance.

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/262

'NSRED15262'

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was previously published as *Prunus persica* in the notice of acceptance.

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/209

'Royal Pearl'

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was published as *Prunus persica (nucipersica)* in the previously published notice of acceptance.

Nectarine

Prunus persica var. *nucipersica*

Application Number: 2022/200

‘Giant Sugarine’

The botanical name of the variety has been amended to *Prunus persica* var. *nucipersica*. It was published as *Prunus persica nucipersica* in the previously published notice of acceptance.

Australian Government
IP Australia

Appendices

The appendices to *Plant Varieties Journal* **(Vol. 36 Issue 1)** are listed below:

APPENDIX 1 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSON'

The following link https://www.ipaustralia.gov.au/plant-breeders-rights/role-of-a-qualified-person/Qualified-Persons-Directory is the directory of consultant QPs

Appendix 2 – Index of Accredited Non-Consultant Qualified Persons

LAST NAME	CONTACT NAME
Ahmad	Maqbool
Ali	Fawad
Ali	Asjad
Ansari	Omid
Arkinstall	Sean
Austin	Darren
Berryman	Pamela
Bolton	Clair
Box	Amanda
Brown	Emma
Brunt	Charlotte
Buchanan	Peter
Bunker	John
Cameron	Nick
Campbell	David
Cecil	Andrew
Chesher	Wayne
Clayton-Greene	Kevin
Clifton	Hannah
Clingeleffer	Peter
Clothier	Damien
Cogan	Noel
Collins	David
Connolly	Karen
Costin	Russell
Coventry	Stewart
Culvenor	Richard
Cutri	Gaethan

De Barro	James
Dewar	Matthew
Dilag	Calixto
Downe	Graeme
Fidgeon	Jesse
Fitzgibbon	John
Fleming	Rebecca
Gillies	Leanne
Gororo	Nelson
Graetz	Darren
Gunther	Tom
Harmer	Martin
Harrison	Robert
Hobson	Kristy
Hoppo	Suzanne
Jupp	Noel
Kaehne	Ian
Katz	Mark
Kitson	Elizabeth
Kretzschmar	Tobias
Lacey	Kevin
Lee	Jodie
Lee Chang	Kim
Lewis	Hartley
Liu	Ming-Chung
Madsen	Dean
Manson	Daniel
March	Timothy
Materne	Michael
Matthews	Michael
Moisander	Jennifer

Myors	Philip
Neal	Jodi
Newman	Allen
Nichols	Phillip
O’Connor	Daniel
O'Connor	Katie
Pandey	Babu
Peck	David
Peck	Gavin
Pegg	Amelia
Peng	Fei
Pidgeon	Mark
Pike	Elise
Porter	Gavin
Pressler	Craig
Rayner	Kenneth
Real	Daniel
Roche	Matthew
Russell	Dougal
Sabampillai	Mahendraraj
Sayle	Riley
Senior	Michael
Sewell	James
Shunmugam	Arun
Smark	Jordan
Smith	Leigh
Smith	Chris
Snell	Peter
Snelling	Cath
Stiller	Warwick
Sutton	Michael

Tabah	David
Tancred	Stephen
Todd	Peter
Topp	Bruce
Turner	Janice
Turpin	Susanna
Ullah	Smi
Watson	David
Wei	Xianming
Wells	Jenny
Williams	Michelle
Winter	Bruce
Wirthensohn	Michelle
Wright	Graeme

APPENDIX 3

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are available which adds flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

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

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

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

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

REQUESTS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

Conditions and Selection Criteria

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

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again,

dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shade house, tissue culture stations) is desirable.

Experienced staff

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

Industry support

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

Long-term storage of genetic material

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

Contract testing for 3rd Parties

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

Relationship between CTC and 3rd Parties

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

One CTC per genus

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

Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of Accreditation	Next review date
Bureau of Sugar Experiment Stations/Sugar Research Australia	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane Qld	Saccharum	Field, glasshouse, tissue culture, pathology	Clair Bolton	3/06/2020	1/01/2024
Paradise Plants	Kulnura NSW	Camellia, Lavandula, Osmanthus, Ceratopetalum	Field, glasshouse, shade house, irrigation	J. Robb	31/12/1998	1/01/2024
Prescott Roses	Berwick VIC	Rosa	Field, controlled environment	C. Prescott	31/12/1998	1/01/2024
Ramm Botanicals	Kangy Angy NSW	Anigozanthos	Tissue culture, environment controlled greenhouse; extensive outdoor and shade house areas	Hannah Clifton	10/02/2012	1/01/2024
Solan Pty Ltd	Waikerie SA	Solanum tuberosum	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	1/01/2024
Tahune Fields Nursery	Huon Valley, Southern Tasmania	Pome Fruit	Comprehensive equipment and facilities for large scale propagation, growing, conditioning, storage, marketing and transport	G Brown	12/03/2015	1/01/2024

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

APPENDIX 4

REGISTER OF PLANT VARIETIES

The Register of Plant Varieties contains the legal description of varieties granted Plant Breeder's Rights. These details are freely accessible from the PBR search website. A copy of an entry in the Register may be purchased by contacting pbr@ipaustralia.gov.au.

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