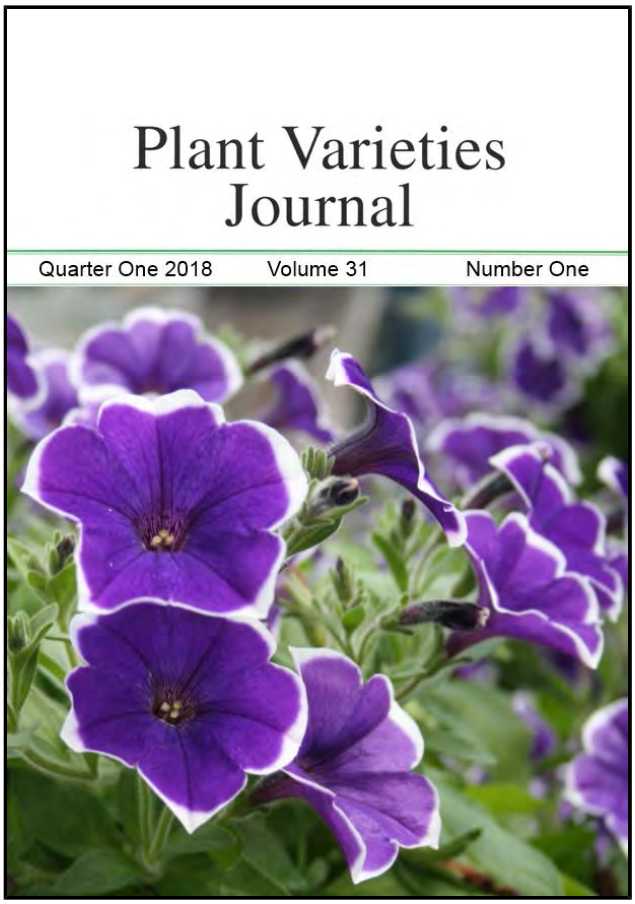

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Part 1 (General Information)

Part 1 of ***Plant Varieties Journal*** provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of ***Plant Varieties Journal*** **(Vol. 31 Issue 1)** are listed below:

- Objections and revocations
- Report on Breeding Issues
- Use of Overseas Data
- PRISMA – A New Tool for Applying for Plant Breeder's Rights
- Requirement to Supply Comparative Varieties
- UPOV Developments
- Obligation under the International Convention for the Protection of New Varieties of Plants 1991 (UPOV91)

Objections and Revocations

Objections to Applications and Requests for Revocation of a Grant or of a Declaration that a Plant Variety is Essentially Derived from Another Plant Variety

The Plant Breeder's Rights scheme is administered consistent with the model law of the *International Convention for the Protection of New Plant Varieties 1991* (UPOV 91), that is, applicants are entitled to protection, in the absence of proof to the contrary.

The Plant Breeder's Rights Office (PBRO) is not required to advocate for the views, assertions, and opinions of persons challenging an application for plant breeder's rights. Those objecting to applications, requesting revocation of a grant, or seeking a declaration that a plant variety is essentially derived from another plant variety should provide sufficient probative evidence to enable the Secretary to be satisfied of their validity of their claims. It cannot be stressed too strongly that all available evidence ought to accompany the application for objection/revocation/declaration at the outset.

Occasionally the PBRO receives comments on applications. The PBRO seeks to give effect to the processes set out in the PBR Act. The Act provides for a formal objection process, and comments are not formal objections. Where members of the public genuinely believe their commercial interests would be affected and that PBR for a proposed variety ought not to be granted, they are encouraged to use the Act's processes, eg. lodging an objection. Comments are simply informal information from the public to a governmental decision maker. The PBRO will generally not engage in further communication with the commentator regarding their comment, although the comment may be valuable in alerting the PBRO to an important matter of which it was previously unaware.

Objections to Applications

A person may make objections to applications for PBR if (i) their commercial interests would be affected adversely, and (ii) the application will not fulfil all the conditions required by the Plant Breeder's Rights Act.

Objections to applications must be lodged with the Registrar no later than six months after the date the description of the variety is published in this journal. The objector must provide evidence of adverse affect on their commercial interests and that the application should not be granted.

The Registrar of the Plant Breeder's Rights Office (PBRO) is required to give a copy of the objection to the applicant. The objection is also available to the general public on request. The applicant has the opportunity to respond to the evidence presented. The Registrar then decides whether or not the objection will be upheld and, subsequently, whether the application will be granted. The PBRO is under no obligation to enter into further dialogue regarding an objection or to communicate reasons why an objection is not upheld. If an

objection is upheld it will be notified in this journal.

A payment of $100 is required on lodgement of the objection. Additional costs of $75 per hour for work undertaken in relation to the objection will be billed to the objector.

Requests for Revocation, (where an individual's interests are affected) of:

- **a Grant**
- **a Declaration that a Plant Variety is Essentially Derived**

A person may, when their interests are affected adversely, apply for the revocation of:

- a grant of PBR; or
- a declaration that a plant variety is essentially derived from another plant variety.

The person requesting revocation is required to lodge a revocation payment fee of $500. The person seeking revocation of a grant or declaration that a plant variety is essentially derived from another plant, must provide conclusive evidence of adverse effect on their interests and that the grant should be revoked.

The PBRO also accepts information regarding revocation of grants and declarations of essentially derived plant varieties. Such information must demonstrate conclusively that a grant or declaration should not have been made. All written information will be acknowledged. The PBRO is under no obligation to enter into further communication regarding information provided.

Report on Breeding Issues

A report providing greater clarification of certain ‘difficult’ and sometimes controversial plant breeding issues has been finalised by a panel of experts. The report defines ‘discovery’, ‘selective propagation’ and ‘eligible breeding’ methodologies as well as canvassing questions and answers to a range of situations. The principal areas covered are the source population and associated issues relating to ownership, location, homogeneity, parentage, boundaries, and selection from variable material. The issue of essentially derived varieties and the relationship between the first and the second breeder(s) is also explored. The Report of the expert panel is available now.

Use of Overseas Data

The section 38 of the PBR Act allows DUS data produced by test growing of plant varieties outside Australia (referred as **overseas test report**) be used in lieu of conducting a test growing in Australia, provided that certain conditions are met; relating to the breeding location, filing of applications, sufficiency of the data and the likelihood that the candidate variety will express the distinctive characteristic(s) in the same way when grown locally.

The overseas test report could be considered where following basic criteria set out in section 38(1) of the PBR Act are met:

a. If a plant variety:

i. was bred outside Australia; or

ii. was bred in Australia but, before an application for PBR was made in Australia, an application for PBR was made in a contracting party other than Australia; and

b. an application under this Act for PBR in the variety has been accepted;

In addition to these basic criteria, one of the criteria set out in following sections 38(2), 38(3), 38(4) or 38(5) of the PBR Act are met:

1. Section 38(2) allows accepting data from an overseas country when there is also a trial for the same variety grown here in Australia.

2. Section 38(3) allows accepting data from an overseas country under a bi-lateral agreement between Australia and that country.

3. Section 38(4) of the PBR Act requires that the overseas test growing is “equivalent” to a test growing of the variety in Australia. An overseas test growing is equivalent to a test growing in Australia when it meets one of the following criteria:

    a. Test growing conducted by a UPOV member state using UPOV technical guidelines for DUS testing ; or

    b. Test growing conducted by a UPOV member state using their harmonised national technical protocols for DUS testing; or

    c. Test growing conducted by a non-UPOV member state using test protocols which are harmonised with standard UPOV technical guidelines for DUS testing ; or

    d. Test growing conducted by the breeder in overseas using UPOV technical guidelines for DUS testing which is supervised and certified by a PBR accredited QP; or

e. Test growing conducted by a competent overseas authority using internationally recognised protocols (particularly under controlled conditions) and certified by a PBR accredited QP.

4. Section 38(5) allows some more flexibility to accept overseas data. This flexibility applies when the test growing requires longer than two years. In such cases the following conditions should be met:

a. test growing of the variety carried out outside Australia has demonstrated that the variety has the particular characteristic; and

b. any test growing of the variety carried out in Australia would probably demonstrate that the variety has that characteristic; and

c. if a test growing of the variety in Australia sufficient to demonstrate whether the variety has that characteristic were to be carried out, it would take longer than 2 years

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Obtaining overseas test report

PBR office coordinates with various overseas testing authorities to obtain their test reports on behalf of the applicants or their agents. A PBR examiner is designated for this purpose as the Test Report Coordinator.

When the overseas test report is available, the Test Report Coordinator prepares an Overseas Test Report Request form for the relevant overseas testing authority.

The PBR office does not bear the cost of the test report charged by the overseas testing authorities. The applicant or their agents must undertake the responsibility for payment. Therefore, the official request form is sent to the applicant or their agents (or sometimes to the QP) for signing the undertaking for payment in accordance with the official request form.

The official request form is returned to the Test Report Coordinator, once the undertaking for payment is signed off.

The Test Report Coordinator then forwards the official request form to the relevant overseas testing authority.

The overseas testing authority sends an invoice directly to the applicant or their agent for the cost of the report. Any invoice sent to the PBR office should be forwarded to the applicant or their agent for payment.

Once the payment is made, the overseas testing authority sends the official copy of the test report to the Test Report Coordinator.

The Test Report Coordinator reviews the test report supplied by the overseas testing authority. When the test report satisfies the criteria outlined in the section 38 of the PBR Act, the Test Report Coordinator sends a copy of the overseas test report to the QP.

Use of overseas test report

The most important consideration for the use of overseas test report is either, the most similar varieties of common knowledge (including those in Australia) have been included in the overseas DUS trial; or the new overseas variety is so clearly distinct from all Australian varieties of common knowledge that further DUS test growing is not warranted.

Sufficient data and descriptive information should be available to publish a detailed description of the variety in an accepted format in the Plant Varieties Journal to satisfy the requirements of the PBR Act. Overseas data can be supplemented with other information, for example from an Australian verification trial.

The applicant/agent and Qualified Person should use the overseas test report to complete Part 2 of the application, making a decision on how to proceed in view of the completeness of the information, the comparators (if any) used in the overseas DUS trial and their knowledge of similar Australian varieties that may not have been included in the overseas test report.

When a description is based on an overseas test report, the Australian PBR will not be granted until after the decision to grant PBR in the country producing the overseas data is made. The final decision on the acceptability of overseas test report rests with the PBR office as the examiner needs to be satisfied that the resultant description and Part 2 application satisfy the requirements of the PBR Act.

Taxa that must be trialled in Australia

It is the policy of PBR office to not accept overseas data for the following taxa due to the wide genotype by environment interactions that have been previously experienced. Varietal descriptions from overseas trials have consistently been different from those obtained from trials grown under Australian conditions. Consequently, for the following taxon a full PBR trial must be conducted in Australia:

- *Solanum tuberosum* (Potato)

PRISMA – A New Tool for Applying for Plant Breeder's Rights

PRISMA is a new tool created by UPOV that allows breeders to submit their PBR applications to any participating PBR authority in a format and language recognised by that authority.

Australian PBR applicants have access to PRISMA to file their applications in Australia or in other participating overseas authorities.

PRISMA has a number of advantages for applicants. Including the ability to assign user roles, re-use information for subsequent applications and facilitate filing in other authorities. More details on the advantages of using PRISMA are outlined in the UPOV release notice attached and includes details on how to access PRISMA as well as a link to further information.

For applicants filing a PBR in Australia, please note the following:

- The application fee still applies ($345 online)
- An eServices account is still required to pay the Application fee. There is now a specific option for making the payment of application by the UPOV: Electronic Application Form (now called PRISMA) on the eServices page .
- Submitting an application through PRISMA replaces the Part 1 Form. The Qualified Person Form, Authorisation of Agent (if required) and photo still need to be provided and can be attached through PRISMA.
- When making the payment please ensure the International Reference Number provided by PRISMA is included. The reference begins with “XU_” and is followed by a 14 digit number .
- After submitting an application through PRISMA the usual confirmation of filing will be sent, normally within two working days.
- Once the application is file through PRISMA then it progresses normally with applications filed by other means.
- If you do not wish to use PRISMA at this time it is still currently possible to submit PBR applications in Australia in the usual manner through eServices.

If you have any further queries on PRISMA contact prisma@upov.int or alternatively, specifically for Australian PBR applications, contact pbr@ipaustralia.gov.au.

Requirement to Supply Comparative Varieties

Once an application has been accepted by the PBR office, it is covered by provisional protection. Also it immediately becomes a 'variety of common knowledge' and thus may be required by others as a comparator for their applications with a higher application number.

Applicants are reminded that they are required to release propagative material for comparative testing provided that the material is used for no other purpose and all material relating to the variety is returned when the trial is complete. The expenses incurred in the provision of material for comparative trials are borne by those conducting the trials.

As the variety is already under provisional protection, any use outside the conditions outlined above would qualify as an infringement and would be dealt with under section 53 of the *Plant Breeder's Rights Act 1994*.

Applicants having difficulties procuring varieties for use in comparative trials are urged to contact the PBR office immediately

UPOV Developments

The purpose of UPOV is to provide and promote an effective system of plant variety protection, with the aim of encouraging the development of new varieties of plants, for the benefit of society.

The list of UPOV members is available online: http://www.upov.int/members/en/

Further Information on UPOV and its activities is available on the website located at http://www.upov.int

The adopted UPOV Technical Guidelines (TG) for testing different plant species are now available for this website at http://www.upov.int/en/publications/tg-rom/index.html

Obligation under the International Convention for the Protection of New Varieties of Plants 1991 (UPOV91)

Consistent with Australia's membership of UPOV 1991, the criteria for the granting of protection under the *Plant Breeder's Rights Act 1994* (PBRA) is that the variety: has a breeder; is new, distinct, uniform and stable; has an acceptable name; and that application formalities are completed and relevant fees payed.

Applicants for protection need to be aware of the existence of any other Australian legislation, which could impact on their intended use of the registered variety. Administrators of other Australian legislation may have an interest in applications for registration notified in this journal.

It is feasible for a new variety to be registered under the PBRA, but, as the PBRA co-exists with other laws of the land, the exercise of the breeder's right may be restricted by such legislation. For example, current legislation may prohibit the use of that variety in food, or, the growing of that variety as a noxious weed.

The Plant Breeder's Rights Office (PBRO) advises that it is the responsibility of the applicant and of administrators of legislation to take these matters up directly between the responsible parties and not with the PBRO.

Australian Government
IP Australia

Part 2 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 Part 2 Public Notices pages of ***Plant Varieties Journal*** (**Vol. 31 Issue 1**) are listed below:

ACCEPTANCE

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

Punica granatum

POMEGRANATE

‘YAIN’

Application No: 2017/323 Accepted: 02 Jan 2018
Applicant: **Zamiri Nurseries Ltd.**.
Agent: **Australian Pomegranate Growers Pty Ltd**, Balaclava, VIC.

Rubus idaeus

RASPBERRY

‘Enrosadira’

Application No: 2017/050 Accepted: 03 Jan 2018
Applicant: **Gilberto Molari and Aldo Teclh**.
Agent: **Hydroberry Plants Pty Ltd**, Wandin, VIC.

Fragaria xananassa

STRAWBERRY

‘AYA 1’

Application No: 2017/206 Accepted: 03 Jan 2018
Applicant: **Efraim Yosef**.
Agent: **Eurofins Agroscience Services Pty Ltd**, Shepparton, VIC.

Rubus idaeus

RASPBERRY

‘Castion’

Application No: 2017/334 Accepted: 03 Jan 2018
Applicant: **Gilberto Molari and Aldo Teclh**.
Agent: **Hydroberry Plants Pty Ltd**, Wandin, VIC.

Fragaria xananassa

STRAWBERRY

‘Peles’

Application No: 2017/207 Accepted: 04 Jan 2018
Applicant: **Efraim Yosef**.
Agent: **Eurofins Agroscience Services Pty Ltd**, Shepparton, VIC.

Lactuca sativa L.

LETTUCE

‘THORFLASH’

Application No: 2017/257 Accepted: 04 Jan 2018
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

Macadamia integrifolia

MACADAMIA

‘MIV1-P’

Application No: 2017/280 Accepted: 04 Jan 2018
Applicant: **State of Queensland**, Dutton Park, QLD.

Prunus persica

PEACH

‘Sauzee Lady’

Application No: 2017/341 Accepted: 04 Jan 2018
Applicant: **Zaiger's Inc. Genetics**.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Glycine max

SOYBEAN

‘Mossman HB1’

Application No: 2017/331 Accepted: 09 Jan 2018
Applicant: **CSIRO, Grains Research and Development Corporation, NSW DPI**, St Lucia, QLD.

Combretum indicum

‘Jessies Blush’

Application No: 2017/309 Accepted: 15 Jan 2018
Applicant: **Kristen Mathews**.
Agent: **Junatok Pty Ltd**, Verrierdale, QLD.

Combretum indicum

‘Jessies Star’

Application No: 2017/308 Accepted: 15 Jan 2018
Applicant: **Kristen Mathews**.
Agent: **Junatok Pty Ltd**, Verrierdale, QLD.

Combretum indicum

‘Jessies Love’

Application No: 2017/307 Accepted: 15 Jan 2018
Applicant: **Kristen Mathews**.
Agent: **Junatok Pty Ltd**, Verrierdale, QLD.

Vicia faba

FIELD BEAN

‘IX486/7-6’

Application No: 2017/321 Accepted: 15 Jan 2018
Applicant: **The University of Adelaide, Grains Research and Development Corporation**.
Agent: **The University of Adelaide**, Adelaide, SA.

Allium porrum

LEEK

‘Chiefton’

Application No: 2018/007 Accepted: 30 Jan 2018
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

Gardenia augusta

‘Parjup’

Application No: 2018/005 Accepted: 30 Jan 2018
Applicant: **The Paradise Seed Company Pty Limited**, Kariong, NSW.

Gardenia augusta

‘Parcup’

Application No: 2018/002 Accepted: 30 Jan 2018
Applicant: **The Paradise Seed Company Pty Limited**, Kariong, NSW.

Gardenia augusta

‘Parwhi’

Application No: 2018/003 Accepted: 30 Jan 2018
Applicant: **The Paradise Seed Company Pty Limited**, Kariong, NSW.

Gardenia augusta

‘Partin’

Application No: 2018/004 Accepted: 30 Jan 2018
Applicant: **The Paradise Seed Company Pty Limited**, Kariong, NSW.

Olea europaea

OLIVE

‘NA002’

Application No: 2010/155 Accepted: 01 Feb 2018
Applicant: **Elaeocarpus Olive Estate Pty Ltd**.
Agent: **Robert Vowles**, Romsey, VIC.

Rhaphiolepis indica

INDIAN HAWTHORN

‘PC2’ syn Little Bliss

Application No: 2017/299 Accepted: 05 Feb 2018
Applicant: **Pinecrest Nursery**, Laurieton, NSW.

Mandevilla x amabilis

MANDEVILLA

‘Sunparacore’

Application No: 2015/058 Accepted: 05 Feb 2018
Applicant: **Suntory Flowers Pty Limited**.
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Vigna unguiculata

COWPEA

‘MLR-023’

Application No: 2018/018 Accepted: 09 Feb 2018
Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Triticum aestivum

WHEAT

‘Borlaug 100’

Application No: 2017/296 Accepted: 12 Feb 2018
Applicant: **Rebel Seeds Pty Ltd**, Toowoomba, QLD.

Prunus avium

SWEET CHERRY

‘Nimba’

Application No: 2018/017 Accepted: 13 Feb 2018
Applicant: **SMS Unlimited LLC**.
Agent: **Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Malus domestica

APPLE

‘Kizuri’

Application No: 2018/012 Accepted: 20 Feb 2018
Applicant: **Better3fruit NV**.
Agent: **Garry Langford**, Grove, TAS.

Malus domestica

‘Luresweet’

Application No: 2018/021 Accepted: 20 Feb 2018
Applicant: **Fruture GmbH**.
Agent: **Red Love Apples Pty Ltd**, Lenswood, SA.

Malus domestica

APPLE

‘Luregust’

Application No: 2018/020 Accepted: 20 Feb 2018
Applicant: **Fruture GmbH**.
Agent: **Red Love Apples Pty Ltd**, Lenswood, SA.

Vitis vinifera

GRAPE VINE

‘Red Beauty’

Application No: 2015/327 Accepted: 20 Feb 2018
Applicant: **Juan E. Concha Ureta**.
Agent: **Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Citrus glauca

DESERT LIME

‘Standout’

Application No: 2018/015 Accepted: 20 Feb 2018
Applicant: **Canebridge Pty Ltd**, Roma, QLD.

Triticum aestivum

WHEAT

‘Razor CL Plus’

Application No: 2018/006 Accepted: 21 Feb 2018
Applicant: **Australian Grain Technologies Pty Ltd**, Glen Osmond, SA.

Capsicum annuum

SWEET PEPPER

‘SV0872PB’

Application No: 2018/011 Accepted: 21 Feb 2018
Applicant: **Seminis Vegetable Seeds, Inc.**.
Agent: **Monsanto Australia Limited**, St Kilda Central, VIC.

Capsicum annuum

SWEET PEPPER

‘SVPB3835’

Application No: 2018/010 Accepted: 21 Feb 2018
Applicant: **Seminis Vegetable Seeds, Inc.**.
Agent: **Monsanto Australia Limited**, St Kilda Central, VIC.

Triticum turgidum subsp durum

DURUM WHEAT

‘DBA Artemis’ syn Artemis

Application No: 2017/262 Accepted: 23 Feb 2018
Applicant: **The University of Adelaide, Grains Research and Development Corporation (GRDC)**, Adelaide, SA.

Aloe hybrid

ALOE

‘LEO 6562A’

Application No: 2017/191 Accepted: 23 Feb 2018
Applicant: **Leo Peter Erik Thamm**.
Agent: **Michael Dent**, Taringa, QLD.

Triticum turgidum subsp durum

DURUM WHEAT

‘DBA Spes’ syn Spes

Application No: 2017/261 Accepted: 23 Feb 2018
Applicant: **The University of Adelaide, Grains Research and Development Corporation (GRDC)**, Adelaide, SA.

Linum usitatissimum

‘McCubbin’

Application No: 2018/008 Accepted: 28 Feb 2018
Applicant: **Austgrains Pty Ltd**.
Agent: **Christopher Arnold Bluett**, Buninyong, VIC.

Grevillea obtusifolia

‘GR120013’ syn Gin Gin Jewel

Application No: 2018/026 Accepted: 28 Feb 2018
Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Lactuca sativa

LETTUCE

‘Dark Knight’

Application No: 2018/022 Accepted: 28 Feb 2018
Applicant: **Vilmorin**.
Agent: **Shelston IP**, Sydney, NSW.

Lactuca sativa

LETTUCE

‘Tawrrific’

Application No: 2018/023 Accepted: 28 Feb 2018
Applicant: **Vilmorin**.
Agent: **Shelston IP**, Sydney, NSW.

Rubus subgenus Eubatus Focke

HYBRID BLACKBERRY

‘Von’

Application No: 2017/343 Accepted: 28 Feb 2018
Applicant: **North Carolina State University**.
Agent: **Davies Collison Cave**, Melbourne, VIC.

Vaccinium hybrid

SOUTHERN HIGHBUSH BLUEBERRY

‘Ridley 1607’

Application No: 2017/245 Accepted: 01 Mar 2018
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindendale, NSW.

Westringia hybrid

VIOLET WESTRINGIA

‘WES002’ syn Mauve Skies

Application No: 2017/198 Accepted: 01 Mar 2018
Applicant: **Peter Goldup**.
Agent: **Bushland Flora Pty Ltd**, Mount Evelyn, VIC.

Linum usitatissimum

LINSEED

‘Streeton’

Application No: 2018/009 Accepted: 01 Mar 2018
Applicant: **Austgrains Pty Ltd**.
Agent: **Christopher Arnold Bluett**, Buninyong, VIC.

Phalaris aquatica

PHALARIS

‘Horizon’

Application No: 2018/028 Accepted: 02 Mar 2018
Applicant: **CSIRO Agriculture and Food**, Canberra, ACT.

Rosa hybrid

ROSE

‘KORgeowim’

Application No: 2017/267 Accepted: 08 Mar 2018
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Rosa hybrid

ROSE

‘KORtekcho’

Application No: 2017/266 Accepted: 08 Mar 2018
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Glycine max

SOYBEAN

‘New Bunya HB1’

Application No: 2018/031 Accepted: 08 Mar 2018
Applicant: **CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries**, St Lucia, QLD.

Citrus limon

LEMON

‘Benjamin Andes’

Application No: 2017/311 Accepted: 08 Mar 2018
Applicant: **Benjamin Garcia-Huidoboro Matte**.
Agent: **Alison MacGregor**, Mildura, VIC.

Vaccinium corymbosum

BLUEBERRY

‘Ridley 1108’

Application No: 2018/030 Accepted: 08 Mar 2018
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindendale, NSW.

Glycine max

SOYBEAN

‘Kuranda HB1’

Application No: 2018/032 Accepted: 08 Mar 2018
Applicant: **CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries**, St Lucia, QLD.

Agapanthus orientalis

AGAPANTHUS, AFRICAN LILY

‘PMB017’

Application No: 2018/014 Accepted: 09 Mar 2018
Applicant: **Pine Mountain Botanics Pty Ltd**.
Agent: **Australian Horticultural Services Pty Ltd**, Wonga Park, VIC.

Tibouchina hybrid

TIBOUCHINA

‘Foxxy Baby’

Application No: 2018/041 Accepted: 15 Mar 2018
Applicant: **Terence Charles Keogh**.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, Tas.

Malus domestica

APPLE

‘RM-1’

Application No: 2018/054 Accepted: 16 Mar 2018
Applicant: **Red Moon GmbH**.
Agent: **Page Family Nurseries Pty Ltd trading as TANGARA NURSERY**, Grove, TAS.

Malus domestica

APPLE

‘RS1’

Application No: 2018/053 Accepted: 16 Mar 2018
Applicant: **Red Moon GmbH**.
Agent: **Page Family Nurseries Pty Ltd trading as TANGARA NURSERY**, Grove, TAS.

Alstroemeria hybrid

PERUVIAN LILY

‘Little Miss Jessica’

Application No: 2013/182 Accepted: 19 Mar 2018
Applicant: **Wulfinghoff Alstroemeria B.V.**.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

Alstroemeria hybrid

PERUVIAN LILY

‘Little Miss Emily’

Application No: 2013/181 Accepted: 19 Mar 2018
Applicant: **Wulfinghoff Alstroemeria B.V.**.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

Fragaria xananassa

STRAWBERRY

‘Scarlet-silk’

Application No: 2018/050 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘Venus-ASBP’

Application No: 2018/049 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘Jubilee-ASBP’

Application No: 2018/048 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘Meadowsong’

Application No: 2018/047 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘Fanfare-ASBP’

Application No: 2018/045 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘Rosalie-ASBP’

Application No: 2018/044 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Vitis vinifera

GRAPE VINE

‘Pluto’ syn Stargrape 1

Application No: 2018/037 Accepted: 21 Mar 2018
Applicant: **Stargrow Cultivar Development Pty Ltd**.
Agent: **Alison MacGregor**, Mildura, VIC.

Fragaria xananassa

STRAWBERRY

‘Summer Song’

Application No: 2018/046 Accepted: 21 Mar 2018
Applicant: **State of Queensland, Horticulture Innovation Australia Ltd**, Brisbane, QLD.

Correa pulchella

SALMON CORREA

‘COR13017’

Application No: 2018/069 Accepted: 26 Mar 2018
Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Grevillea hybrid

GREVILLEA

‘GR70’ syn Coverall

Application No: 2017/186 Accepted: 26 Mar 2018
Applicant: **Botanic Gardens and Parks Authority**.
Agent: **Quito Pty Ltd trading as Benara Nurseries**, Carabooda, WA.

Grevillea hybrid

GREVILLEA

‘GR36’ syn Brush Tail Red

Application No: 2017/185 Accepted: 26 Mar 2018
Applicant: **Botanic Gardens and Parks Authority**.
Agent: **Quito Pty Ltd trading as Benara Nurseries**, Carabooda, WA.

Correa pulchella

SALMON CORREA

‘COR13008’

Application No: 2018/071 Accepted: 26 Mar 2018
Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Correa pulchella

SALMON CORREA

‘COR13011’

Application No: 2018/072 Accepted: 26 Mar 2018
Applicant: **Ian Shimmen**, Mount Evelyn, VIC.

Solanum tuberosum

POTATO

‘Amigo-590.02.7’

Application No: 2018/016 Accepted: 26 Mar 2018
Applicant: **Station de Recherche du Comite Nord**.
Agent: **McCain Foods (Aust) Pty Ltd**, Wendouree, VIC.

Variety Descriptions

Common (Genus Species)	Variety	Title Holder
Kiwifruit *(Actinidia chinensis)*	Skelton A19	ENZAFRUIT New Zealand International Limited
Leek *(Allium porrum)*	Chiefton	Nunhems B.V.
(Cotyledon orbiculata)	Ace of Spades	The Great Australian Succulent Company Pty Ltd
Melon *(Cucumis melo)*	SENSE 181	Nunhems B.V., Laboratoire ASL
Cucumber *(Cucumis sativus)*	Sepire	Nunhems B.V.
Cocksfoot *(Dactylis glomerata)*	Savvy	Grasslands Innovation Ltd.
(Echeveria gibbiflora)	Blade Runner	The Great Australian Succulent Company Pty Ltd
Tall Fescue *(Festuca arundinacea)*	Quantum II	PGG Wrightson Seeds Ltd
Chinese Hibiscus *(Hibiscus rosa-sinensis)*	Arionicus	Poul Graff
Chinese Hibiscus *(Hibiscus rosa-sinensis)*	Athenacus	Poul Graff
Hydrangea *(Hydrangea macrophylla)*	Freedom	Ryoji Irie
Hydrangea *(Hydrangea macrophylla)*	Peace	Ryojie Irie

Hydrangea *(Hydrangea paniculata)*	Rendia	Jean Renault
Lettuce *(Lactuca sativa)*	Ralph	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lettuce *(Lactuca sativa)*	Chicarita	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lettuce *(Lactuca sativa)*	Thatcher	Nunhems B.V.
Lettuce *(Lactuca sativa)*	Olgada	Nunhems B.V.
Lettuce *(Lactuca sativa)*	Multired 98	Nunhems B.V.
Lettuce *(Lactuca sativa)*	Lotus	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Lettuce *(Lactuca sativa)*	Metalia	Nunhems B.V.
Lily *(Lilium hybrid)*	Zambesi	Mak Breeding Rights B.V.
Perennial Ryegrass *(Lolium perenne)*	Rely	Grasslands Innovation Limited
Apple *(Malus domestica)*	WA 2	Washington State University Office of Commercialization
Apple *(Malus domestica)*	SQ 159	Stichting Wageningen Research - Wageningen Plant Research
Christmas Bush *(Metrosideros collina)*	Little Ewan	Terence Charles Keogh
Orange Jasmine *(Murraya paniculata)*	Hip High	Terence Charles Keogh
Cherry *(Prunus hybrid)*	Gi 2091	Consortium Deutscher Baumschulen GmbH
Hybrid Blackberry *(Rubus subgenus Rubus)*	DrisBlackSix	Driscoll's, Inc.
Sugarcane *(Saccharum hybrid)*	SRA9	Sugar Research Australia Limited
Sugarcane *(Saccharum hybrid)*	SRA10	Sugar Research Australia Limited
Potato *(Solanum tuberosum)*	Crop82	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop55	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop85	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum*	Crop59	The New Zealand Institute for Plant and Food Research

tuberosum)		Limited
Potato *(Solanum tuberosum)*	Crop49	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop39	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop34	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop31	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop77	The New Zealand Institute for Plant and Food Research Limited
Potato *(Solanum tuberosum)*	Crop56	The New Zealand Institute for Plant and Food Research Limited
Spinach *(Spinacia oleracea)*	Hydrus	Nunhems B.V.
Tulbaghia *(Tulbaghia hybrid)*	Starburst	Plant Growers Australia Pty Ltd
Blueberry *(Vaccinium corymbosum)*	ZF06-079	The Conard-Pyle Company
Blueberry *(Vaccinium corymbosum)*	ZF06-043	The Conard-Pyle Company
Blueberry *(Vaccinium corymbosum)*	DrisBlueNine	Driscoll's, Inc.
Blueberry *(Vaccinium corymbosum)*	DrisBlueFifteen	Driscoll's, Inc.
Blueberry *(Vaccinium corymbosum x angustifolium)*	ZF06-179	The Conard-Pyle Company
Grape vine *(Vitis vinifera)*	Sugrathirtyfour	Sun World International LLC
Grape vine *(Vitis vinifera)*	SUGRATHIRTYFIVE	Sun World International LLC
Grape vine *(Vitis vinifera)*	Sugrathirtyeight	Sun World International, LLC

(Cotyledon orbiculata)

Variety: 'Ace of Spades'
Synonym: N/A

Application no: 2017/171
Current status: ACCEPTED
Certificate no: N/A
Received: 06-Jun-2017
Accepted: 04-Jul-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: The Great Australian Succulent Company Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

View the detailed description of this variety.


'Ace of Spades' 'Macrantha'
'Ace of Spades' 'Macrantha'

(Echeveria gibbiflora)

Variety: 'Blade Runner'
Synonym: N/A

Application no: 2017/172
Current status: ACCEPTED
Certificate no: N/A
Received: 06-Jun-2017
Accepted: 04-Jul-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: The Great Australian Succulent Company Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

View the detailed description of this variety.


'Blade Runner'
'Topsy Turvey'
'Blade Runner'
'Topsy Turvey'

Apple *(Malus domestica)*

Variety:	'WA 2'
Synonym:	N/A
Application no:	2014/126
Current status:	ACCEPTED
Certificate no:	N/A
Received:	26-Jun-2014
Accepted:	21-Jul-2015
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Washington State University Office of Commercialization
Agent:	Grahams Factree
Telephone:	03 9999199
Fax:	0359674645

View the detailed description of this variety.

Apple *(Malus domestica)*

Variety:	'SQ 159'
Synonym:	N/A
Application no:	2016/081
Current status:	ACCEPTED
Certificate no:	N/A
Received:	30-Mar-2016
Accepted:	10-Jun-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Stichting Wageningen Research - Wageningen Plant Research
Agent:	Fisher Adams Kelly Callinan
Telephone:	N/A
Fax:	N/A

View the detailed description of this variety.

Blueberry *(Vaccinium corymbosum)*

Variety: 'ZF06-079'
Synonym: N/A

Application no: 2013/321
Current status: ACCEPTED
Certificate no: N/A
Received: 23-Dec-2013
Accepted: 31-Jan-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: The Conard-Pyle Company
Agent: A J Park
Telephone: 0444983409
Fax: N/A

View the detailed description of this variety.

Blueberry *(Vaccinium corymbosum)*

Variety: 'ZF06-043'
Synonym: N/A

Application no: 2013/322
Current status: ACCEPTED
Certificate no: N/A
Received: 23-Dec-2013
Accepted: 31-Jan-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: The Conard-Pyle Company
Agent: A J Park
Telephone: 0444983409
Fax: N/A

View the detailed description of this variety.

Blueberry *(Vaccinium corymbosum)*

Variety: 'DrisBlueNine'
Synonym: N/A

Application no: 2014/070
Current status: ACCEPTED
Certificate no: N/A
Received: 17-Apr-2014
Accepted: 06-May-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Driscoll's, Inc.
Agent: AJ Park
Telephone: 6444740893
Fax: 6444723358

View the detailed description of this variety.

Blueberry *(Vaccinium corymbosum)*

Variety: 'DrisBlueFifteen'
Synonym: N/A

Application no: 2016/297
Current status: ACCEPTED
Certificate no: N/A
Received: 31-Oct-2016
Accepted: 29-Mar-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Driscoll's, Inc.
Agent: AJ Park
Telephone: 6444740893
Fax: 6444723358

View the detailed description of this variety.

Blueberry *(Vaccinium corymbosum x angustifolium)*

Variety: 'ZF06-179'
Synonym: N/A

Application no: 2013/320
Current status: ACCEPTED
Certificate no: N/A
Received: 23-Dec-2013
Accepted: 31-Jan-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: The Conard-Pyle Company
Agent: A J Park
Telephone: 0444983409
Fax: N/A

View the detailed description of this variety.

Cherry *(Prunus hybrid)*

Variety:	'Gi 2091'
Synonym:	N/A
Application no:	2017/268
Current status:	ACCEPTED
Certificate no:	N/A
Received:	05-Sep-2017
Accepted:	07-Nov-2017
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Consortium Deutscher Baumschulen GmbH
Agent:	Allens Patent & Trade Mark Attorneys
Telephone:	0292304622
Fax:	N/A

View the detailed description of this variety.

Chinese Hibiscus *(Hibiscus rosa-sinensis)*

Variety: 'Arionicus'
Synonym: Arion

Application no: 2013/039
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Feb-2013
Accepted: 29-May-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Poul Graff
Agent: Sprint Horticulture
Telephone: 0243731001
Fax: 0243731004

View the detailed description of this variety.

Chinese Hibiscus *(Hibiscus rosa-sinensis)*

Variety:	'Athenacus'
Synonym:	N/A
Application no:	2013/040
Current status:	ACCEPTED
Certificate no:	N/A
Received:	07-Feb-2013
Accepted:	24-Sep-2013
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Poul Graff
Agent:	Sprint Horticulture
Telephone:	0243731001
Fax:	0243731004

View the detailed description of this variety.

Christmas Bush *(Metrosideros collina)*

Variety:	'Little Ewan'
Synonym:	N/A
Application no:	2016/002
Current status:	ACCEPTED
Certificate no:	N/A
Received:	04-Jan-2016
Accepted:	05-Feb-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Terence Charles Keogh
Agent:	N/A
Telephone:	0738299608
Fax:	N/A

View the detailed description of this variety.

Cocksfoot *(Dactylis glomerata)*

Variety:	'Savvy'
Synonym:	N/A
Application no:	2012/229
Current status:	ACCEPTED
Certificate no:	N/A
Received:	25-Oct-2012
Accepted:	09-Aug-2013
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Grasslands Innovation Ltd.
Agent:	Griffith Hack
Telephone:	0732217200
Fax:	0732211245

View the detailed description of this variety.

Cucumber *(Cucumis sativus)*

Variety:	'Sepire'
Synonym:	N/A
Application no:	2017/089
Current status:	ACCEPTED
Certificate no:	N/A
Received:	11-Apr-2017
Accepted:	04-May-2017
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Grape vine *(Vitis vinifera)*

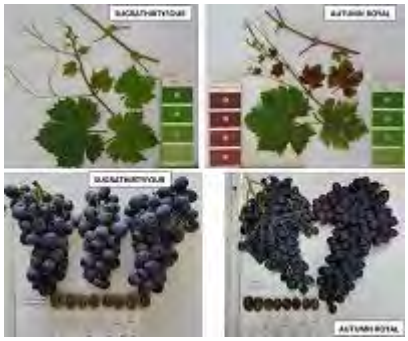
Variety: 'Sugrathirtyfour'
Synonym: SG34

Application no: 2009/205
Current status: ACCEPTED
Certificate no: N/A
Received: 24-Aug-2009
Accepted: 29-Oct-2009
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Sun World International LLC
Agent: Corrs Chambers Westgarth
Telephone: 0396723148
Fax: 0396723010

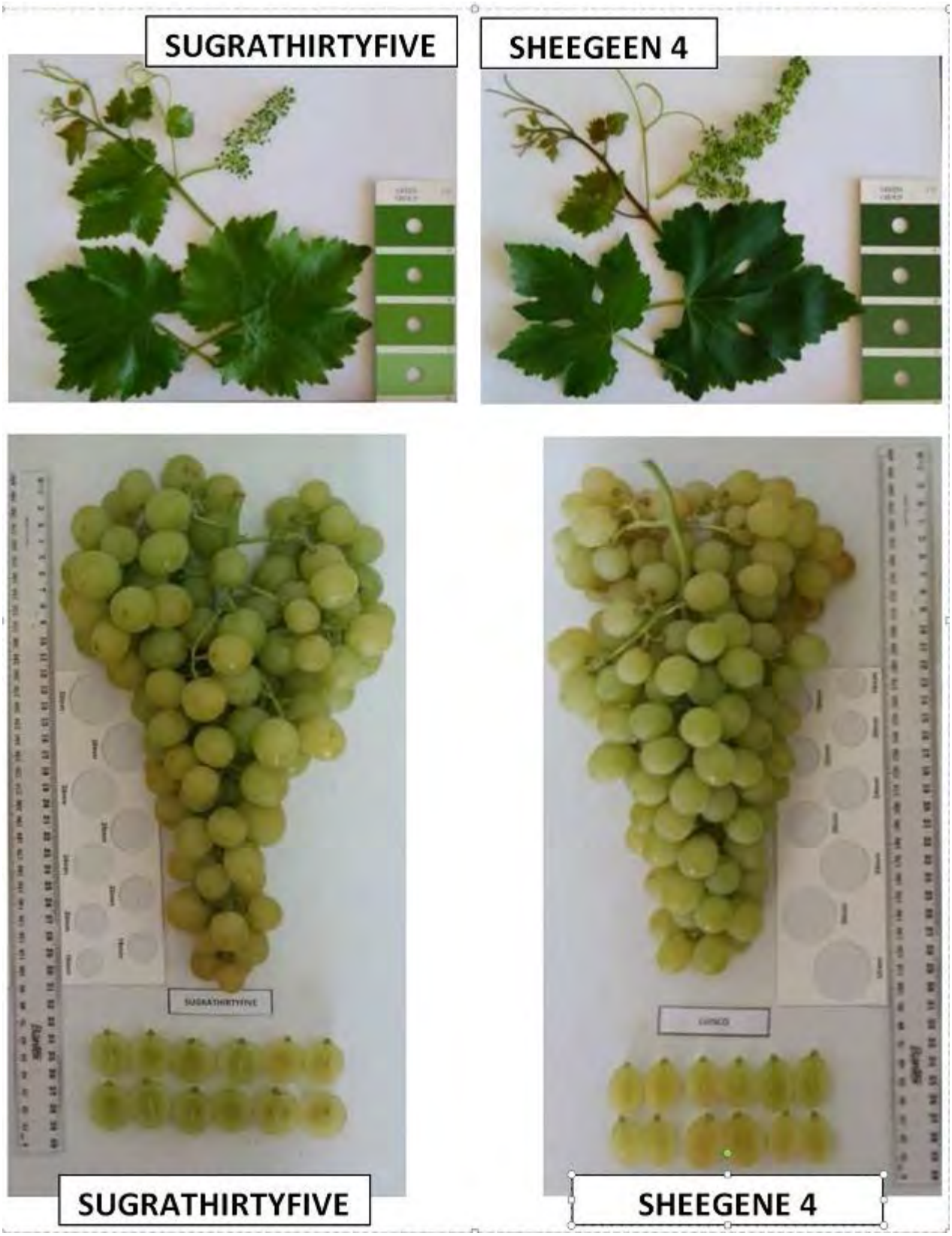
View the detailed description of this variety.



Grape vine *(Vitis vinifera)*

Variety:	'SUGRATHIRTYFIVE'
Synonym:	SUGRA35
Application no:	2011/240
Current status:	ACCEPTED
Certificate no:	N/A
Received:	16-Nov-2011
Accepted:	22-Nov-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Sun World International LLC
Agent:	Corrs Chambers Westgarth
Telephone:	0396723148
Fax:	0396723010

View the detailed description of this variety.


SUGRATHIRTYFIVE
SHEEGEEN 4
SUGRATHIRTYFIVE
SHEEGENE 4

Grape vine *(Vitis vinifera)*

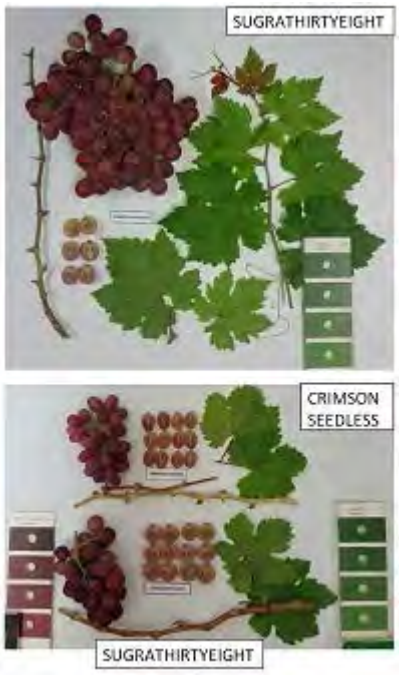
Variety: 'Sugrathirtyeight'
Synonym: Sugra38

Application no: 2014/046
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Mar-2014
Accepted: 21-Mar-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Sun World International, LLC
Agent: Corrs Chambers Westgarth
Telephone: 0396723148
Fax: 0396723010

View the detailed description of this variety.



Hybrid Blackberry *(Rubus subgenus Rubus)*

Variety:	'DrisBlackSix'
Synonym:	N/A
Application no:	2014/001
Current status:	ACCEPTED
Certificate no:	N/A
Received:	09-Jan-2014
Accepted:	22-Jan-2014
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Driscoll's, Inc.
Agent:	Phillips Ormonde & Fitzpatrick
Telephone:	0396222287
Fax:	0396141867

View the detailed description of this variety.

Hydrangea *(Hydrangea macrophylla)*

Variety:	'Freedom'
Synonym:	N/A
Application no:	2014/066
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Apr-2014
Accepted:	05-Jun-2014
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Ryoji Irie
Agent:	Plants Management Australia Pty Ltd
Telephone:	0362659050
Fax:	0362659919

View the detailed description of this variety.

Hydrangea *(Hydrangea macrophylla)*

Variety: 'Peace'
Synonym: N/A

Application no: 2014/064
Current status: ACCEPTED
Certificate no: N/A
Received: 10-Apr-2014
Accepted: 05-Jun-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Ryojie Irie
Agent: Plants Management Australia Pty. Ltd.
Telephone: 0362659050
Fax: 0362659919

View the detailed description of this variety.

Hydrangea *(Hydrangea paniculata)*

Variety: 'Rendia'
Synonym: Diamondrouge

Application no: 2015/064
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Apr-2015
Accepted: 24-Apr-2015
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: Jean Renault
Agent: Plants Management Australia Pty. Ltd.
Telephone: 0362659050
Fax: 0362659919

View the detailed description of this variety.

Kiwifruit *(Actinidia chinensis)*

Variety: 'Skelton A19'
Synonym: N/A

Application no: 2009/335
Current status: ACCEPTED
Certificate no: N/A
Received: 30-Nov-2009
Accepted: 23-Dec-2009
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: ENZAFRUIT New Zealand International Limited
Agent: Shelston IP
Telephone: 0297771111
Fax: 0292414666

View the detailed description of this variety.

Leek *(Allium porrum)*

Variety:	'Chiefton'
Synonym:	N/A
Application no:	2018/007
Current status:	ACCEPTED
Certificate no:	N/A
Received:	25-Jan-2018
Accepted:	30-Jan-2018
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Ralph'
Synonym:	N/A
Application no:	2012/270
Current status:	ACCEPTED
Certificate no:	N/A
Received:	04-Dec-2012
Accepted:	31-Jul-2013
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent:	Rijk Zwaan Australia Pty Ltd
Telephone:	0353489003
Fax:	0353485530

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Chicarita'
Synonym:	N/A
Application no:	2015/335
Current status:	ACCEPTED
Certificate no:	N/A
Received:	04-Dec-2015
Accepted:	16-Dec-2015
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent:	Rijk Zwaan Australia Pty Ltd
Telephone:	0353489003
Fax:	0353485530

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Thatcher'
Synonym:	N/A
Application no:	2016/034
Current status:	ACCEPTED
Certificate no:	N/A
Received:	08-Feb-2016
Accepted:	15-Mar-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety: 'Olgada'
Synonym: N/A

Application no: 2016/029
Current status: ACCEPTED
Certificate no: N/A
Received: 28-Jan-2016
Accepted: 26-Feb-2016
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

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

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Multired 98'
Synonym:	N/A
Application no:	2015/231
Current status:	ACCEPTED
Certificate no:	N/A
Received:	24-Aug-2015
Accepted:	21-Sep-2015
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Lotus'
Synonym:	N/A
Application no:	2016/077
Current status:	ACCEPTED
Certificate no:	N/A
Received:	21-Mar-2016
Accepted:	01-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent:	Rijk Zwaan Australia Pty Ltd
Telephone:	0353489003
Fax:	0353485530

View the detailed description of this variety.

Lettuce *(Lactuca sativa)*

Variety:	'Metalia'
Synonym:	N/A
Application no:	2015/108
Current status:	ACCEPTED
Certificate no:	N/A
Received:	19-May-2015
Accepted:	01-Jun-2015
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Lily *(Lilium hybrid)*

Variety:	'Zambesi'
Synonym:	N/A
Application no:	2013/092
Current status:	ACCEPTED
Certificate no:	N/A
Received:	17-Apr-2013
Accepted:	17-May-2013
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Mak Breeding Rights B.V.
Agent:	AJ Park
Telephone:	6444740893
Fax:	6444723358

View the detailed description of this variety.

Melon *(Cucumis melo)*

Variety:	'SENSE 181'
Synonym:	N/A
Application no:	2016/075
Current status:	ACCEPTED
Certificate no:	N/A
Received:	16-Mar-2016
Accepted:	14-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Nunhems B.V., Laboratoire ASL
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Orange Jasmine *(Murraya paniculata)*

Variety:	'Hip High'
Synonym:	N/A
Application no:	2016/128
Current status:	ACCEPTED
Certificate no:	N/A
Received:	08-Jun-2016
Accepted:	22-Feb-2017
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Terence Charles Keogh
Agent:	N/A
Telephone:	0738299608
Fax:	N/A

View the detailed description of this variety.

Perennial Ryegrass *(Lolium perenne)*

Variety:	'Rely'
Synonym:	N/A
Application no:	2013/199
Current status:	ACCEPTED
Certificate no:	N/A
Received:	13-Aug-2013
Accepted:	26-Sep-2013
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	Grasslands Innovation Limited
Agent:	Griffith Hack
Telephone:	0732217200
Fax:	0732211245

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop82'
Synonym:	N/A
Application no:	2016/137
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	05-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop55'
Synonym:	N/A
Application no:	2016/141
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	07-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

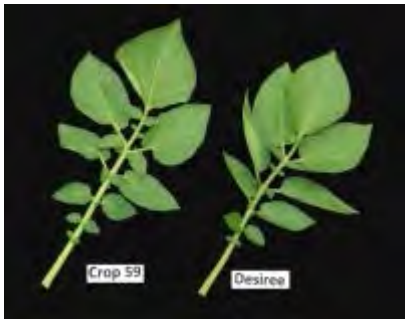
Variety:	'Crop85'
Synonym:	N/A
Application no:	2016/138
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	07-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop59'
Synonym:	N/A
Application no:	2016/139
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	04-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.



Potato *(Solanum tuberosum)*

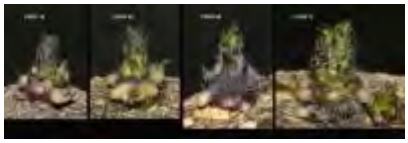
Variety:	'Crop49'
Synonym:	N/A
Application no:	2016/131
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	27-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop39'
Synonym:	N/A
Application no:	2016/132
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	04-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.



Potato *(Solanum tuberosum)*

Variety:	'Crop34'
Synonym:	N/A
Application no:	2016/133
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	04-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop31'
Synonym:	N/A
Application no:	2016/134
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	04-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop77'
Synonym:	N/A
Application no:	2016/136
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	05-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Potato *(Solanum tuberosum)*

Variety:	'Crop56'
Synonym:	N/A
Application no:	2016/140
Current status:	ACCEPTED
Certificate no:	N/A
Received:	10-Jun-2016
Accepted:	05-Jul-2016
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 31, Issue 1
Title Holder:	The New Zealand Institute for Plant and Food Research Limited
Agent:	A J Park
Telephone:	44740893
Fax:	044723358

View the detailed description of this variety.

Spinach *(Spinacia oleracea)*

Variety: 'Hydrus'
Synonym: N/A

Application no: 2016/024
Current status: ACCEPTED
Certificate no: N/A
Received: 21-Jan-2016
Accepted: 12-Feb-2016
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

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

View the detailed description of this variety.

Sugarcane *(Saccharum hybrid)*

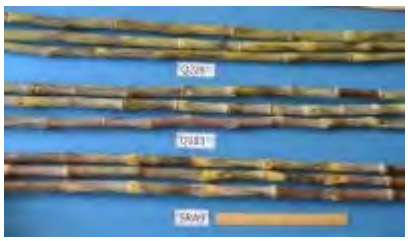
Variety: 'SRA9'
Synonym: N/A

Application no: 2017/204
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Jul-2017
Accepted: 21-Jul-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

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

View the detailed description of this variety.



Sugarcane *(Saccharum hybrid)*

Variety: 'SRA10'
Synonym: N/A

Application no: 2017/210
Current status: ACCEPTED
Certificate no: N/A
Received: 21-Jul-2017
Accepted: 04-Sep-2017
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

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

View the detailed description of this variety.

Tall Fescue *(Festuca arundinacea)*

Variety: 'Quantum II'
Synonym: N/A

Application no: 2006/220
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Aug-2006
Accepted: 11-Sep-2006
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

Title Holder: PGG Wrightson Seeds Ltd
Agent: N/A
Telephone: 0383797408
Fax: N/A

View the detailed description of this variety.

Tulbaghia *(Tulbaghia hybrid)*

Variety: 'Starburst'
Synonym: N/A

Application no: 2016/248
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Sep-2016
Accepted: 11-Oct-2016
Granted: N/A

Description published in Plant Varieties Journal: Volume 31, Issue 1

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

View the detailed description of this variety.

Details of Application	
Application Number	2017/171
Variety Name	'Ace of Spades'
Genus Species	*Cotyledon orbiculata*
Accepted Date	04 Jul 2017
Applicant	The Great Australian Succulent Company Pty Ltd, Macquarie Fields, NSW
Qualified Person	John Oates

Details of Comparative Trial	
Location	Picton, NSW
Descriptor	PBR ECH (*Echeveria*)
Period	2017-2018
Conditions	200mm pots, overhead irrigation as required, friable well drained potting mix, grown on benched under open plastic covered greenhouse.
Trial Design	Randomised block, 20 pots per variety
Measurements	As per UPOV guidelines
RHS Chart - edition	2016

Origin and Breeding

Controlled pollination: In October 2010 the seed parent accession number '2041', a non-protected breeding line, was pollinated by another non-protected breeding line, accession number '2042'. From the resultant progeny the line '7539.2' was selected based on the characters: leaf colour: dark green with red margins, branching: strong, internode length: short to medium. This selection was subsequently named 'Ace of Spades' Breeder: John Oates of Morgan Oates & Brown 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
Stem	present/absent	present
Leaf	pubescence	absent
Leaf	shape	obovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Macrantha'	

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

Organ/Plant Part: Context	'Ace of Spades'	'Macrantha'
☐ Plant: root form	fibrous	fibrous
☐ Plant: rosette	absent	diffused
☐ Plant: stem length	short	long
☐ Foliage: waxiness	weak	medium

☐ Foliage: glossiness	medium	medium
☐ Leaf blade: shape	obovate	obovate
☐ Leaf blade: thickness	medium	medium
☑ Leaf blade: cross section	flat	concave
☐ Leaf blade: variegation	absent	absent
☐ Leaf blade: carunculations	absent or very weak	absent or very weak
☐ Leaf blade: pubescence	absent or very sparse	absent or very sparse
☑ Leaf blade: length	medium	long
☑ Leaf blade: width	medium	long
☐ Leaf blade: length:width ratio	medium	medium
☐ Leaf blade: intensity of colour of upperside	strong	strong
☐ Leaf blade: colour distribution	uniform	uniform
☑ Leaf blade: number of colours (if distinct)	two	one
☐ Leaf blade: degree of crenulation of margin	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Ace of Spades'**	**'Macrantha'**
☐ Leaf: coloured margin	present	present
☑ Leaf blade: colour	147B	146A
☑ Leaf margin: colour	187A	59A
☐ Leaf margin: degree of colouring	weak	weak
☐ Leaf: shape in longitudinal section	weakly concave	weakly concave

Prior Applications and Sales:
Nil

First sold in Australia, October 2016

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

Details of Application	
Application Number	2017/172
Variety Name	‘Blade Runner’
Genus Species	*Echeveria gibbiflora*
Accepted Date	04 Jul 2017
Applicant	The Great Australian Succulent Company Pty Ltd, Macquarie Fields, NSW
Qualified Person	John Oates

Details of Comparative Trial	
Location	Picton, NSW
Descriptor	PBR ECH (*Echeveria*)
Period	2017-2018
Conditions	200mm pots, overhead irrigation as required, friable well drained potting mix, grown on benched under open plastic covered greenhouse.
Trial Design	Randomised block, 20 pots per variety
Measurements	As per UPOV guidelines
RHS Chart - edition	2016

Origin and Breeding

Planned Breeding program: In May 2006 the seed parent accession number ‘223’,a non-protected breeding line, was pollinated by another non-protected breeding line, accession number ‘454’. From the resultant progeny the line ‘3192’ was selected based on the characters: leaf shape: weakly concave, leaf colour: yellow green, branching: strong, internode length: medium to long. This selection was subsequently named 'Blade Runner'. Breeder: John Oates of Morgan Oates & Brown 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**
Leaf	shape in longitudinal section	concave

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Topsy Turvey'	

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

Organ/Plant Part: Context	**'Blade Runner'**	**'Topsy Turvey'**
☐ Plant: root form	fibrous	fibrous
☐ Plant: rosette	complete	complete
☐ Plant: stem length	very short	very short
☑ Foliage: waxiness	medium	very strong
☐ Foliage: glossiness	weak	weak

☑ Leaf blade: thickness	medium	thick
☑ Leaf blade: cross section	flat	convex
☐ Leaf blade: variegation	absent	absent
☐ Leaf blade: carunculations	absent or very weak	absent or very weak
☐ Leaf blade: pubescence	absent or very sparse	absent or very sparse
☑ Leaf blade: length	medium	short
☑ Leaf blade: width	long	narrow
☑ Leaf blade: length:width ratio	small	large
☑ Leaf blade: colour of upperside	yellowish green	greyish green
☐ Leaf blade: intensity of colour of upperside	medium	medium
☐ Leaf blade: colour distribution	uniform	uniform
☐ Leaf blade: number of colours (if distinct)	one	one
☐ Leaf blade: degree of crenulation of margin	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Blade Runner'**	**'Topsy Turvey'**
☑ Leaf: shape in longitudinal section	weakly concave	stongly concave
☑ Leaf : shape	obovate	oblanceolate

Prior Applications and Sales:
Nil

First sold in Australia, October 2016

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

Details of Application	
Application Number	2014/126
Variety Name	'WA 2'
Genus Species	*Malus domestica*
Common Name	Apple
Synonym	Nil
Accepted Date	21 Jul 2015
Applicant	Washington State University Office of Commercialization, Pullman, USA.
Agent	Grahams Factree, Hoddles Creek, VIC.
Qualified Person	Rebecca Fleming
Details of Comparative Trial	
Overseas Testing Authority	United States of America Patent and Trademark Office
Overseas Data Reference Number	USPP21710
Location	Taggerty, Victoria
Descriptor	Apple (*Malus domestica*)TG/14/9
Conditions	Where possible, the overseas data has been verified until local growing conditions.
RHS Chart - edition	N/A
Origin and Breeding	
Open Pollination: Splendour x Gala The present new and distinct variety of apple tree was originated in a greenhouse at Wenatchee, Washington in 1995 by Bruce H Barritt. Seed was collected in 1994 from fruit of the 'Splendour' cultivar, with the male parent being 'Gala'. A bud from this seedling was budded on 'M9' rootstock and planted into an evaluation orchard. Under close and careful observation the present variety was chosen for its commercial fruiting properties. When compared to its maternal parent 'Splendour', 'WA 2' has higher levels of acidity and sweetness, and is firmer. While similar is size to its paternal parent 'Gala', 'WA 2' is larger than 'Splendour' and has a brighter, more orange/red appearance than either parent. 'WA 2' also differs from 'Gala' in that it reaches harvest maturity around 5 weeks later. Breeder: Bruce H. Barritt, Wenatchee, 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	colour of flesh	yellowish

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Pacific Rose (Scirose)	The fruit of 'WA 2' has firmer flesh than Pacific Rose (Scirose), larger lenticels and a longer shelf life. It also has a higher Total Acidity of 0.46% compared to 0.38%.
Scifresh	The fruit of 'WA 2' has a solid flush of colour, compared to 'Scifresh' which

	has a solid flush with stripes. 'WA 2' matures approximately 1 week after 'Scifresh'.
Golden Delicious	The fruit of 'WA 2' has a large area of red over-colour compared to 'Golden Delicious' which does not have any red in the skin colour, it is also firmer than 'Golden Delicious'
Honeycrisp	The fruit of 'WA 2' matures a lot later in the season compared to 'Honeycrisp' and has a more pronounced stripe.
Ariane	The fruit of 'WA 2' is larger in size than 'Ariane', more conical in shape and has crowning at the calyx unlike 'Ariane'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Pacific Rose (Scirose)	Fruit	Shelf life	Very long	Long	'WA 2' stores longer than 'Scirose', larger lenticels and firmer flesh.
Golden Delicious	Fruit	Skin colour	Red	Yellow	'WA 2' is a red skinned apple compared to the yellow skin of a 'Golden Delicious'.
Scifresh	Fruit	Maturity	1 week later	1 week earlier	'WA 2' matures approximately 1 week later than 'Scifresh' and has no stripes.
Honeycrisp	Fruit	Maturity	late	early to medium	'WA 2' matures late in the season whereas 'Honeycrisp' matures in the early season.

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

Organ/Plant Part: Context	'WA 2'	'Ariane'
☐ Tree: vigour	medium	
☐ Tree: type of bearing	on spurs only	
☐ Leaf blade: incisions of margin	serrate type 2	
☐ Leaf blade: pubescence on lower side	medium	
☐ *Fruit: size	medium	small to medium
☐ *Fruit: height	short to medium	
☐ *Fruit: diameter	medium	
☐ *Fruit: ratio height/diameter	medium	medium
☑ *Fruit: general shape	conic	globose

Fruit: ribbing	moderate	absent or weak
Fruit: crowning at calyx end	moderate	absent or weak
*Fruit: size of eye	medium to large	
Fruit: length of sepal	medium to long	short to medium
*Fruit: ground colour	yellow	yellow green
*Fruit: relative area of over colour	medium to large	large
*Fruit: hue of over colour â€“ with bloom removed	pink red	red
*Fruit: intensity of over colour	medium	medium
*Fruit: pattern of over colour	only solid flush	only solid flush
*Fruit: area of russet around stalk attachment	medium	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	medium	few to medium
Fruit: size of lenticels	small to medium	
*Fruit: length of stalk	medium	long
*Fruit: thickness of stalk	medium	thin to medium
*Fruit: depth of stalk cavity	medium	
*Fruit: width of stalk cavity	medium to broad	
*Fruit: depth of eye basin	shallow to medium	
*Fruit: width of eye basin	medium	
*Fruit: firmness of flesh	firm	medium
*Fruit: colour of flesh	yellowish	yellowish
*Fruit: aperture of locules	closed or slightly open	moderately open
Time for: harvest	late	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2011	Granted	‘WA 2’

First sold in USA in Jan 2010.

Description: **Rebecca Fleming**, Hoddles Creek, VIC 3139.

Details of Application	
Application Number	2016/081
Variety Name	'SQ 159'
Genus Species	*Malus domestica*
Common Name	Apple
Synonym	N/A
Accepted Date	10 Jun 2016
Applicant	Stichting Wageningen Research - Wageningen Plant Research, The Netherlands
Agent	Fisher Adams Kelly Callinans, Brisbane, QLD
Qualified Person	John Oates

Details of Comparative Trial	
Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	APF 340
Location	Prufstelle Wurzen, Germany
Descriptor	UPOV TG/14/9 and CPVO-TP/14/2
Period	2012-2013
Conditions	Trial conditions are as described in the Bundessortenamt test report APF 340
Trial Design	Trial conditions are as described in the Bundessortenamt test report APF 340
Measurements	As per UPOV Technical Guidelines
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The variety was originated from a controlled cross between a breeding line '1980-015-047' and the variety 'Elise' in 1990. From the resultant hybrid seeds 3 generations of selection were conducted. The characters selected for included: scab resistance and suitability for biological production. Breeder: Stichting Dienst Landdbouwkundig Onderzoek-PPO/PRI, Wageningen, The Netherlands.

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Tree	vigour	medium
Tree	type	ramified
Tree	habit	spreading
Fruit	general shape	conic
Fruit	relative area of over colour	large to very large

Fruit	hue of over colour - with bloom removed	red
Fruit	pattern of over colour	flushed, striped and mottled
Time	of beginning of flowering	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Elise'	
'Elstar'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Elstar'	Tree	vigour	medium	strong	
'Elstar'	leaf blade	width	medium	narrow	
'Elstar'	fruit	pattern of over colour	solid flush with weakly defined stripes	flushed and mottles	
'Elstar'	fruit	firmness of fruit	medium to firm	soft	

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

Organ/Plant Part: Context	'SQ 159'	'Elise'
☐ Tree: vigour	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	medium brown	
☐ One-year-old shoot: pubescence	very weak to weak	
☐ *One-year-old shoot: number of lenticels	very many	
☐ *Leaf blade: attitude in relation to shoot	outwards	
☐ *Leaf blade: length	medium to long	

☐ *Leaf blade: width	medium	
☐ *Leaf blade: ratio length/width	large	
☐ Leaf blade: intensity of green colour	dark	
☐ Leaf blade: incisions of margin	bi-serrate	
☐ Leaf blade: pubescence on lower side	medium	
☐ *Petiole: length	medium to 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	medium	
☐ *Flower: arrangement of petals	intermediate	
☐ Flower: position of stigmas relative to anthers	same level	
☑ Young fruit: extent of anthocyanin over colour	small to medium	large
☐ *Fruit: size	medium to large	
☐ *Fruit: height	medium to tall	
☐ *Fruit: diameter	medium to large	
☐ *Fruit: ratio height/diameter	medium	
☐ *Fruit: general shape	conic	
☐ Fruit: ribbing	absent or weak	
☐ Fruit: crowning at calyx end	absent or weak	
☐ *Fruit: size of eye	small to medium	
☑ Fruit: length of sepal	medium	long
☐ *Fruit: bloom of skin	moderate	
☐ 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 â€“ with bloom removed	red	
☐ *Fruit: intensity of over colour	dark	
☐ *Fruit: pattern of over colour	solid flush with weakly defined stripes	
☐ *Fruit: width of stripes	narrow to 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	medium	
☐ Fruit: number of lenticels	many	
☐ Fruit: size of lenticels	medium	
☐ *Fruit: length of stalk	medium to long	
☐ *Fruit: thickness of stalk	medium	
☑ *Fruit: depth of stalk cavity	shallow to medium	medium to deep
☐ *Fruit: width of stalk cavity	narrow to medium	
☐ *Fruit: depth of eye basin	shallow to medium	
☐ *Fruit: width of eye basin	narrow	
☐ *Fruit: firmness of flesh	medium to firm	
☐ *Fruit: colour of flesh	cream	
☐ *Fruit: aperture of locules	moderately open	
☐ *Time of: beginning of flowering	medium	
☐ Time for: harvest	late to very late	
☐ *Time of: eating maturity	late	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2009	Granted	'SQ 159'
Switzerland	2012	Granted	'SQ 159'

First sold in Germany and the Netherlands on 1st November 2011

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

Details of Application	
Application Number	2013/321
Variety Name	'ZF06-079'
Genus Species	*Vaccinium corymbosum*
Common Name	Blueberry
Synonym	Nil
Accepted Date	31Jan 2014
Applicant	The Conard-Pyle Company, Pennsylvania, USA
Agent	A J Park, Canberra, ACT
Qualified Person	Emma Brown

Details of Comparative Trial	
Overseas Testing Authority	Plant Breeders' Rights Office, Canadian Food Inspection Agency, Ontario, Canada
Overseas Data Reference Number	5495
Location	Chilliwack, British Columbia, Canada
Descriptor	TG/137/4(2007/03/28)
Period	2015
Conditions	Field trial, plants were planted 60 cm apart within row and 3 m between rows.
Trial Design	Plots planted in randomised complete block design. Each variety had 3 replicates with 3 plants per replicate
Measurements	Taken from 9 plants or 20 parts of 9 plants of each variety
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'ZF06-079' was selected from amongst a population of seedlings derived from crossing 'Toro' (seed parent) and 'FLX-2' (pollen parent) in the northern hemisphere summer of 2006 at Fall Creek Farm & Nursery in Lowell, Oregon. Replicated trials were planted in 2007.

Choice of Comparators Characteristics 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
Fruit	skin colour	Dark Blue
Plant	fruiting Type	on one-year-old shoots only
Plant	time of beginning of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Top Hat'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Sunshine Blue'	Plant	time of beginning of flowering	early	mid-late	

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

Organ/Plant Part: Context	'ZF06-079'	'Top Hat'
☐ *Plant: vigour	strong	strong to very strong
☐ *Plant: growth habit	semi-upright	semi-upright
☐ One-year-old shoot: length of internode	medium	short to medium
☐ Leaf: ratio length/width	medium	large
☑ *Leaf: shape	elliptic	lanceolate
☐ Leaf: colour of upper side	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium to dark	medium to dark
☑ *Leaf: margin	entire	serrate
☐ Flower: shape of corolla	urceolate	urceolate
☐ *Flower: size of corolla tube	medium	small
☐ *Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak
☐ Flower: ridges on corolla tube	present	present
☐ Fruit cluster: density	medium to dense	sparse to medium
☐ *Unripe fruit: intensity of green colour	medium	medium
☑ *Fruit: size	medium to large	small
☐ *Fruit: shape in longitudinal section	oblate	oblate
☐ Fruit: attitude of sepals	erect	erect
☐ Fruit: type of sepals	incurving	incurving
☐ Fruit: depth of calyx basin	shallow	shallow
☐ *Fruit: intensity of bloom	medium	medium
☐ *Fruit: colour of skin	dark blue	dark blue
☐ Fruit: firmness	firm	medium
☑ *Fruit: sweetness	medium	high to very high
☑ *Fruit: acidity	medium	very low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only
☐ *Time of: beginning of flowering on one-year-old shoot	early	early

*Time of: beginning of fruit ripening on one-year-old shoot	early to medium	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2011	Granted	'ZF06-079'
New Zealand	2018	Applied	'ZF06-079'
USA	2011	Granted	'ZF06-079'

First sold in Australia in January 2013.

Description: **Emma Brown**, Havelock North, New Zealand.

Details of Application	
Application Number	2013/322
Variety Name	'ZF06-043'
Genus Species	*Vaccinium corymbosum*
Common Name	Blueberry
Synonym	Nil
Accepted Date	31 Jan 2014
Applicant	The Conard-Pyle Company, Pennsylvania, USA
Agent	A J Park
Qualified Person	Emma Brown

Details of Comparative Trial	
Overseas Testing Authority	Plant Breeders' Rights Office, Canadian Food Inspection Agency, Ontario, Canada
Overseas Data Reference Number	5494
Location	Chilliwack, British Columbia, Canada
Descriptor	TG/137/4(2007/03/28)
Period	2015
Conditions	Field trial grown, plants were planted 60 cm apart within row and 3 m between rows.
Trial Design	Plots planted in randomised complete block design. Each variety had 3 replicates with 3 plants per replicate
Measurements	Taken from 9 plants or 20 parts of 9 plants of each variety
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'ZF06-043' was selected from amongst a population of seedlings derived from crossing 'FLX-'' (seed parent) and 'Toro' (pollen parent) in the northern hemisphere summer of 2006 at Fall Creek Farm & Nursery in Lowell, Oregon. Replicated trials were planted in 2007.

Choice of Comparators Characteristics 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
Fruit	skin colour	dark Blue
Fruit	fruiting Type	on one-year-old shoots only
Plant	Time of beginning of flowering	mid season

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Sunshine Blue'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Top Hat'	Plant	Time of beginning of flowering	mid-season	early	

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

Organ/Plant Part: Context	'ZF06-043'	'Sunshine Blue'
☐ *Plant: vigour	strong to very strong	very strong
☐ *Plant: growth habit	semi-upright	semi-upright
☐ One-year-old shoot: length of internode	medium	medium
☐ Leaf: ratio length/width	medium	large
☑ *Leaf: shape	elliptic	lanceolate
☐ Leaf: colour of upper side	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium to dark	dark
☐ *Leaf: margin	entire	entire
☐ Flower: shape of corolla	urceolate	urceolate
☐ *Flower: size of corolla tube	medium	small to medium
☐ *Flower: anthocyanin colouration of corolla tube	weak to medium	weak
☐ Flower: ridges on corolla tube	present	present
☐ Fruit cluster: density	dense	medium to dense
☐ *Unripe fruit: intensity of green colour	medium	light to medium
☐ *Fruit: size	medium to large	medium
☐ *Fruit: shape in longitudinal section	oblate	
☐ Fruit: attitude of sepals	semi-erect	erect
☐ Fruit: type of sepals	incurving	incurving
☐ Fruit: depth of calyx basin	shallow to medium	very shallow to shallow
☐ *Fruit: intensity of bloom	medium	medium
☐ *Fruit: colour of skin	dark blue	dark blue
☐ Fruit: firmness	medium	firm
☐ *Fruit: sweetness	high to very high	high to very high
☐ *Fruit: acidity	low	very low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only

☐ *Time of: beginning of flowering on one-year-old shoot	medium	medium to late
☑ *Time of: beginning of fruit ripening on one-year-old shoot	early to medium	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2011	Granted	'ZF06-043'
New Zealand	2018	Applied	'ZF06-043'
USA	2011	Granted	'ZF06-043'

First sold in the USA in January 2012 and in Australia in January 2013.

Description: **Emma Brown**, Havelock North, New Zealand.

Details of Application	
Application Number	2014/070
Variety Name	'DrisBlueNine'
Genus Species	*Vaccinium corymbosum*
Common Name	Blueberry
Accepted Date	06 May 2014
Applicant	Driscoll's, Inc., Watsonville, California, USA
Agent	AJ Park, Canberra, ACT
Qualified Person	Margaret Zorin

Details of Comparative Trial	
Overseas Testing Authority	United States Patent & Trademark Office (USPTO)
Overseas Data Reference Number	PP26287
Location	Overseas data verified in Birkdale Qld.
Descriptor	Blueberry new (Vaccinium hybrid) TG/137/4
Period	2007-2012
Conditions	Plants of DrisBlueNine and DrisBlueEleven were grown in soil and pots in full sunlight.
Trial Design	Completely randomised
Measurements	Measurements and observations were taken from randomly selected plants.
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: This new variety originated as a seedling from a controlled cross pollination between the proprietary female parent 'MS122' and the proprietary pollen parent 'G292'. The original seedling was asexually propagated in Monterey California, USA and subsequently underwent further asexual propagation via softwood cuttings and testing in Santa Cruz, California, USA where it remained stable and true-to type prior to transfer to Australia. Breeders: Brian K Caster, Arlen Draper and Jennifer K Izzo all employees of Driscoll Strawberry Associates Inc. Watsonville, California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-upright
Corolla	shape	urceolate
Plant	fruiting type	On one year old shoots only

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DrisBlueEleven'	A variety with same maternal germplasm

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Ozarkblue'	Plant	habit	semi upright	upright	
'Ozarkblue'	Fruit	time of harvest	medium	very late	
'DrisBlueThree'	Flower	chilling requirement	high	low to medium	
'MS122'	Plant	chilling requirement	high	medium	
'G292'	Plant	chilling requirement	high	medium	
'Bluecrop'	Plant	habit	semi upright	upright	
'Elliot'	Fruit	size	medium	large	

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

Organ/Plant Part: Context	'DrisBlueNine'	'DrisBlueEleven'
☑ *Plant: vigour	strong	medium
☐ *Plant: growth habit	semi-upright	semi-upright
☐ One-year-old shoot: colour	green	green
☑ One-year-old shoot: length of internode	long	medium
☑ *Leaf: length	long	medium
☐ Leaf: width	medium	medium
☐ Leaf: ratio length/width	large	large
☐ *Leaf: shape	elliptic	elliptic
☐ Leaf: colour of upper side	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	dark	dark
☐ *Leaf: margin	entire	entire
☐ Flower bud: anthocyanin colouration	medium	weak
☐ Inflorescence: length	long	long
☐ Flower: shape of corolla	urceolate	urceolate
☑ *Flower: size of corolla tube	large	medium
☐ *Flower: anthocyanin colouration of corolla tube	medium	medium
☐ Flower: ridges on corolla tube	present	present
☐ Fruit cluster: density	medium	sparse
☐ *Unripe fruit: intensity of green colour	medium	medium
☑ *Fruit: size	large	small
☐ *Fruit: shape in longitudinal section	oblate	round
☐ Fruit: attitude of sepals	semi-erect	erect to semi-erect

Fruit: type of sepals	incurving	incurving
Fruit: diameter of calyx basin	large	medium
Fruit: depth of calyx basin	deep	medium
*Fruit: intensity of bloom	strong	medium
*Fruit: colour of skin	dark blue	dark blue
Fruit: firmness	firm	firm
*Fruit: sweetness	low	low
*Fruit: acidity	high	medium
*Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only
*Time of: vegetative bud burst	late	late
*Time of: beginning of flowering on one-year-old shoot	late	late
*Time of: beginning of fruit ripening on one-year-old shoot	late	late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2014	Granted	'DrisBlueNine'
Chile	2015	Granted	'DrisBlueNine'
EU	2014	Applied	'DrisBlueNine'
Mexico	2014	Granted	'DrisBlueNine'
New Zealand	2014	Applied	'DrisBlueNine'
Peru	2014	Applied	'DrisBlueNine'
South Africa	2014	Applied	'DrisBlueNine'
USA	2013	Granted	'DrisBlueNine'

First sold in USA in October 2012.

Description: **Margaret Zorin**, 167 Collingwood Road, Birkdale, QLD.

Details of Application	
Application Number	2016/297
Variety Name	'DrisBlueFifteen'
Genus Species	*Vaccinium corymbosum*
Common Name	Blueberry
Accepted Date	29 Mar 2017
Applicant	Driscoll's, Inc., Watsonville, California, USA
Agent	AJ Park, Canberra, ACT
Qualified Person	Margaret Zorin

Details of Comparative Trial	
Overseas Testing Authority	United States Patent & Trademark Office (USPTO)
Overseas Data Reference Number	PP28,933
Location	Overseas data verified in Birkdale Qld.
Descriptor	Blueberry new (Vaccinium hybrid) TG/137/4
Period	May to September 2017
Conditions	Plants were grown in pots in full sunlight
Trial Design	This new variety 'DrisBlueFifteen' was grown and compared with plants the same age of 'DrisBlueSeven' at Birkdale, QLD
Measurements	Measurements and observations were taken from randomly selected plants
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: This new variety originated as a result of a controlled cross pollination between the female proprietary line 'MS 122' and the proprietary pollen parent 'MS. The original seedling was selected for fruit quality, size and large healthy plant and was asexually propagated and tested over twelve years. Breeders: Brian K Caster, Arlen Draper and Jennifer K Izzo all employees of Driscoll Strawberry Associates Inc. Watsonville, California, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	fruiting type	on one year old shoots only
Fruit	shape	oblate
Corolla	shape	urceolate
Plant	growth habit	semi upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DrisBlueSeven'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'MS 122'	Fruit	shape	oblate	nearly spherical	
'DrisBlueFive'	Fruit	sweetness	high	medium	
'DrisBlueFive'	Fruit	time of Harvest	medium	early	

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

Organ/Plant Part: Context	**'DrisBlueFifteen'**	**'DrisBlueSeven'**
☑ *Plant: vigour	strong	medium
☐ *Plant: growth habit	semi-upright	semi-upright
☐ One-year-old shoot: colour	greenish red	green
☑ One-year-old shoot: length of internode	medium	long
☐ *Leaf: length	medium	long
☐ Leaf: width	medium	medium
☐ Leaf: ratio length/width	medium to large	very large
☐ *Leaf: shape	elliptic	elliptic
☐ Leaf: colour of upper side	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	dark	dark
☐ *Leaf: margin	entire	entire
☐ Flower bud: anthocyanin colouration	very weak	very weak
☑ Inflorescence: length	medium	long
☐ Flower: shape of corolla	urceolate	urceolate
☐ *Flower: size of corolla tube	medium	medium
☐ *Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak
☐ Flower: ridges on corolla tube	present	present
☑ Fruit cluster: density	sparse	medium
☐ *Unripe fruit: intensity of green colour	very light to light	medium
☑ *Fruit: size	small to medium	large
☐ *Fruit: shape in longitudinal section	oblate	oblate
☐ Fruit: attitude of sepals	erect	erect
☐ Fruit: type of sepals	incurving	incurving
☑ Fruit: diameter of calyx basin	small to medium	large
☑ Fruit: depth of calyx basin	medium	shallow
☑ *Fruit: intensity of bloom	strong	medium

*Fruit: colour of skin	dark blue	dark blue
Fruit: firmness	very firm	very firm
*Fruit: sweetness	high	medium
*Fruit: acidity	low	medium
*Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only
*Time of: beginning of flowering on one-year-old shoot	early to medium	very early
*Time of: beginning of fruit ripening on one-year-old shoot	early	very early

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'DrisBlueFifteen'**	**'DrisBlueSeven'**
Mature Fruit skin : colour	RHS 103A	RHS 103A
Leaf colour: colour of upper side	RHS N137	RHS139A
Intensity of green colour: Immature fruit with bloom	RHS 138C	RHS 142B
Fruit: Colour of flesh	RHS 145C	RHS 145C
Plant: chill requirement	low	very low

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
Canada	2016	Applied	'DrisBlueFifteen'
EU	2017	Applied	'DrisBlueFifteen'
Mexico	2016	Applied	'DrisBlueFifteen'
New Zealand	2016	Applied	'DrisBlueFifteen'
South Africa	2016	Applied	'DrisBlueFifteen'
USA	2015	Applied	'DrisBlueFifteen'

Prior Sales: Nil

Description: **Margaret Zorin**, 167 Collingwood Road, Birkdale, QLD.

Details of Application	
Application Number	2013/320
Variety Name	'ZF06-179'
Genus Species	*Vaccinium corymbosum* × *angustifolium*
Common Name	Blueberry
Synonym	Nil
Accepted Date	31 Jan 2014
Applicant	The Conard-Pyle Company, Pennsylvania, USA
Agent	A J Park, Canberra, ACT
Qualified Person	Emma Brown

Details of Comparative Trial	
Overseas Testing Authority	Plant Breeders' Rights Office, Canadian Food Inspection Agency, Ontario, Canada
Overseas Data Reference Number	5496
Location	Chilliwack, British Columbia, Canada
Descriptor	TG/137/4
Period	2015
Conditions	Field trial grown, plants were planted 60 cm apart within row and 3 m between rows
Trial Design	Plots planted in randomised complete block design. Each variety had 3 replicates with 3 plants per replicate
Measurements	Measurements taken from 9 plants or 20 parts of 9 plants of each variety
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'ZF06-179' was selected from amongst a population of seedlings derived from crossing 'Polaris' (seed parent) and 'Tophat' (pollen parent) in the northern hemisphere summer of 2006 at Fall Creek Farm & Nursery in Lowell, Oregon. Replicated trials were planted in 2007.

Choice of Comparators Characteristics 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-Intermediate
Fruit	skin colour	dark Blue
Plant	fruiting Type	on one-year-old shoots only
Plant	time of beginning of flowering	mid-season

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Top Hat'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Polaris'	Fruit	size	medium to large	medium	

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

Organ/Plant Part: Context	'ZF06-179'	'Top Hat'
☐ *Plant: vigour	strong	strong to very strong
☐ *Plant: growth habit	semi-upright to intermediate	semi-upright
☐ One-year-old shoot: colour	green	green
☐ One-year-old shoot: length of internode	short	short to medium
☐ Leaf: ratio length/width	medium to large	large
☐ *Leaf: shape	lanceolate	lanceolate
☐ Leaf: colour of upper side	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	light to medium	medium to dark
☐ *Leaf: margin	serrate	serrate
☐ Flower: shape of corolla	urceolate	urceolate
☐ *Flower: size of corolla tube	small to medium	small
☐ *Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak
☐ Flower: ridges on corolla tube	present	present
☐ Fruit cluster: density	medium	sparse to medium
☐ *Unripe fruit: intensity of green colour	light to medium	medium
☑ *Fruit: size	medium to large	small
☐ *Fruit: shape in longitudinal section	oblate	oblate
☐ Fruit: attitude of sepals	erect	erect
☐ Fruit: depth of calyx basin	shallow	shallow
☐ *Fruit: intensity of bloom	medium	medium
☐ *Fruit: colour of skin	dark blue	dark blue
☐ Fruit: firmness	firm	medium
☑ *Fruit: sweetness	medium	high to very high
☑ *Fruit: acidity	medium to high	very low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only
☐ *Time of: beginning of flowering on one-year-old shoot	medium	early
☑ *Time of: beginning of fruit ripening on one-year-old shoot	early	medium to late

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2012	Granted	'ZF06-179'
New Zealand	2018	Applied	'ZF06-179'
USA	2012	Granted	'ZF06-179'

First sold in the USA in January 2012 and in Australia in January 2013.

Description: **Emma Brown**, Havelock North, New Zealand.

Details of Application	
Application Number	2017/268
Variety Name	'Gi 209'
Genus Species	*Prunus* hybrid
Common Name	Cherry
Synonym	Nil
Accepted Date	07 Nov 2017
Applicant	Consortium Deutscher Baumschulen GmbH, Germany
Agent	Allens Patent & Trade Mark Attorneys, Sydeny, NSW
Qualified Person	Leslie Mitchell

Details of Comparative Trial	
Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	PRU 41
Location	Bundessortenamt, Hanover, Germany
Descriptor	TG/187/2
Period	2005-2006
Conditions	As according UPOV test guidelines
Measurements	All measurements were conducted following the guidelines outlined in TG/187/1
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: 'Gi 2091' originates from a controlled crossing performed at Giessen University in the context of a program for breeding size-controlling, productive and precocious rootstocks for sweet cherries. 'Schattenmorelle' × *Prunus canescens*. The seedling was tested for viruses and planted ungrafted at the experimental station of Giessen University. After vegetative propagation it was grafted with cultivar 'Hedelfinger' and included in a rootstock trial at Giessen University. Later on it was grafted with several other cultivars and planted in rootstock trials in Witzenhausen (Germany) and Ahrensburg (Germany). In Ahrensburg, this clone was selected in 1985 due to its excellent performance. 'Gi2091' was tested at several other locations with different growing conditions, modern orchard management techniques and grafted with various cultivars.

Choice of Comparators Characteristics 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	incisions of margin	serrate
Leaf blade	length	short
Plant	flowers	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'GiSelA5'	

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

Organ/Plant Part: Context	'Gi 2091'	'GiSelA5'
☑ *Plant: vigour	very weak to weak	medium to strong
☐ *Plant: habit	upright to spreading	upright
☑ Plant: branching	weak to medium	strong to very strong
☐ One-year-old shoot: thickness	thin to medium	
☐ One-year-old shoot: length of internode	medium	
☑ One-year-old shoot: pubescence	absent	present
☐ One-year-old shoot: number of lenticels	many	medium
☐ One-year-old shoot: anthocyanin colouration of apex	strong to very strong	
☐ One-year-old shoot: position of vegetative bud in relation to shoot	slightly held out	
☑ One-year-old shoot: size of vegetative bud	small to medium	very small to small
☐ *One-year-old shoot: shape of apex of vegetative bud	rounded	obtuse
☐ One-year-old shoot: size of vegetative bud support	very small to small	
☐ *One-year-old shoot: branching	very weak	
☐ Young shoot: intensity of anthocyanin colouration of young leaf	strong	
☐ *Leaf blade: length	short	short
☐ Leaf blade: width	narrow to medium	
☐ Leaf blade: ratio length/width	small	
☐ *Leaf blade: shape	elliptic	
☐ Leaf blade: angle of apex	acute	
☐ *Leaf blade: length of tip	medium	
☐ *Leaf blade: shape of base	obtuse	
☐ Leaf blade: colour of upper side	dark green	
☐ Leaf blade: pubescence of lower side at apex	weak to medium	
☐ *Leaf blade: incisions of margin	only crenate	
☐ Leaf blade: depth of incisions of margin	medium to deep	
☐ *Petiole: length	short	
☐ Petiole: presence of pubescence of upper side	present	
☐ Petiole: intensity of pubescence of upper side	medium to strong	
☐ Petiole: depth of groove	medium to deep	

Leaf: ratio length of leaf blade/length of petiole	small to medium	
Leaf: presence of stipules	present	
Stipule: length	very short	
*Leaf: presence of nectaries	present	
*Leaf: predominant number of nectaries (varieties with nectaries only)	more than two	
Leaf: position of nectaries	equally distributed on base of blade and petiole	
*Nectary: colour	green	yellow
*Nectary: shape	reniform	round
*Plant: flowers	present	present

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2003	Granted	'Gi 2091'
Germany	2001	Granted	'Gi 2091'
EU	2002	Granted	'Gi 2091'
USA	2003	Granted	'Gi 2091'

Prior Sales: Nil

Description: **Leslie Mitchell**, Shepparton, VIC.

Details of Application	
Application Number	2013/039
Variety Name	'Arionicus'
Genus Species	*Hibiscus rosa-sinensis*
Common Name	Chinese Hibiscus
Synonym	Arion
Accepted Date	29 May 2013
Applicant	Poul Graff, Sabro, Denmark
Agent	Sprint Horticulture, Fountain Plaza, NSW
Qualified Person	John Oates

Details of Comparative Trial	
Overseas Testing Authority	Plant Variety Protection office, Japan; Intellectual Property Division, Japan; Food industry Affairs Burau, Japan; Ministry of Agriculture, Forestry and Fisheries, Japan
Overseas Data Reference Number	21278
Location	Tako, Chiba, Japan
Descriptor	TG/HIBIS (Proj.3) & Test Guideline in Japan
Period	2011
Conditions	As according UPOV test guidelines
RHS Chart - edition	2007

Origin and Breeding

Controlled Pollination: The female parent, 'Camaro Wind', was pollinated by the male parent, an proprietary selection of *Hibiscus rosa-sinensis*, 'GB 2006-4715' in December 2007. 'Arionicus' was selected from among the progeny of the cross in July 2008. Selection characters included, plant: upright, dense, bushy; leaves: glossy, dark green; flower colour: red with dark red purple coloured centres. Breeder: Poul Graff, Sabro, 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
Plant	growth habit	upright
Flower	type	single
Leaf blade	lobing	absent
Flower	eye zone	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cairo Red'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Calypso Red'	Petal	flare	slight	medium	

	shape				

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

Organ/Plant Part: Context	'Arionicus'	'Cairo Red'
☐ *Plant: growth habit	upright to spreading	upright to spreading
☐ Plant: height	tall	tall
☐ Plant: density of branching	dense	dense
☐ Branch: attitude	moderately upwards	moderately upwards
☐ Branch: colour on distal part	red	red
☐ *Leaf blade: length	medium	medium
☐ *Leaf blade: width	narrow to medium	narrow to medium
☐ *Leaf blade: main colour	medium green	medium green
☐ *Leaf blade: variegation	absent	absent
☐ Leaf blade: lobing	absent	absent
☐ Leaf blade: shape (varieties without lobing only)	broad ovate	broad ovate
☐ Leaf blade: shape of base (varieties without lobing only)	rounded	rounded
☐ Leaf blade: shape of apex (varieties without lobing only)	acute	acute
☐ Leaf blade: undulation of margin	absent or very weak	absent or very weak
☐ Leaf blade: type of incisions of margin	serrate	crenate
☐ *Flower: type	single	single
☐ Flower: overlapping of petals (varieties with single and semidouble flowers only)	weak	weak
☐ Flower: crest (varieties with single and semi-double flowers only)	absent	absent
☐ Flower: diameter	large	large
☑ *Flower: main colour	medium red	light red
☐ Flower: eye zone	present	present
☐ Eye zone: size (extensions excluded)	medium	medium
☐ Eye zone: extensions into petal	absent or weak	absent or weak
☐ Eye zone: number of colours	one	one
☐ Eye zone: main colour (RHS colour chart)	53A	~53A
☐ Petal: length	medium	medium
☐ Petal: width	medium	medium
☐ Petal: shape	type 1	type 1
☐ *Petal: number of colours (excluding eye zone)	one	one

*Petal: main colour of inner side (RHS Colour Chart)	43A	lighter than 43A
*Petal: main colour of outer side (RHS Colour Chart)	45C	lighter than 45C
Petal: serration	absent or very weak	absent or very weak
Petal: undulation of margin	weak	weak
Staminal column: length (varieties with single and semi-double flowers only)	medium	medium
Staminal column: main colour (varieties with single and semi-double flowers only)	red	pink
Stigma pad: colour	medium red	medium red

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Arionicus'**	**'Cairo Red'**
Flower: longevity (Days)	2	1

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
EU	2009	Granted	'Arionicus'
Japan	2010	Granted	'Arionicus'
Korea	2010	Granted	'Arionicus'
South Africa	2013	Applied	'Arionicus'
USA	2010	Granted	'Arionicus'

First sold in the EU in February 2010 and in Australia in February 2010.

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

Details of Application	
Application Number	2013/040
Variety Name	'Athenacus'
Genus Species	*Hibiscus rosa-sinensis*
Common Name	Chinese Hibiscus
Synonym	Nil
Accepted Date	24 Sep 2013
Applicant	Poul Graff, Sabro, Denmark
Agent	Sprint Horticulture, Fountain Plaza, NSW
Qualified Person	John Oates

Details of Comparative Trial	
Overseas Testing Authority	Plant Variety Protection office, Japan; Intellectual Property Division, Japan; Food industry Affairs Burau, Japan; Ministry of Agriculture, Forestry and Fisheries, Japan
Overseas Data Reference Number	21276
Location	Tako, Chiba, Japan
Descriptor	HIBIS (proj.3) Hibiscus &Test Guidelines in Japan (1986)
Period	2011
Conditions	As according UPOV test guidelines
RHS Chart - edition	5th Edition 2007

Origin and Breeding

Open pollination: Seed harvested from female parent 'Calypso Yellow'. Top cuttings from the seedlings taken January 2007. Observations made of flowering plants April-August 2007. Selected variety observed and vegetatively built up from September 2007-2008. Characters used in selection: flowering period: extended; flower colour: bicolour,yellow,red . Breeder: Poul Graff, Sabro, 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**
Plant	growth	upright
Flower	type	single
Flower	colour	Group 2
Leaf blade	lobing	absent
Flower	eye zone	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Calypso Yellow'	
'Golden Wind'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Boreas Yellow'	flower	eye zone size	medium	large	
'Caribbean Apricot'	flower	number of colours excluding eye zone	one	two	

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

Organ/Plant Part: Context	'Athenacus'	'Calypso Yellow'	'Golden Wind'
☐ *Plant: growth habit	upright to spreading	upright to spreading	upright to spreading
☐ Plant: height	medium to tall	short	medium to tall
☐ Plant: density of branching	dense		
☐ Branch: attitude	moderately upwards	moderately upwards	strongly upwards
☐ Branch: colour on distal part	brown	brown	brown
☐ *Leaf blade: length	medium	short	medium
☐ *Leaf blade: width	medium	narrow to medium	medium
☐ *Leaf blade: main colour	medium green	medium green	medium green
☐ *Leaf blade: variegation	absent	absent	absent
☐ Leaf blade: lobing	absent	absent	absent
☐ Leaf blade: shape of base (varieties without lobing only)	rounded	cordate	rounded
☐ Leaf blade: shape of apex (varieties without lobing only)	acute	acute	acute
☐ Leaf blade: undulation of margin	medium	absent or very weak	absent or very weak
☑ Leaf blade: type of incisions of margin	crenate	crenate	entire
☐ *Flower: type	single	single	single
☐ Flower: opening of petals	present	present	present
☐ Flower: overlapping of petals (varieties with single and semidouble flowers only)	medium	strong	strong
☐ Flower: crest (varieties with single and semi-double flowers only)	absent	absent	absent
☐ Flower: diameter	medium to large	medium	small

*Flower: main colour	yellow	yellow	yellow
Flower: eye zone	present	present	present
Eye zone: size (extensions excluded)	medium	medium to large	medium
Eye zone: extensions into petal	absent or weak	strong	absent or weak
Eye zone: number of colours	one	two	one
Eye zone: main colour (RHS colour chart)	46A	~46A	~46A
Petal: length	medium	short to medium	short to medium
Petal: width	medium	medium to broad	narrow
Petal:: shape	type 2	type 2	type 2
*Petal: number of colours (excluding eye zone)	one	one	one
*Petal: main colour of inner side (RHS Colour Chart)	17A	~17A	~17A
*Petal: main colour of outer side (RHS Colour Chart)	~18		
Petal: serration	absent or very weak	absent or very weak	very weak to weak
Petal: undulation of margin	weak	strong	medium to strong
Staminal column: length (varieties with single and semi-double flowers only)	medium	medium	medium
Staminal column: main colour (varieties with single and semi-double flowers only)	orange	white	yellow
Stigma pad: colour	orange	yellow	yellow

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	**'Athenacus'**	**'Calypso Yellow'**	**'Golden Wind'**
Flower: longevity (days)	2	-	-
Stem: colour	grey-brown	-	-
Flower: Eye secondary colour	none	white	none

Prior Applications and Sales:

Country	**Year**	**Status**	**Name Applied**
EU	2008	Granted	'Athenacus'
Japan	2010	Granted	'Athenacus'
Korea	2010	Granted	'Athenacus'

First sold in the EU in February 2009 and in Australia in February 2012.

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

Details of Application	
Application Number	2016/002
Variety Name	'Little Ewan'
Genus Species	*Metrosideros collina*
Common Name	Christmas Bush
Synonym	Nil
Accepted Date	05 Feb 2016
Applicant	Terence Charles Keogh, Victoria Point, QLD
Agent	N/A
Qualified Person	Mark Lunghusen

Details of Comparative Trial	
Location	Wonga Park, VIC
Descriptor	Modified Manuka (*Leptospermum*) TG/211/1
Period	Spring to summer 2017/2018
Conditions	Plants were grown in commercial pine bark based media fertilized with controlled release fertilizer and treated for insects and diseases as required. Plants were grown in a heated greenhouse with overhead watering as required.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stem
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination followed by seedling selection: Flowers of *Metrosideros collina* Springfire were emasculated prior to opening. These flowers were pollinated with pollen from *Metrosideros collina* Tahiti and the flowers were covered after pollination. Several viable seed pods formed and the seed from these were germinated. Approximately 70 plants were selected and planted into the field at the breeder's property. *Metrosideros* 'Little Ewan' was selected from this group of plants on the basis of plant height and leaf colour. Breeder Terry Keogh, Victoria Point, Queensland.

Choice of Comparators Characteristics 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 very short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
Metrosideros collina dwarf	

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Springfire'	Plant	height	very short	tall	
'Tahiti'	Leaf	colour	light green	grey	
'Red Baby'	Plant	height	very short	medium to tall	

'Fiji Fire'	Plant	height	very short	medium to tall	
'Crimson Glory'	Plant	height	very short	medium to tall	
'Little Dugold'	Plant	height	very short	medium	

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

Organ/Plant Part: Context	'Little Ewan'	'Metrosideros collina dwarf'
☐ Plant: growth habit	bushy	upright
☑ Plant: height	very short	short
☐ Plant: attitude of branches	semi-erect	semi-erect
☐ Plant: curvature of branches at distal end	straight	straight
☐ Plant: width	medium	medium to broad
☐ Young shoot: main colour	red	red
☑ Young shoot: hairiness	medium	absent or weak
☑ *Young leaf: main colour	yellow green	medium green
☐ *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	dark green	dark green
☑ Leaf blade: glossiness of upper side	medium	weak
☐ Leaf blade: hairiness on lower side	absent or weak	absent or weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	Little Ewan	Metrosideros collina dwarf
☑ Young shoot: Intensity of shoot colour	weak to medium	very strong
☑ Petiole: length	short to medium	medium to long

Prior Applications and Sales

Nil

First sold in Jan 2015, Australia.

Description: **Mark Lunghusen,** Wonga Park, Vic, 3115.

Details of Application	
Application Number	2012/229
Variety Name	'Savvy'
Genus Species	*Dactylis glomerata*
Common Name	Cocksfoot
Accepted Date	09 Aug 2013
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand
Agent	Griffith Hack, Brisbane, QLD
Qualified Person	Joy Lin

Details of Comparative Trial	
Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	COC008 Grant no. 30900
Location	Lincoln, New Zealand
Descriptor	TG/31/8 2002
Period	2011, 2012, 2013 & 2014
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	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: 'Grasslands Vision' and 'Porto' were subjected to three and two cycles of recurrent selection respectively. Selection criteria were persistence under sheep grazing, leafiness, reduced aftermath heading, yield, and disease resistance. Six elite plants in total were selected from these two sources and crossed to form KDg501. Breeder: 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	tetraploid
Plant	time of inflorescence emergence (after vernalisation)	medium to late
Plant	length of longest stem, inflorescence included (when fully expanded)	medium

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Kid'	
'Ella'	
'Grasslands Wana'	
'Grasslands Vision'	
'Grasslands Kara'	
'Porto'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ella'	Plant	time of inflorescence emergence	medium to late	early to medium	
'Grasslands Vision'	Plant	tiller density	high	medium	
'Grasslands Kara'	Foliage	fineness (at vegetative growth stage)	medium	coarse	
'Grasslands Wana'	Plant	length of upper internode	medium	short to medium	
'Porto'	Plant	aftermath heads	few	many	

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

Organ/Plant Part: Context	'Savvy'	'Kid'
☐ Foliage: fineness	medium	coarse
☐ Leaf: intensity of green colour	medium	medium to dark
☐ Plant: growth habit at inflorescence emergence	intermediate	intermediate

Statistical Table		
Organ/Plant Part: Context	**'Savvy'**	**'Kid'**
☐ Plant: time of inflorescence emergence (av) (days)		
Mean	68.00 cm	65.23 cm
Std. Deviation	9.10 cm	6.25 cm
LSD/sig	4.47	ns
☐ Stem: length of upper internode (cm)		
Mean	309.92	332.42
Std. Deviation	50.61	65.07
LSD/sig	40.52	ns
☐ Inflorescence: length (cm)		
Mean	192.06	241.32
Std. Deviation	40.11	108.03

LSD/sig	37.22	P≤0.01
☐ Flag leaf: length (cm)		
Mean	197.58	211.92
Std. Deviation	51.26	47.50
LSD/sig	44.23	ns
☑ Flag leaf: width (cm)		
Mean	10.55	12.64
Std. Deviation	1.77	1.83
LSD/sig	1.25	P≤0.01
☐ Stem: length of longest stem including inflorescence (cm)		
Mean	801.25	812.23
Std. Deviation	92.58	98.76
LSD/sig	81.13	ns

Prior Applications and Sales:

Country	Year	Status	Name Applied
New Zealand	2011	Granted	'Savvy'

Prior Sale: Nil

Description: **Joy Lin, Grasslanz** Technology Ltd. Palmerston North, New Zealand.

Details of Application	
Application Number	2017/089
Variety Name	'Sepire'
Genus Species	*Cucumis sativus*
Common Name	Cucumber
Synonym	Nil
Accepted Date	04 May 2017
Applicant	Nunhems B.V.The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	John Oates
Details of Comparative Trial	
Location	Virginia, South Australia
Descriptor	Cucumber (*Cucumis sativus*)TG/61/7 Rev.2 Corr.
Period	August -November 2017
Conditions	In ground, under plastic cover, drip irrigation as required.
Trial Design	In rows, in commercial planting at least 30 plants per replicate, three replicates.
Measurements	As per UPOV Guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: The Variety is maintained by the controlled hybridization of two double haploid lines produced and maintained by the breeder. Both lines have been developed within Nunhems in door long cucumber breeding program for indoor. The main selection character has been fruit quality. No off types have been observed. Breeder: Nunhems B.V., The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	length	long to very long
Fruit	ground colour of skin at market stage	green
Plant	sex expression	gynoecious
Ovary	colour of vestiture	white
Parthenocarpy	present/absent	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kasja'	
'Mastil'	

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

Organ/Plant Part: Context	'Sepire'	'Kasja'	'Mastil'
☐ Plant: growth type	indeterminate	indeterminate	indeterminate
☐ Plant: vigour	strong	strong	strong
☐ Plant: total length of first 15 internodes	medium	medium	medium
☐ Leaf: size of blade	large	large	large
☐ Leaf: intensity of green colour	medium to dark	medium to dark	medium to dark
☐ Leaf: blistering	absent or very weak	absent or very weak	absent or very weak
☐ Leaf: undulation of margin	absent or very weak	absent or very weak	absent or very weak
☐ *Plant: sex expression	almost exclusively female flowers	almost exclusively female flowers	almost exclusively female flowers
☐ Plant: number of female flowers per node	one to three	one to three	one to three
☐ *Young fruit: type of vestiture	hairs only	hairs only	hairs only
☐ Young fruit: density of vestiture	medium	medium	medium
☐ *Young fruit: colour of vestiture	white	white	white
☐ *Parthenocarpy:	present	present	present
☐ *Fruit: length	long to very long	long to very long	long to very long
☐ Fruit: diameter	small to medium	small to medium	medium
☐ Fruit: ratio length/diameter	medium	medium	medium
☐ Fruit: core diameter in relation to diameter of fruit	small	small	small
☐ *Fruit: predominant shape of stem end at market stage	necked	necked	necked
☐ Fruit: length of neck	medium	medium	medium
☐ Fruit: shape of calyx end at market stage	obtuse	obtuse	obtuse
☐ *Fruit: ground colour of skin at market stage	green	green	green
☐ Fruit: intensity of ground colour of skin	medium	medium to dark	medium to dark
☑ *Fruit: ribs	absent	absent	absent
☑ Fruit: vestiture	medium to dense	very sparse to sparse	medium
☐ Fruit: warts	absent	absent	absent
☐ Fruit: stripes	absent	absent	absent

☐ Fruit: mottling	absent	absent	absent
☐ Fruit: length of peduncle	medium	medium	medium
☐ Time of: development of female flowers	early	early	early
☐ Fruit: bitterness	absent	absent	absent
☑ Resistance to: Cladosporium cucumerinum	present	absent	present
☑ Resistance to: Cucumis Mosaic Virus (CMV)	present	absent	absent
☑ Resistance to: powdery mildew (Sphaerotheca fuliginea)	present	present	absent
☑ Resistance to: powdery mildew (Erysiphe cichoriacearum)	present	present	absent
☑ Resistance to: Corynespora melonis	present	absent	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Mexico	2017	Applied	‘Sepire’

First sold in Canada in July 2015.

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

Details of Application	
Application Number	2009/205
Variety Name	'SUGRATHIRTYFOUR'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	'SG34'
Accepted Date	29 Oct 2009
Applicant	Sun World International LLC, Bakersfield, California, USA
Agent	Corrs Chambers Westgarth Lawyers, Melbourne, Victoria
Qualified Person	Garth Swinburn
Details of Comparative Trial	
Location	Newton Avenue, Irymple, VIC, Australia
Descriptor	Vitis TG/50/9
Period	September 2015-June 2018
Conditions	Vines were managed by commercial growers and received full pest and disease control, irrigation, nutrition and pruning programs. There were no signs of any abnormalities in the vines during the evaluation period.
Trial Design	16 Vines each of the Candidate and Comparator were planted in a variety evaluation block.
Measurements	Measurements were taken in metric system following UPOV test guidelines
RHS Chart - edition	1986 Reprint
Origin and Breeding	
Controlled Pollination: The parent varieties, '91171-094-492' (seed parent) and '92167-052-375' (pollen parent), were first crossed in May 1999. From the initial population of hybrid ovules, embryo rescue methods were used to produce a population from which the present variety was selected. The first date of sowing was August 1999, and the date of first flowering was May 2003. The new variety 'Sugrathirtyfour'□ was asexually propagated in December 2003, in Wasco, Kern County, California, using hardwood cuttings. Successive propagations have shown the variety to maintain its distinguishing characteristics. Breeder: David W. Cain and Michael Striem, Sun World International LLC.	

Choice of Comparators Characteristics 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	Time of veraison	mid-late season
Fruit	Skin colour	dark purple black

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Autumn Royal'	
'SUGRATHIRTEEN'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'SUGRATHIRTEEN'	Fruit	Harvest Timing	Late	Early	

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

Organ/Plant Part: Context	'Sugrathirtyfour'	'Autumn Royal'
☐ *Time of: bud burst	late	late
☐ *Young shoot: openness of tip	half open	half open
☐ *Young shoot: prostrate hairs on tip	absent or very sparse	absent or very sparse
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
☐ Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
☑ *Young leaf: colour of upper side of blade	light copper red	dark copper red
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Shoot: attitude (before tying)	semi-erect	semi-erect
☐ Shoot: colour of dorsal side of internodes	green and red	green and red
☐ *Shoot: colour of ventral side of internodes	green	green and red
☐ Shoot: colour of dorsal side of nodes	green and red	green and red
☐ Shoot: colour of ventral side of nodes	green	green and red
☐ Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
☐ Shoot: length of tendrils	medium	medium to long
☐ *Mature leaf: size of blade	medium	medium
☐ *Mature leaf: shape of blade	circular	circular

☐ Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak
☐ *Mature leaf: number of lobes	five	five
☐ Mature leaf: depth of upper lateral sinuses	shallow to medium	shallow to medium
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	closed	open
☐ *Mature leaf: arrangement of lobes of petiole sinus	wide open	wide open
☐ *Mature leaf: length of teeth	long	long
☐ *Mature leaf: ratio length/width of teeth	large	large
☐ *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	one side concave, one side convex
☐ *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	very low to low	very low to low
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	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
☐ Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter
☐ *Time of: beginning of berry ripening	late	late
☐ *Bunch: size (peduncle excluded)	medium	medium to large
☐ *Bunch: density	medium	medium
☐ Bunch: length of peduncle of primary bunch	medium	medium
☑ *Berry: size	large to very large	large
☑ *Berry: shape	broad ellipsoid	narrow ellipsoid
☑ *Berry: colour of skin (without bloom)	blue black	dark red violet
☐ Berry: ease of detachment from pedicel	moderately easy	moderately easy
☐ Berry: thickness of skin	thin	medium
☐ *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
☐ Berry: firmness of flesh	moderately firm	moderately firm
☐ *Berry: particular flavour	none	herbaceous
☑ *Berry: formation of seeds	rudimentary	complete
☐ Woody shoot: main colour	orange brown	reddish brown

Prior Applications and Sales:

No prior sale and applications.

Description: **Karen Connolly**, Sun World International LLC, Mildura, Victoria

Details of Application	
Application Number	2011/240
Variety Name	'SUGRATHIRTYFIVE'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	'SUGRA35'
Accepted Date	22 Nov 2011
Applicant	Sun World International LLC, Bakersfield, California, USA
Agent	Corrs Chambers Westgarth, Melbourne, Victoria
Qualified Person	Garth Swinburn

Details of Comparative Trial	
Location	Newton Avenue, Irymple, VIC, Australia
Descriptor	Vitis TG/50/9
Period	September 2016-June 2018
Conditions	Vines were managed by commercial growers and received full pest and disease control, irrigation, nutrition and pruning programs. There were no signs of any abnormalities in the vines during the evaluation period
Trial Design	16 Vines each of the Candidate and Comparator were planted in a variety evaluation block.
Measurements	Measurements were taken in metric system following UPOV test guideline
RHS Chart - edition	1986 Reprint

Origin and Breeding

Controlled pollination: 2004: Crossing plan by breeder 2. 2004: Collection of pollen from pollen parent 3. 2004: Pollination. Applying pollen by hand to seed parent 4. 2004: Collection of fruit and embryo rescue to germinate the hybrid seed 5. 2004-2005: Growth in greenhouse after germination 6. 2005: planting of hybrid seedlings in seedling block 7. 2006: Selection of 04123-213-333 and propagation of test planting vines by rooted cuttings 8. 2007: Planting of rooted cuttings into commercial test block 9. 2007-2009: Testing in commercial test block 10. 2009: Patent filed: Sugrathirtyfive. 11. 2010: first commercial planting of Sugrathirtyfive in California. Breeder: Michael Striem, Redding, California, USA.

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Fruit	skin colour	white
Fruit	time of veraison	late
Friut	berry size	large

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'97148-027-365'	Maternal Parent
'Sugrathirtyone'	Pollen Parent
'Blanc Seedless' (Pristine)	
'Autumn King'	
'Sheegene 4' (Luisco)	
'Thompson Seedless'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Blanc Seedless' (Pristine)	Fruit	berry shape	broadly elliptic	elliptic	
'Blanc Seedless' (Pristine)	Fruit	berry flavour	mild muscat	neutral	
'Autumn King'	Fruit	berry shape	broadly elliptic	Round-Oval	
'Autumn King'	Fruit	Seed Size	rudimentary-small	medium-noticeable	
'Autumn King'	Fruit	harvest timing	late February	mid-March	
'Thompson Seedless'	Fruit	berry shape	broadly elliptic	narrow elliptic	
'Thompson Seedless'	Fruit	harvest timing	late February	late January	
'97148-027-365'	Fruit	berry size	large	medium	
'Sugrathirtyone'	Fruit	berry size	large	medium	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.		
Organ/Plant Part: Context	**'SUGRATHIRTYFIVE'**	**'Sheegene 4' (Luisco)'**
☐ *Time of: bud burst	late	late
☐ *Young shoot: openness of tip	half open	half open
☐ *Young shoot: prostrate hairs on tip	absent or very sparse	medium
☐ *Young shoot: anthocyanin colouration of	absent or very weak	absent or very weak

prostrate hairs on tip		
☐ Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
☑ *Young leaf: colour of upper side of blade	light copper red	dark copper red
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Shoot: attitude (before tying)	semi-erect	semi-erect
☑ Shoot: colour of dorsal side of internodes	green	green and red
☑ *Shoot: colour of ventral side of internodes	green	green and red
☐ Shoot: colour of dorsal side of nodes	green	green
☐ Shoot: colour of ventral side of nodes	green	green
☐ Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
☐ Shoot: length of tendrils	short to medium	medium
☐ *Mature leaf: size of blade	medium	medium
☐ *Mature leaf: shape of blade	pentagonal	pentagonal
☐ Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak
☐ *Mature leaf: number of lobes	three	three
☑ Mature leaf: depth of upper lateral sinuses	shallow	deep to very deep
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped
☑ *Mature leaf: arrangement of lobes of petiole sinus	half open	wide open
☐ *Mature leaf: length of teeth	medium	short to medium
☐ *Mature leaf: ratio length/width of teeth	medium	medium
☐ *Mature leaf: shape of teeth	both sides convex	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
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	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

☐ Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter
☐ *Time of: beginning of berry ripening	late	late
☐ *Bunch: size (peduncle excluded)	medium	medium
☐ *Bunch: density	medium	lax
☐ Bunch: length of peduncle of primary bunch	medium	medium
☑ *Berry: size	large	medium to large
☐ *Berry: shape	broad ellipsoid	ovoid
☐ *Berry: colour of skin (without bloom)	yellow green	green
☐ Berry: ease of detachment from pedicel	moderately easy	moderately easy
☐ Berry: thickness of skin	medium	thin
☐ *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
☐ Berry: firmness of flesh	very firm	moderately firm
☑ *Berry: particular flavour	muscat	none
☐ *Berry: formation of seeds	rudimentary	none
☑ Woody shoot: main colour	yellowish brown	reddish brown

Prior Applications and Sales:

No prior sale and applications.

Description: **Karen Connolly**, Sun World International LLC, Mildura, Victoria
*

Details of Application	
Application Number	2014/046
Variety Name	'SUGRATHIRTYEIGHT'
Genus Species	*Vitis vinifera*
Common Name	Grape vine
Synonym	'Sugra38'
Accepted Date	21 Mar 2014
Applicant	Sun World International, LLC, Bakersfield, California, USA
Agent	Corrs Chambers Westgarth, Melbourne, VIC
Qualified Person	Garth Swinburn
Details of Comparative Trial	
Location	Newton Avenue, Irymple, VIC, Australia
Descriptor	Vitis TG/50/9
Period	September 2015-April 2018
Conditions	Vines were managed by commercial growers and received full pest and disease control, irrigation, nutrition and pruning programs. There were no signs of any abnormalities in the vines during the evaluation period
Trial Design	16 Vines each of the Candidate and Comparator were planted in a variety evaluation block.
Measurements	Measurements were taken in metric system following UPOV test guideline
RHS Chart - edition	1986
Origin and Breeding	
Controlled pollination: May 2004: Pollen collected from pollen parent and later applied to maternal parent flowers. July 2004: Hybridized fruit collected and embryos processed in Embryo Rescue Lab. October 2004: Hybridized plants transplanted from lab to greenhouse. March 2005: Hybridized plants transplanted from greenhouse to field. August 2006: Candidate variety selected from the hybrid progeny and named "04129-214-045". November 2006: "04129-214-045" propagated by rooted cuttings and 27 vines grown in greenhouse during winter. March 2007: 27 vines planted in commercial test block and tested for several years. September 2010: US Plant Patent application filed and candidate variety was renamed, 'Sugrathirtyeight'. Breeder: Michael Striem, Rehovot, Israel.	

Choice of Comparators Characteristics 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	maturity	mid-season
Berry	colour	red
Berry	size	large

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Flame Seedless'	
'Crimson Seedless'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Flame Seedless'	Fruit	size	large	medium	
'Flame Seedless'	Fruit	shape	obtuse ovoid	round	
'Flame Seedless'	Fruit	maturity	later	earlier	

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

Organ/Plant Part: Context	**'Sugrathirtyeight'**	**'Crimson Seedless'**
☐ *Time of: bud burst	late	late
☐ *Young shoot: openness of tip	half open	half open
☐ *Young shoot: prostrate hairs on tip	sparse to medium	medium
☐ *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
☐ Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
☐ *Young leaf: colour of upper side of blade	light copper red	light copper-red
☐ *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
☐ Shoot: attitude (before tying)	semi-erect	semi-erect
☐ Shoot: colour of dorsal side of internodes	green and red	red
☐ *Shoot: colour of ventral side of internodes	green and red	red
☐ Shoot: colour of dorsal side of nodes	green and red	red
☐ Shoot: colour of ventral side of nodes	green and red	red
☐ Shoot: erect hairs on internodes	absent or very	absent or very sparse

	sparse	
☐ Shoot: length of tendrils	medium	medium
☐ *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
☐ *Mature leaf: size of blade	medium	medium
☐ *Mature leaf: shape of blade	pentagonal	pentagonal
☐ Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak
☐ *Mature leaf: number of lobes	five	five
☑ Mature leaf: depth of upper lateral sinuses	deep	shallow to medium
☐ Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	open	strongly overlapped
☐ *Mature leaf: arrangement of lobes of petiole sinus	slightly open	
☐ *Mature leaf: length of teeth	short to medium	medium
☐ *Mature leaf: ratio length/width of teeth	small	medium
☐ *Mature leaf: shape of teeth	both sides convex	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
☐ Mature leaf: prostrate hairs between main veins on lower side of blade	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
☐ Mature leaf: length of petiole compared to length of middle vein	much shorter	moderately shorter
☐ *Time of: beginning of berry ripening	medium	medium
☐ *Bunch: size (peduncle excluded)	large	medium
☐ *Bunch: density	medium	medium
☐ Bunch: length of peduncle of primary bunch	medium	medium
☑ *Berry: size	large	medium
☑ *Berry: shape	obtuse ovoid	narrow ellipsoid
☐ *Berry: colour of skin (without bloom)	red	red
☐ Berry: ease of detachment from pedicel	moderately easy	moderately easy
☐ Berry: thickness of skin	medium	medium
☐ *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak

Berry: firmness of flesh	very firm	moderately firm
*Berry: particular flavour	none	none
*Berry: formation of seeds	rudimentary	absent
Woody shoot: main colour	reddish brown	reddish brown

Prior Applications and Sales:

Country	Year	Status	Name Applied
USA	2010	Granted	'Sugrathirtyeight'
Mexico	2012	Granted	'Sugrathirtyeight'
Brazil	2012	Granted	'Sugrathirtyeight'
South Africa	2012	Granted	'Sugrathirtyeight'
Peru	2013	Granted	'Sugrathirtyeight'

First sold on 27th September 2012 in the USA as 'Sugrathirtyeight'

Description: **Karen Connolly**, Sun World International LLC, Mildura, VIC.

Details of Application	
Application Number	2014/001
Variety Name	'DrisBlackSix'
Genus Species	*Rubus* subgenus *Rubus*
Common Name	Hybrid Blackberry
Synonym	Nil
Accepted Date	22 Jan 2014
Applicant	Driscoll's, Inc., Watsonville, California, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial	
Overseas Testing Authority	United States Patent & Trademark Office (USPTO)
Overseas Data Reference Number	PP25502
Location	Santa Cruz County, California USA
Descriptor	Blackberry TG/43/7
Period	2010-2012
Conditions	Plants are grown in tunnels under standard blackberry production guidelines
Trial Design	Completely randomised
Measurements	Measurements and observations were taken from randomly selected plants
RHS Chart - edition	2015

Origin and Breeding

Controlled pollination: This new variety 'DrisBlackSix' originated as seedling in a controlled crossing between the proprietary female parent 'BF785-1' (unpatented and the proprietary pollen parent 'Driscoll Cowles' (US PP14780). The original seedling was asexually propagated and tested over three years and maintained the desired characteristics of high yields, long production season and vigorous plants. Breeders: Gavin R Sills, Andrea M Pabon and Stephen B Moyles all employees of Driscoll Strawberry Associates Inc. Watsonville, California US.

Choice of Comparators Characteristics 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
Fruiting	on current years cane	absent
Plant	spines	absent
Dormant cane	length	long
Flower	diameter	medium
Leaf	type	Palmate

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'DrisBlackFifteen'	US Plant Patent PP27130 a floricane variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'BF785-1'	Plant	spines	absent	present	
'BF785-1'	Fruit	size	medium	large	
'Driscoll Cowles''	Plant	time of harvest	medium	late	

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

Organ/Plant Part: Context	**'DrisBlackSix'**	**'DrisBlackFifteen'**
☐ *Plant: growth habit	semi-upright	semi-upright
☑ Plant: number of new canes	few	many
☐ Dormant cane: length	long	long
☐ Dormant cane: diameter	medium	medium
☑ *Dormant cane: anthocyanin colouration	strong	medium
☐ Dormant cane: number of branches	medium	medium
☐ Dormant cane: predominant distribution of branches	over whole length	over whole length
☐ *Dormant cane: cross section	rounded to angular	rounded
☐ *Dormant cane: spines	absent	absent
☑ Young shoot: anthocyanin colouration	strong	weak
☐ Young shoot: intensity of green colour	medium	medium
☑ Young shoot: number of glandular hairs	medium	absent or few
☑ Terminal leaflet: length	short	medium
☐ Terminal leaflet: width	medium	medium
☐ Terminal leaflet: lobing	absent	absent
☐ Terminal leaflet: shape in cross-section	u-shaped	u-shaped
☑ Terminal leaflet: undulation of margin	weak	strong
☐ Terminal leaflet: blistering between veins	weak	weak to medium
☐ Leaflet: type of incision of margin	serrate	bi-serrate
☐ Leaflet: depth of incisions	shallow	medium
☐ *Leaf: predominant number of leaflets	three	three
☐ *Leaf: type	palmate	palmate
☐ Leaf: intensity of green colour of upper side	medium	medium
☐ Leaf: glossiness of upper side	medium	weak

☑ Petiole: size of stipules	medium	large
☐ Flower: diameter	medium	medium
☐ Flower: colour of petal	white	white
☐ Fruiting lateral: length	medium	short to medium
☐ Fruit: length	medium to long	long
☐ Fruit: width	medium	medium
☐ Fruit: ratio length/width	large	medium to large
☐ Fruit: number of drupelets	many	medium to many
☐ Fruit: size of drupelet	medium	medium
☐ Fruit: shape in longitudinal section	narrow ovate	long conical
☐ Fruit: colour	black	black
☐ Time of: leaf bud burst	early to medium	medium
☐ *Fruiting: on current year's cane	absent	absent
☐ *Time of: beginning of flowering on previous yearâ€™s cane	early	medium
☐ *Time of: beginning of fruit ripening on previous year's cane	medium	medium to late

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'DrisBlackSix'**	**'DrisBlackFifteen'**
☐ Young Shoot: Anthocyanin colouration	183A	178B
☑ Leaf: colour of upper side	143A	136A
☐ Leaf: type	palmate	palmate

Prior Applications and Sales:

Country	Year	Status	Name Applied
Canada	2014	Granted	'DrisBlackSix'
EU	2014	Applied	'DrisBlackSix'
Mexico	2013	Granted	'DrisBlackSix'
Morocco	2014	Applied	'DrisBlackSix'
New Zealand	2017	Applied	'DrisBlackSix'
South Africa	2014	Applied	'DrisBlackSix'
Ukraine	2016	Applied	'DrisBlackSix'

First sold in the USA in June 2012.

Description: **Margaret Zorin**, 167 Collingwood Road, Birkdale, QLD.

Details of Application	
Application Number	2014/066
Variety Name	'Freedom'
Genus Species	*Hydrangea macrophylla*
Common Name	Hydrangea
Synonym	Nil
Accepted Date	05 Jun 2014
Applicant	Ryojie Irie, Kyoto, Japan
Agent	Plants Management Australia Pty. Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial	
Location	Wonga Park, VIC
Descriptor	Hydrangea (*Hydrangea*) TG/133/4
Period	October 2017 to January 2018
Conditions	Trial conducted in the open, plants received in October 2017 and potted into 200mm pots. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomized design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: `FREEDOM` was derived from an ongoing controlled breeding program by the Inventor that focuses on developing new cultivars of bigleaf hydrangeas with unique flower colors and double flowers. `FREEDOM` originated from a cross conducted in the Inventor's trial garden in June 1996 in Kyoto, Japan between an unnamed plant of Hydrangea macrophylla from the Inventor's breeding program as the female parent and Hydrangea macrophylla `Yamaajisai` (not patented) as the male parent. The new Hydrangea was selected as a unique single plant from the progeny of the cross in 2000. All generations have remained uniform and stable. Breeder: Ryojie Irie, Kyoto, 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**
Inflorescence	shape	globular
Infloresence	conspicuousness of fertile flowers	inconspicuous or slightly conspicuous
Sterile Flower	type	double

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Peace'	
'Perfection'	

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

Organ/Plant Part: Context	'Freedom'	'Peace'	'Perfection'
☐ *Plant: type	non-climbing	non-climbing	non-climbing
☐ *Plant: growth habit (varieties with plant type: nonclimbing only)	upright	semi upright	upright
☐ *Plant: natural height including inflorescence (varieties with plant type: nonclimbing only)	medium	medium	medium
☐ *Stem: fasciation	absent	absent	absent
☐ *Stem: colour	green	green	green
☐ *Leaf blade: length	long	long	long
☐ Leaf blade: width	medium	medium	medium
☐ *Leaf blade: lobing	absent	absent	absent
☐ Leaf blade: shape (varieties with leaf blade lobing: absent only)	ovate	elliptic	elliptic
☐ *Leaf blade: length of tip	short	short	medium
☐ Leaf blade: shape of base	obtuse	acute	obtuse
☑ Leaf blade: depth of incisions	medium	shallow	very shallow to shallow
☐ *Leaf blade: variegation	absent	absent	absent
☐ *Leaf blade: main colour	medium green	medium green	medium green
☐ Leaf blade: glossiness of upper side	absent or weak	absent or weak	absent or weak
☐ *Inflorescence: shape	globular	globular	globular
☑ Inflorescence: height	medium	short	short
☐ Inflorescence: diameter	medium	medium	medium
☐ *Inflorescence: conspicuousness of fertile flowers	inconspicuous or slightly conspicuous	inconspicuous or slightly conspicuous	inconspicuous or slightly conspicuous
☑ *Sterile flower: diameter of calyx	medium	medium	small
☐ *Sterile flower: type	double	double	double
☐ Sterile flower: degree of overlapping of sepals	strong	strong	strong
☐ *Sterile flower: incisions of margin of sepal	absent on all sepals	absent on all sepals	absent on all sepals
☑ *Sterile flower: main colour of sepal (RHS Colour Chart)	65A	69B	62A
☐ *Sterile flower: secondary colour of sepal	absent	absent	absent
☐ *Time of: beginning of flowering	early to	medium	early to

	medium		medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Freedom'	'Peace'	'Perfection'
☑ Leaf blade: blistering	weak to medium	very weak	weak to medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Granted	'Freedom'
USA	2010	Granted	'Freedom'

First sold in EU in 2011

Description: **Steve Eggleton**, Wonga Park, VIC 3115.

Details of Application	
Application Number	2014/064
Variety Name	'Peace'
Genus Species	*Hydrangea macrophylla*
Common Name	Hydrangea
Synonym	Nil
Accepted Date	05 Jun 2014
Applicant	Ryojie Irie, Kyoto, Japan
Agent	Plants Management Australia Pty. Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial	
Location	Wonga Park, VIC
Descriptor	Hydrangea (*Hydrangea*) TG/133/4
Period	October 2017 to January 2018
Conditions	Trial conducted in the open, plants received in October 2017 and potted into 200mm pots. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomized design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: `PEACE` was derived from an ongoing controlled breeding program by the Inventor that focuses on developing new cultivars of bigleaf hydrangeas with unique flower colors and double flowers. `PEACE` originated from a cross conducted in the Inventor's trial garden in June 1996 in Kyoto, Japan between an unnamed plant of Hydrangea macrophylla as the female parent and Hydrangea macrophylla `Yamaajisai` (not patented) as the male parent. The new Hydrangea was selected as a unique single plant from the progeny of the cross in 2000. All subsequent generations have been uniform and stable. Breeder: Ryojie Irie, Kyoto, 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**
Inflorescence	shape	globular
Inflorescence	conspicuousness of fertile flowers	inconspicuous or slightly conspicuous
Sterile Flower	type	double

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Freedom'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Hanabi'	Inflorescence	conspicuousness of fertile flowers	inconspicuous or lightly conspicuous	very conspicuous	

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

Organ/Plant Part: Context	'Peace'	'Freedom'
☐ *Plant: type	non-climbing	non-climbing
☐ *Plant: growth habit (varieties with plant type: nonclimbing only)	semi upright	upright
☐ *Plant: natural height including inflorescence (varieties with plant type: nonclimbing only)	medium	medium
☐ *Stem: fasciation	absent	absent
☐ *Stem: colour	green	green
☐ *Leaf blade: length	long	long
☐ Leaf blade: width	medium	medium
☐ *Leaf blade: lobing	absent	absent
☐ Leaf blade: shape (varieties with leaf blade lobing: absent only)	elliptic	ovate
☐ *Leaf blade: length of tip	short	short
☐ Leaf blade: shape of base	acute	obtuse
☑ Leaf blade: depth of incisions	shallow	medium
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: main colour	medium green	medium green
☐ Leaf blade: glossiness of upper side	absent or weak	absent or weak
☐ *Inflorescence: shape	globular	globular
☑ Inflorescence: height	short	medium
☐ Inflorescence: diameter	medium	medium
☐ *Inflorescence: conspicuousness of fertile flowers	inconspicuous or slightly conspicuous	inconspicuous or slightly conspicuous
☐ *Sterile flower: diameter of calyx	medium	medium
☐ *Sterile flower: type	double	double
☐ Sterile flower: degree of overlapping of sepals	strong	strong
☐ *Sterile flower: incisions of margin of sepal	absent on all sepals	absent on all sepals

☑ *Sterile flower: main colour of sepal (RHS Colour Chart)	69B	65A
☐ *Sterile flower: secondary colour of sepal	absent	absent
☐ *Time of: beginning of flowering	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Peace'	'Freedom'
☑ Leaf blade: blistering	very weak	weak to medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2009	Granted	'Peace'
USA	2010	Granted	'Peace'

First sold in EU in 2011

Description: **Steve Eggleton**, Wonga Park, VIC 3115.

Details of Application	
Application Number	2015/064
Variety Name	'Rendia'
Genus Species	*Hydrangea paniculata*
Common Name	Hydrangea
Synonym	Diamondrouge
Accepted Date	24 Apr 2015
Applicant	Jean Renault, Gorron, France.
Agent	Plants Management Australia Pty. Ltd, Dodges Ferry, TAS.
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	Hydrangea (*Hydrangea*) TG/133/4
Period	May 2016 to January 2018
Conditions	Trial conducted in the open with overhead irrigation, plants transferred form tubes to 200mm pots in May 2016 and transferred to 250mm pots in October 2017. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: Hydrangea *paniculata* breeding program commenced in 1987 with the aim of bringing superior habit and flowering characteristic to the horticultural market. Crosses were made in 2001 from multiple (non commercialised) selection from the breeding program. The seedlings were raised and grown to maturity where, after 5 years of evaluation, one selection was made 2007. In May 2007 cutting were taken to reproduce and evaluate the second generation. Selection criteria Mature flower colour red, time of mature flower colour early. All generations have remained uniform and stable. Breeder: Jean Renault, Gorron, 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**
Inflorescence	shape	conical
Sterile Flower	type	single
Time of	beginning of flowering	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Rensun'	
'Wims Red'	

'Candlelight'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'DVP Pinky'	Time of	beginning of flowering	medium	early	

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

Organ/Plant Part: Context	'Rendia'	'Candlelight'	'Rensun'	'Wims Red'
☐ *Plant: type	non-climbing	non-climbing	non-climbing	non-climbing
☐ *Plant: growth habit (varieties with plant type: nonclimbing only)	upright	upright	upright	upright
☑ *Plant: natural height including inflorescence (varieties with plant type: nonclimbing only)	medium	medium	tall	medium to tall
☐ *Stem: fasciation	absent	absent	absent	absent
☑ *Leaf blade: length	short to medium	medium to long	medium to long	long
☐ *Leaf blade: lobing	absent	absent	absent	absent
☐ Leaf blade: shape (varieties with leaf blade lobing: absent only)	ovate	elliptic	elliptic	elliptic
☐ *Leaf blade: length of tip	short	medium	medium	medium
☐ Leaf blade: shape of base	rounded	rounded	acute	rounded
☐ Leaf blade: depth of incisions	very shallow	very shallow to shallow	shallow	shallow
☐ *Leaf blade: variegation	absent	absent	absent	absent
☐ *Leaf blade: main colour	light green	medium green	dark green	dark green
☐ Leaf blade: glossiness of upper side	absent or weak	absent or weak	moderate	absent or weak
☐ *Inflorescence: shape	conical	conical	conical	conical
☑ Inflorescence: height	short	medium	medium	medium to tall
☐ Inflorescence: diameter	medium	large	medium to large	large
☐ *Inflorescence: conspicuousness of fertile flowers	moderately conspicuous	very conspicuous	inconspicuous or slightly conspicuous	very conspicuous
☐ *Sterile flower: diameter of calyx	medium to large	small	small	medium to large
☐ *Sterile flower: type	single	single	single	single
☐ Sterile flower: degree of	weak	medium	weak	strong

overlapping of sepals				
*Sterile flower: incisions of margin of sepal	absent on all sepals	absent on all sepals	absent on all sepals	present on some sepals
*Sterile flower: main colour of sepal (RHS Colour Chart)	155B	NN155A	155C	155B
*Sterile flower: secondary colour of sepal	absent	absent	absent	absent
*Time of: beginning of flowering	medium	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Rendia'	'Candlelight'	'Rensun'	'Wims Red'
Stem: colour	reddish brown	reddish brown	reddish brown	reddish brown
Fertile flower: colour of petals	absent	white	absent	white
Time of: mature flower colour	early	medium	medium to late	very early
Sterile Flower: colour at maturity (RHS colour chart)	58C	58A	64A	63B+C

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2005	Granted	'Rendia'
USA	2014	Granted	'Rendia'

First sold in Netherlands in Aug 2011.

Description: **Steve Eggleton**, Wonga Park, VIC 3115.

Details of Application	
Application Number	2009/335
Variety Name	'Skelton A19'
Genus Species	*Actinidia chinensis*
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	23 Dec 2009
Applicant	Enzafruit New Zealand International Limited, New Zealand.
Agent	Shelston IP, Sydney, NSW
Qualified Person	John Oates
Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	KIW026 (Grant no. 30663)
Location	Turners and Growers Research, Kerikeri
Descriptor	TG/98/7
Period	2012-2017
Conditions	N/A
Trial Design	N/A
Measurements	As per UPOV Guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Numerous plants of the maternal parent were mass pollinated by the paternal parent. The 'Skelton A19' plant first flowered in 1998 and first fruit occurred in 1999. Evaluation of the vine and fruit indicated distinctive differences to the parent and other varieties and lines also grown in the control pollination seedling trials. Wood from 'Skelton A19' was grafted on 10 deliciosa and 10 chinensis vines and confirmed as being true to type. Further grafting trials on the Huntly property have produced the same results. Breeder: Donald Skelton.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	shape	obovate
Fruit	stylar end	weakly blunt protruding
Fruit	colour of locules	greenish yellow
Fruit	time of maturity to harvest	medium
Fruit	weight	medium to high
Fruit	hairiness of skin	present
Fruit	colour of outer pericarp	medium yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zesy033'	
'Summer3373'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort 16A'	Fruit	stylar end	weakly blunt protruding	strongly blunt protruding	
'Hort 16A'	fruit	time of maturity to harvest	medium	late	

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

Organ/Plant Part: Context	'Skelton A19'	'Summer3373'	'Zesy033'
*Plant: sex	female		
Plant: self fruit setting	absent		
Plant: vigour	medium		
*Young shoot: density of hairs	sparse		
*Young shoot: anthocyanin colouration of growing tip	absent or very weak		
*Stem: thickness	medium		
*Stem: colour of shoot on sunny side	purple brown		
Stem: texture of bark	smooth		
Stem: density of hairs	absent or sparse		
*Stem: size of lenticels	medium		
*Stem: number of lenticels	medium		
*Stem: prominence of bud support	medium		
*Stem: presence of bud cover	absent		
Stem: leaf scar	moderately depressed		
*Stem: pith	lamellate		
*Leaf blade: shape	ovate		
*Leaf blade: ratio length/width	intermediate		
*Leaf blade: shape of apex	acuminate		
*Leaf blade: basal lobes	touching each other		
Leaf blade: density of hairs on upper side	absent or very sparse		
Leaf blade: density of hairs on lower side	absent or very sparse		
*Leaf blade: intensity of green colour of upper side	medium		
*Leaf blade: colour of lower side	yellow green		
Leaf blade: variegation	absent		
*Leaf: length of petiole relative to blade	small to medium		
Petiole: anthocyanin colouration of upper	weak		

side			
Inflorescence: type	solitary		
Inflorescence: number of flowers	very few		
Flower: number of sepals	many		
*Flower: main colour of sepals	green		
Flower: density of sepal hairs	absent or sparse		
*Flower: diameter	medium		
*Flower: arrangement of petals	overlapping		
Flower: shape in profile	flat		
Flower: number of styles	many		
*Flower: attitude of styles	irregular		
Petal: main colour on adaxial side	white		
Petal: shading of main colour	even		
Petal: second colour on adaxial side	none		
Anther: colour	yellow orange		
*Fruit: weight	medium to high		
*Fruit: length	medium to long		
*Fruit: width	medium to broad		
*Fruit: ratio length/width	medium		
☑ *Fruit: shape	obovate	oblong	elliptic
*Fruit: shape in cross section (at median)	oblate		
*Fruit: stylar end	weakly blunt protruding		
Fruit: presence of calyx ring	medium expressed		
*Fruit: shape of shoulder at stalk end	truncate		
*Fruit: length of stalk	short		
*Fruit: length of stalk relative to length of fruit	short to medium		
Fruit: conspicuousness of lenticels on skin	medium		
*Fruit: hairiness of skin	present		
*Fruit: density of hairs	sparse		
Fruit: colour of hairs	yellow brown		
*Fruit: adherence of hairs to skin	strong		
*Fruit: colour of skin	light brown		
*Fruit: colour of outer pericarp	medium yellow		
*Fruit: colour of locules	greenish yellow		
*Fruit: width of core relative to fruit	medium		

*Fruit: general shape of core in cross section	transverse elliptic		
*Fruit: colour of core	yellow white		
Fruit: sweetness	medium to high		
Fruit: acidity	medium		
*Time of: vegetative bud burst	early		
*Time of: beginning of flowering	early to medium		
*Time of: maturity for harvest	medium		

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2007	Granted	'Skelton A19'
USA	2007	Granted	'Skelton A19'
Chile	2007	Granted	'Skelton A19'
New Zealand	2006	Granted	'Skelton A19'

First sold in Chile on 1st October 2007.

Description: **John Oates**, VF Solutions

Details of Application	
Application Number	2018/007
Variety Name	'Chiefton'
Genus Species	*Allium porrum*
Common Name	Leek
Synonym	Nil
Accepted Date	30 Jan 2018
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Ean Blackwell

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	PRE329
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	UPOV TG/85/7 & TP/85/2
Period	2015 - 2016
Conditions	In Accordance with UPOV guidelines
Trial Design	In Accordance with UPOV guidelines
Measurements	In Accordance with UPOV guidelines
RHS Chart - edition	N?A

Origin and Breeding

Open pollination: Male: HS family selection. Female sister brother cross.

Choice of Comparators Characteristics 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	width	medium
Leaf Blade	colour	blue green
Plant	length	medium to long
Shaft	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Belton'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Krypton'	Leaf blade	bending	weak	weak to medium	

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

Organ/Plant Part: Context	'Chiefton'	'Belton'
☐ Plant: height	medium to tall	
☐ Foliage: attitude	semi-erect	
☑ Leaf blade: bending	weak	medium
☑ Leaf blade: length	medium to long	long
☐ *Leaf blade: width	medium	medium
☐ *Leaf blade: colour	blue green	blue green
☐ Leaf blade: intensity of colour	dark	dark
☐ Leaf blade: anthocyanin colouration	absent or very weak	
☐ Leaf blade: waxiness	strong	
☐ *Plant: length	medium to long	medium to long
☐ *Shaft: length	medium	medium
☐ *Shaft: diameter	medium	
☐ Shaft: ratio length/diameter	small to medium	
☐ *Shaft: bulb formation	absent or very weak	
☐ Shaft: narrowing towards base	absent	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	'Chiefton'
The Netherlands	2015	Granted	'Chiefton'

Prior Sales: Nil

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

Details of Application	
Application Number	2012/270
Variety Name	'Ralph'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	31 Jul 2013
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent	Rijk Zwaan Australia Pty Ltd
Qualified Person	Arie Baelde

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, Raad voor Plantenrassen, The Netherland
Overseas Data Reference Number	SLA2990
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	UPOV/TG/13/11& TP 13/5
Period	2012-2014
Measurements	As according UPOV technical guideline
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: A modified line and pedigree selection method to select 'Ralph' out of a cross between 'Khan' and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. Main selection criteria: Strong blistering, Bremia-resistance, Nasonovia resistance Breeders: Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	Grasse or Latin lettuce
Plant	type of culture	in the open
Seed	color	white
Leaf	anthocyanin coloration	absent
Plant	Isolate Bl: 16	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Khan'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sucrine'	Plant	Resistance to *Bremia*	present	absent	

		lactucae isolate Bl:22-27			
'Sucrine'	Plant	resistance to *Nasonovia ribisnigri*	present	absent	
'Xanadu'	Plant	resistance to Bremia Bl: 17, 18, 20, 22, 24-27	present	absent	
'Rincon'	Plant	resistance to *Bremia* Bl:12	present	absent	

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

Organ/Plant Part: Context	'Ralph'	'Khan'
☐ *Seed: colour	white	white
☐ *Seedling: anthocyanin colouration	absent	absent
☐ Leaf: attitude at 10-12 leaf stage	erect	semi-erect
☐ Leaf blade: division	entire	entire
☐ *Plant: diameter	small to medium	small to medium
☐ *Plant: head formation	closed head	closed head
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	weak to medium	weak to medium
☐ Head: density	dense	medium to dense
☐ Head: size	small to medium	small to medium
☐ *Head: shape in longitudinal section	broad elliptic	circular
☐ Leaf: thickness	medium	thin to medium
☐ Leaf: attitude at harvest maturity	semi-erect	semi-erect
☐ Leaf: shape	obovate	circular
☐ Leaf: shape of tip	rounded	rounded
☐ *Leaf: hue of green colour of outer leaves	absent	absent
☑ *Leaf: intensity of colour of outer leaves	dark	medium to dark
☐ *Leaf: anthocyanin colouration	absent	absent
☑ Leaf: glossiness of upper side	medium	weak to medium
☐ *Leaf: blistering	strong	medium to strong
☐ Leaf: size of blisters	small to medium	small to medium
☐ *Leaf blade: degree of undulation of margin	absent or very weak	absent or very weak
☑ Leaf blade: incisions of margin on apical part	absent	present
☐ Leaf blade: venation	not flabellate	not flabellate
☐ Axillary: sprouting	weak	weak

Time of: harvest maturity	medium	medium
*Time of: beginning of bolting under long day conditions	late to very late	very late
Plant: fasciation	present	present
Plant: intensity of fasciation	weak	very weak
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present	present
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	present
Resistance to: *Lettuce Mosaic Virus (LMV) Strain Ls* 1	present	present
Resistance to: *Nasonovia ribisnigri biotype Nr*:0	present	present

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2011	Granted	'Ralph'
Netherlands	2011	Granted	'Ralph'

First sold in Spain in October 2011 and in Australia in December 2011.

Description: **Arie Baelde**, Rijk Zwaan Australia Pty Ltd., Daylesford, VIC.

Details of Application	
Application Number	2015/335
Variety Name	'Chicarita'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	16 Dec 2015
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., Delier, The Netherland
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, Raad voor Plantenrassen , The Netherland
Overseas Data Reference Number	SLA3498
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	UPOV/TG/13/11
Period	2015
Measurements	As according UPOV technical guideline
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: A modified line and a pedigree selection method to select 'Chicarita' (41-432 RZ) out of a cross between 'Rafael RZ' and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. Main selection criteria: Bremia resistance and no tipburn. Breeders: Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherland

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Plant	type	'Grasse'or Latin lettuce
Plant	type of culture	in the open
Seed	colour	white
Leaf	anthocyanin coloration	absent
Plant	time of beginning of bolting	late to very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Ralph'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Xanadu'	Plant	Resistance	resistant	susceptible	

		to:*Nasonovia ribisnigri biotype Nr*:0			

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

Organ/Plant Part: Context	'Chicarita'	'Ralph'
☐ *Seed: colour	white	white
☐ *Seedling: anthocyanin colouration	absent	absent
☐ Leaf: attitude at (10-12 leaf stage)	erect	erect
☐ Leaf blade: division	entire	entire
☐ *Plant: diameter	very small to small	small to medium
☐ *Plant: head formation	closed head	closed head
☑ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	strong	weak to medium
☐ Head: density	dense	dense
☐ Head: size	small	small to medium
☐ *Head: shape in longitudinal section	narrow elliptic	broad elliptic
☐ Leaf: thickness	medium to thick	medium
☐ Leaf: attitude at harvest maturity	erect	semi-erect
☑ *Leaf: shape	medium elliptic	obovate
☐ Leaf: shape of tip	rounded	rounded
☐ *Leaf: hue of green colour of outer leaves	absent	absent
☐ *Leaf: intensity of colour of outer leaves	medium to dark	dark
☐ *Leaf: anthocyanin colouration	absent	absent
☐ Leaf: glossiness of upper side	very weak to weak	medium
☑ *Leaf: blistering	very weak to weak	strong
☐ Leaf: size of blisters	very small to small	small to medium
☐ *Leaf blade: degree of undulation of margin	absent or very weak	absent or very weak
☐ Leaf blade: incisions of margin on apical part	absent	absent
☐ Leaf blade: venation	not flabellate	not flabellate
☑ Axillary: sprouting	strong	weak
☐ Time of: harvest maturity	late	medium
☐ *Time of: beginning of bolting under long day conditions	late to very late	late to very late
☐ Plant: fasciation	present	present

Plant: intensity of fasciation	weak	weak
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	absent	present
Resistance to: downy mildew *(Bremia lactucae*) Isolate Bl:15	absent	present
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	absent	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	absent	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	absent	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	absent	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	absent	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	absent	present
Resistance to: *lettuce mosaic virus (LMV) Strain* Ls 1	present	present
Resistance to: *Nasonovia ribisnigri biotype* Nr:0	present	present

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Chicarita'**	**'Ralph'**
Resistance to : Downy mildew Islolate Bl: 29	present	

Resistance to : Downy mildew Islolate Bl: 30	present	
Resistance to : Downy mildew Islolate Bl: 31	absent	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	'Chicarita'
Netherland	2014	Granted	'Chicarita'

First sold in Germany in April 2015 and in Australia in October 2015.

Description: **Arie Baelde**, Rijk Zwaan Australia Pty Ltd., Daylesford, VIC.

Details of Application	
Application Number	2016/034
Variety Name	'Thatcher'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	15 Mar 2016
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA3595
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	UPOV TG/13/11 & TP/13/5
Period	2016 - 2017
Conditions	In Accordance with UPOV guidelines
Trial Design	In Accordance with UPOV guidelines
Measurements	In Accordance with UPOV guidelines
RHS Chart - edition	

Origin and Breeding

Controlled pollination: Obsrvations first made in Nunhems Spain S.A.U., Finca Lo Ruiz, La Palma, 30593 Cartagena (Murcia), Spain. After a cross had been made, F2 generation plants were selected annually based on resistance to Bremia lactucae and other commercially relevant phenotypes. Uniformity was reached at the F5 generation. Breeder's: Nunhems B.V., Haelen, The Netherlands.

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Plant	type	"Grasse" or Latin Lettuce
Culture	type	in the open
Seed	colour	white
Leaf	anthocyanin coloration	absent
Plant	time of beginning of bolting under long day conditions	late to very late
Plant	resistance to Isolate Bl:16	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Alcazaba'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Thumper'	Plant	diameter	small to medium	small	
'Xanadu'	Leaf	Blistering	weak to very weak	medium to strong	

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

Organ/Plant Part: Context	'Thatcher'	'Alcazaba'
☐ *Seed: colour	white	white
☐ *Seedling: anthocyanin colouration	absent	absent
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	
☐ Leaf blade: division	entire	
☐ *Plant: diameter	small to medium	
☐ *Plant: head formation	closed head	
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	weak	
☐ Head: density	dense	
☐ Head: size	medium	
☐ *Head: shape in longitudinal section	broad elliptic	
☐ Leaf: thickness	medium	
☑ Leaf: attitude at harvest maturity	semi-erect	semi-erect to horizontal
☐ *Leaf: shape	circular	
☐ Leaf: shape of tip	rounded	
☐ *Leaf: hue of green colour of outer leaves	absent	
☑ *Leaf: intensity of colour of outer leaves	medium	medium to dark
☐ *Leaf: anthocyanin colouration	absent	
☐ Leaf: glossiness of upper side	weak	
☐ *Leaf: blistering	medium	
☐ Leaf: size of blisters	small	
☐ *Leaf blade: degree of undulation of margin	absent or very weak	
☐ Leaf blade: incisions of margin on apical part	absent	
☐ Leaf blade: venation	not flabellate	
☐ Axillary: sprouting	medium	
☐ Time of: harvest maturity	medium	
☐ *Time of: beginning of bolting under long day conditions	very late	late
☐ Plant: fasciation	present	

Plant: intensity of fasciation	weak	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present	
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	
Resistance to: downy mildew (*Bremia la*ctucae) Isolate Bl:24	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	
Resistance to*: lettuce mosaic virus* (*LMV*) Strain Ls 1	present	
Resistance to: *Nasonovia ribisnigri biotype Nr:0*	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'Thatcher'
The Netherlands	2015	Granted	'Thatcher'

First sold in Australia in August 2015 under the name NUN 06768 LTL.

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

Details of Application	
Application Number	2016/029
Variety Name	'Olgada'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	26 Feb 2016
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA3596
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	UPOV TG/13/11 & TP/13/5
Period	2016 - 2017
Conditions	In accordance with UPOV guidelines
Trial Design	In accordance with UPOV guidelines
Measurements	In accordance with UPOV guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: After a cross was performed, several generations of successive selections were performed based on tolerance to bolting and tip burn. Breeding was conducted over five seasons.

Choice of Comparators Characteristics 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	cos lettuce (Roman lettuce)
Culture	type	in the open
Seed	colour	white
Leaf	anthocyanin coloration	absent
Plant	time of beginning of bolting under long day conditions	very late
Plant	Resistance to Isolate Bl:16	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Victorinus'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Cuore'	Seed	colour	white	black	

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

Organ/Plant Part: Context	'Olgada'	'Victorinus'
☐ *Seed: colour	white	white
☐ *Seedling: anthocyanin colouration	absent	absent
☐ Leaf: attitude at 10-12 leaf stage	erect to semi-erect	
☐ Leaf blade: division	entire	
☐ *Plant: diameter	large	
☐ *Plant: head formation	closed head	
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	strong	
☐ Head: density	dense	
☐ Head: size	medium to large	
☐ *Head: shape in longitudinal section	narrow elliptic	
☐ Leaf: thickness	medium to thick	
☑ Leaf: attitude at harvest maturity	erect to semi-erect	semi-erect
☐ *Leaf: shape	medium elliptic	
☐ Leaf: shape of tip	rounded	
☐ *Leaf: hue of green colour of outer leaves	absent	
☐ *Leaf: intensity of colour of outer leaves	medium	medium
☐ *Leaf: anthocyanin colouration	absent	
☐ Leaf: glossiness of upper side	weak	
☑ *Leaf: blistering	strong to very strong	medium to strong
☐ Leaf: size of blisters	small	
☐ *Leaf blade: degree of undulation of margin	absent or very weak	
☐ Leaf blade: incisions of margin on apical part	absent	
☐ Leaf blade: venation	not flabellate	
☐ Axillary: sprouting	strong	
☐ Time of: harvest maturity	late	
☐ *Time of: beginning of bolting under long day conditions	very late	very late
☐ Plant: fasciation	absent	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	

Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present	
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	
Resistance to: *lettuce mosaic virus* (*LMV*) Strain Ls 1	present	
Resistance to: *Nasonovia ribisnigri biotype Nr:0*	present	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Applied	‘Olgada’
Norway	2017	Granted	‘Olgada’
The Netherlands	2015	Granted	‘Olgada’
United Kingdom	2017	Granted	‘Olgada’

Prior Sales: Nil

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

Details of Application	
Application Number	2015/231
Variety Name	'Multired 98'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	21 Sep 2015
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA3552
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	UPOV TG/13/11 & TP/13/5
Period	2016
Conditions	In Accordance with UPOV guidelines and some of the comparator data extracted from the published description (SLA2564)
Trial Design	In Accordance with UPOV guidelines
Measurements	In Accordance with UPOV guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: After a cross was made between variety 'Multired 4' and a breeding line that belongs to Nunhems B.V. but is not sold commercially. A number of F1 plants were self-pollinated. From the second until the fifth generation, pedigree selection was performed. From the sixth until the seventh generation, line selection was performed. Breeder's: Nunhems B.V., Haelen, The Netherlands.

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Seed	colour	black
Leaf	anthocyanin colouration	present
Bolting	time to beginning of bolting under long day conditions	late to very late
Plant	resistance Isolate BI:16	present
Plant	type	cutting or gathering lettuce

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Multired 4'	

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

Organ/Plant Part: Context	'Multired 98'	'Multired 4'
☑ *Seed: colour	black	white
☐ *Seedling: anthocyanin colouration	present	
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	
☐ Leaf blade: division	divided	divided
☐ *Plant: diameter	small to medium	small to medium
☐ *Plant: head formation	no head	no head
☐ Leaf: thickness	thin	thin
☐ Leaf: attitude at harvest maturity	semi-erect	semi-erect
☐ *Leaf: shape	obovate	
☐ Leaf: shape of tip	rounded	rounded
☐ *Leaf: hue of green colour of outer leaves	reddish	reddish
☐ *Leaf: intensity of colour of outer leaves	very dark	very dark
☐ *Leaf: anthocyanin colouration	present	present
☐ *Leaf: intensity of anthocyanin colouration	very strong	
☐ Leaf: distribution of anthocyanin	entire	
☐ Leaf: kind of anthocyanin distribution	diffused and in spots	
☐ Leaf: glossiness of upper side	medium	
☐ *Leaf: blistering	very weak to weak	
☐ Leaf: size of blisters	very small to small	
☐ *Leaf blade: degree of undulation of margin	weak	
☐ Leaf blade: incisions of margin on apical part	present	present
☐ *Leaf blade: depth of incisions on margin on apical part	very shallow to shallow	
☐ Leaf blade: density of incisions on margin on apical part	sparse to medium	
☐ Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	sinuate	sinuate
☐ Leaf blade: venation	flabellate	flabellate
☐ Axillary: sprouting	absent or very weak	absent or very weak
☐ Time of: harvest maturity	medium	medium
☐ *Time of: beginning of bolting under long day conditions	very late	late to very late
☐ Plant: fasciation	present	present

Plant: intensity of fasciation	medium	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present	
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	
Resistance to: *lettuce mosaic virus* (*LMV*) Strain Ls 1	present	
Resistance to: *Nasonovia ribisnigri bi*otype Nr:0	absent	

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	'Multired 98'

The Netherlands	2015	Granted	‘Multired 98’
USA	2017	Applied	‘Multired 98’

First sold in Spain in August 2015 and in Australia in July 2015.

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

Details of Application	
Application Number	2016/077
Variety Name	'Lotus'
Genus Species	Lactuca sativa
Common Name	Lettuce
Synonym	Nil
Accepted Date	01 Jul 2016
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, Raad voor Plantenrassen, The Netherland
Overseas Data Reference Number	SLA3483
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	UPOV/TG/13/11
Period	2015
Measurements	As according UPOV technical guideline
RHS Chart - edition	n/a

Origin and Breeding

Controlled pollination: A modified line and a pedigree selection method to select Lotus (41-191 RZ) out of a cross between 'VICTORINUS' and 'Scala'. Main selection criteria: Strong blistering, Bremia-resistance, Nasonovia resistance Breeders: Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	Cos Lettuce (Roman lettuce)
Plant	type of culture	in the open
Seed	colour	white
Leaf	anthocyanin coloration	absent
Plant	time of beginning of bolting	late to very late
Plant	resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hunter'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Totana'	Plant	time of	late to very late	very late	

		beginning of bolting			
‘Modus’	Plant	time of beginning of bolting	late to very late	late	
‘Patrona’	Plant	time of beginning of bolting	late to very late	very late	

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

Organ/Plant Part: Context	‘Lotus’	‘Hunter’
☐ *Seed: colour	white	white
☐ *Seedling: anthocyanin colouration	absent	absent
☐ Leaf: attitude at 10-12 leaf stage	erect to semi-erect	erect to semi-erect
☐ Leaf blade: division	entire	entire
☐ *Plant: diameter	medium to large	medium to large
☐ *Plant: head formation	closed head	closed head
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	strong	medium to strong
☐ Head: density	dense	medium to dense
☐ Head: size	medium to large	medium to large
☐ *Head: shape in longitudinal section	narrow elliptic	narrow elliptic
☐ Leaf: thickness	medium to thick	thick
☐ Leaf: attitude at harvest maturity	erect	erect to semi-erect
☐ *Leaf: shape	obovate	broad obtrullate
☐ Leaf: shape of tip	rounded	rounded
☐ *Leaf: hue of green colour of outer leaves	absent	absent
☑ *Leaf: intensity of colour of outer leaves	medium	dark
☐ *Leaf: anthocyanin colouration	absent	absent
☐ Leaf: glossiness of upper side	weak to medium	medium
☐ *Leaf: blistering	medium to strong	medium to strong
☑ *Leaf: size of blisters	small	medium
☐ *Leaf blade: degree of undulation of margin	very weak to weak	absent or very weak
☐ Leaf blade: incisions of margin on apical part	absent	absent
☐ Leaf blade: venation	not flabellate	not flabellate
☑ Axillary: sprouting	medium to strong	weak to medium
☐ Time of: harvest maturity	late to very late	late to very late
☐ *Time of: beginning of bolting under long day conditions	late to very late	very late

Plant: fasciation	present	present
Plant: intensity of fasciation	weak to medium	very weak
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present	present
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27	present	present
Resistance to: *Lettuce Mosaic Virus (LMV) Strain Ls 1*	present	present
Resistance to: *Nasonovia ribisnigri biotype Nr:0*	present	present

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Lotus'**	**'Hunter'**

Resistance to : Downy mildew Islolate Bl: 29	present	-
Resistance to: Downy mildew Islolate Bl: 30	present	absent

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	'Lotus'
Netherlands	2014	Granted	'Lotus'

First sold in the UK in January 2015 and in Australia in March 2015.

Description: **Arie Baelde**, Rijk Zwaan Australia Pty Ltd., Daylesford, VIC.

Details of Application	
Application Number	2015/108
Variety Name	'Metalia'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	01 June 2015
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SLA3517
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	UPOV TG/13/11 & TP/13/5
Period	2016
Conditions	In Accordance with UPOV guidelines
Trial Design	In Accordance with UPOV guidelines
Measurements	In Accordance with UPOV guidelines
RHS Chart - edition	

Origin and Breeding

Controlled pollination: After a cross was made between variety 'Cati' and a parent which is a proprietary breeding line of Nunhems BV. A number of F1 plants were self pollinated. From the second until the fourth generation, pedigree selection was performed. From the fifth until the sixth generation, line selection was performed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	white
Leaf	anthocyanin coloration	absent
Bolting	time to beginning of bolting under long day conditions	very late
Plant	Resistance to Isolate BI:16	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kavir'	
'Cati'	

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

Organ/Plant Part: Context	'Metalia'	'Cati'	'Kavir'
☐ *Seed: colour	white		
☐ *Seedling: anthocyanin colouration	absent		
☐ Leaf: attitude at 10-12 leaf stage	semi-erect		
☐ Leaf blade: division	entire		
☑ *Plant: diameter	medium to large		medium
☐ *Plant: head formation	closed head		
☐ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	very strong		
☐ Head: density	very dense		
☐ Head: size	small to medium		
☐ *Head: shape in longitudinal section	circular		
☐ Leaf: thickness	thick		
☐ Leaf: attitude at harvest maturity	semi-erect to horizontal		
☐ *Leaf: shape	transverse broad elliptic		
☐ Leaf: tip of leaf blade	rounded		
☐ *Leaf: hue of green colour of outer leaves	absent		
☑ *Leaf: intensity of colour of outer leaves	light to medium	medium	
☐ *Leaf: anthocyanin colouration	absent		
☐ Leaf: glossiness of upper side	weak		
☐ *Leaf: blistering	absent or very weak to weak		
☐ Leaf: size of blisters	very small to small		
☐ *Leaf blade: degree of undulation of margin	weak		
☐ Leaf blade: incisions of margin on apical part	present		
☐ *Leaf blade: depth of incisions on margin on apical part	medium to deep		
☐ Leaf blade: density of incisions on margin on apical part	medium		
☐ Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	sinuate		
☐ Leaf blade: venation	flabellate		
☐ Axillary: sprouting	absent or very weak		
☐ Time of: harvest maturity	late		

*Time of: beginning of bolting under long day conditions	very late		
Plant: fasciation	absent		
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 21	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 18	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 17	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 5	present		absent
*Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 23	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 22	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 12	present		absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 15	present		absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 2	present		absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 16	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 7	present		absent
Resistance to: downy mildew (*Bremia* lactucae) Isolate B1 24	present	absent	absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 14	present		absent
Resistance to: downy mildew (*Bremia lactucae*) Isolate B1 20	present	absent	absent
Resistance to: lettuce mosaic virus Strain Ls 1	absent		absent

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2015	Granted	‘Metalia’
South Africa	2017	Applied	‘Metalia’
The Netherlands	2015	Granted	‘Metalia’

First sold in Italy in April 2015.

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

Details of Application	
Application Number	2013/092
Variety Name	'Zambesi'
Genus Species	*Lilium* hybrid
Common Name	Lily
Accepted Date	17 May 2013
Applicant	Mak Breeding Rights B.V., Wieringerwerf, The Netherlands
Agent	AJ Park, Canberra, ACT
Qualified Person	Tim Angus

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	LEL2941
Location	S&P Dominello, Peats Ridge NSW
Descriptor	UPOV TG/59/7 & CPVO-TP/59/2
Period	August to November 2017
Conditions	Bulbs were planted in growing boxes and then grown in a glasshouse under commercial conditions. Overseas data was verified in Australia. Comparator data was extracted from the Australian description (1382)
Trial Design	Flowers taken from commercial production block
Measurements	Taken from random samples from 10 plants
RHS Chart - edition	

Origin and Breeding

Controlled pollination: The new variety 'Zambesi' developed from controlled pollinations between unnamed proprietary Oriental seedling (maternal parent) and unnamed proprietary purple Oriental/Trumpet hybrid seedling (paternal parent), carried out during June 2005 in Wieringerwerf, The Netherlands. The new variety was selected from a seedling population during June 2008 in Wieringerwerf. Selection criteria included flower size, forcing time, growing strength. First vegetative propagation occurred in 2009 in Wieringerwerf. Since June 2009 over many generations of vegetative propagation the new variety has been shown to be uniform and stable. Breeder: Mark Breeding Rights BV., Wieringerwerf, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	attitude of perianth	erect to horizontal
Flower	shape	recurved
Tapal	main colour of central part	white
Leaf	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Siberia'	

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

Organ/Plant Part: Context	'Zambesi'	'Zambesi' (CPVO data)	'Siberia'
☐ *Stem: anthocyanin colouration	absent	absent	
☐ Stem: number of leaves on middle third	medium	medium	
☐ *Leaf: arrangement	alternate	alternate	
☐ *Leaf: level of tip compared to point of attachment to stem	same level	same level	
☐ *Leaf: distal part	recurved	recurved	
☐ Leaf: length	medium to long	medium to long	medium
☑ Leaf: width	broad to very broad	broad to very broad	medium to broad
☐ Leaf: glossiness of upper side	weak to medium	weak to medium	
☐ Leaf: cross section	flat	flat	
☐ *Inflorescence: type	racemose	racemose	racemose
☐ Inflorescence: number of flowers	few	few	
☐ Inflorescence: pubescence	very weak to weak	very weak to weak	
☐ Flower: type	single	single	single
☐ *Flower: attitude of longitudinal axis	erect	erect	
☐ Flower: length of longest outer tepal	long	long	
☐ Flower: width of widest outer tepal	broad	broad	
☐ *Flower: main colour of inner side of inner tepal (RHS colour chart)	NN155C	NN155C	155D
☐ Flower: main colour of outer side of inner tepal (RHS colour chart)	NN155C	NN155C	155D
☐ *Flower: main colour of inner side of outer tepal (RHS colour chart)	NN155C	NN155C	
☐ *Flower: type of colouration of inner side of inner tepal	self coloured	self coloured	
☐ *Flower: colour of the nectar furrow	green	green	green
☑ *Tepal: spots on inner side	absent	absent	present
☐ *Tepal: spots on papillae	absent	absent	
☐ *Tepal: colour at the base of the main vein	white	white	
☐ Tepal: texture of inner side	papillose	papillose	
☐ Tepal: undulation of margin	weak	weak	
☐ Tepal: type of undulation of margin	coarse only	coarse only	
☐ *Tepal: recurved part	distal part only	distal part only	

*Tepal: degree of recurving	medium	medium	
Stamen: length	long	long	
*Stamen: main colour of filament	green	green	
*Stamen: colour of anther	reddish brown	orange brown	
Pollen: colour	orange brown	orange brown	light brown
*Style: main colour	green	green	green
Flower: position of stigma in relation to anthers	above	above	above
Stigma: colour	green	green	

Prior Applications and Sales:

Country	Year	Status	Name Applied
Chile	2013	Granted	‘Zambesi’
EU	2012	Granted	‘Zambesi’
New Zealand	2013	Granted	‘Zambesi’
The Netherlands	2011	Granted	‘Zambesi’

First sold in the Netherlands in December 2012

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

Details of Application	
Application Number	2016/075
Variety Name	'SENSE 181'
Genus Species	*Cucumis melo*
Common Name	Melon
Synonym	Nil
Accepted Date	14-Jul-2016
Applicant	Nunhems B.V., Haelen, The Netherlands and Laboratories ASL, Eyragues, France
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien

Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	MLN581
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	TP/104/2
Period	2016
Conditions	In accordance with TP/104/2
Trial Design	In accordance with TP/104/2
Measurements	In accordance with TP/104/2
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Two homozygous breeding lines were developed by selfing. Hybridisation of the two homozygous breeding lines was performed. Selection was performed based on the sugar content of the fruit and the colour of its and flesh. Selection was also applied based on storability of the fruit. Breeder: Nunhems B.V. and Laboratoire ASL.

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

Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Inflorescence	sex expression	monoecious
Fruit	length	long
Fruit	shape in longitudinal section	medium elliptic
Fruit	density of patches	absent or very sparse
Fruit	grooves	absent or weakly expressed
Fruit	cork formation	present
Fruit	pattern of cork formation	netted only
Seed	length	short to medium
Seed	colour	cream yellow

Resistance	*Fusarium oxysporum* f. sp. *melonis*: Race 0	present
Resistance	*Fusarium oxysporum* f. sp. *melonis*: Race 1	present
Resistance	*Fusarium oxysporum* f. sp. *melonis*: Race 2	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'CARIBBEAN GOLD'	
'ZELDA'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'ZELDA'	Fruit	ground colour of skin	yellow	green

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

Organ/Plant Part: Context	'SENSE 181'	'CARIBBEAN GOLD'
☐ Seedling: length of hypocotyl	short	medium
☐ Seedling: size of cotyledon	small to medium	small
☐ Seedling: intensity of green colour of cotyledon	medium to dark	medium to dark
☐ Leaf blade: size	medium	small to medium
☐ Leaf blade: intensity of green colour	light	dark
☐ Leaf blade: development of lobes	medium	medium
☐ Leaf blade: length of terminal lobe	medium	short to medium
☐ Leaf blade: dentation of margin	very weak to weak	weak
☐ Leaf blade: blistering	weak to medium	weak to medium
☐ Petiole: attitude	semi-erect to horizontal	erect
☐ Petiole: length	medium	medium to long
☐ *Inflorescence: sex expression	monoecious	monoecious
☐ Young fruit: hue of green colour of skin	whitish green	whitish green
☐ Young fruit: density of dots	absent or very sparse	light
☐ Young fruit: conspicuousness of groove colouring	absent or very weak	absent or very sparse
☐ Young fruit: length of peduncle	short	weak
☐ Young fruit: thickness of peduncle 1 cm from fruit	medium	medium
☐ Young fruit: extension of darker	small	absent or very small

area around peduncle		
☐ Fruit: change of skin colour from young fruit to maturity	late in fruit development	very late in fruit development or no change
☐ *Fruit: length	long	long
☐ *Fruit: diameter	medium to broad	medium to broad
☐ *Fruit: ratio length/diameter	large	small to medium
☐ *Fruit: position of maximum diameter	at middle	at middle
☐ *Fruit: shape in longitudinal section	medium elliptic	medium elliptic
☑ *Fruit: ground colour of skin	yellow	green
☐ Fruit: intensity of ground colour of skin	medium to dark	light to medium
☐ Fruit: hue of ground colour of skin	absent or very weak	absent or very weak
☐ Fruit: density of dots	absent or very sparse	absent or very sparse
☐ *Fruit: density of patches	absent or very sparse	absent or very sparse
☐ *Fruit: warts	absent	present
☐ *Fruit: strength of attachment of peduncle at maturity	strong	strong
☐ *Fruit: shape of base	rounded	rounded
☐ *Fruit: shape of apex	rounded	rounded
☐ *Fruit: size of pistil scar	small	very small to small
☐ *Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed
☐ *Fruit: creasing of surface	absent or very weak	absent or very weak
☐ *Fruit: cork formation	present	present
☐ *Fruit: thickness of cork layer	medium	thin to medium
☐ *Fruit: pattern of cork formation	netted only	netted only
☐ *Fruit: density of pattern of cork formation	medium to dense	medium to dense
☐ Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow
☐ Fruit: width of flesh in longitudinal section	thick	thin to medium
☑ *Fruit: main colour of flesh	reddish orange	orange
☐ *Seed: length	short to medium	short to medium
☐ Seed: width	medium	medium to broad
☐ Seed: shape	not pine-nut shape	not pine-nut shape
☐ *Seed: colour	cream yellow	cream yellow
☐ Seed: intensity of colour (varieties	medium to dark	to medium

with cream yellow seed colour only)		
Time of: male flowering	early	early
Time of: female flowering	early	early
Time of: ripening	medium to late	medium to late
*Shelf life of: fruit	long	long
Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 0	present	present
Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 1	present	present
Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 2	present	present
Resistance to: *Fusarium oxysporum* f. sp. *melonis* Race 1-2	absent	absent
Resistance to: *Sphaerotheca fuliginea* (*Podosphaera xanthii*) (Powdery mildew) Race 1	highly resistant	moderately resistant
Resistance to: *Sphaerotheca fuliginea* (Podosphaera xanthii) (Powdery mildew) Race 2	highly resistant	susceptible
Resistance to: Sphaerotheca fuliginea (*Podosphaera xanthii*) (Powdery mildew) Race 5	moderately resistant	susceptible
Resistance to: Erysiphe cichoracearum (*Golovinomyces cichoracearum*) Race 1 (Powdery mildew)	highly resistant	absent
Resistance to: colonization by *Aphis gossypii*	present	present
Resistance to: Muskmelon Necrotic Spot Virus (MNSV) Race E8	present	-

Note: comparator data was obtained from previously published description.

Prior Applications and Sales:

Country	Year	Status	Name Applied
The Netherlands	2015	Granted	'Sense 181'
EU	2015	Granted	'Sense 181'

First sold in Costa Rica in Dec 2012.

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

Details of Application	
Application Number	2016/128
Variety Name	'Hip High'
Genus Species	*Murraya paniculata*
Common Name	Orange Jasmine
Synonym	Nil
Accepted Date	22 Feb 2017
Applicant	Terence Charles Keogh, Victoria Point, QLD
Agent	N/A
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	National descriptor for Orange Jasmine (*Murraya paniculata*)
Period	Spring to summer 2017-2018
Conditions	Plants were grown in commercial pine bark based media fertilized with controlled release fertilizer and treated for insects and diseases as required. Plants were grown in a heated greenhouse with overhead watering as required.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stem.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination followed by seedling selection: Flowers from *Murraya paniculata* were emasculated and was pollinated with pollen from *Murraya paniculata* 'Min A Min'. Several seeds formed as result of this cross and these seeds were sown and germinated. The resultant plants were then planted into the field at the breeder's property. *Murraya paniculata* 'Hip High' was selected from these plants based on its compact habit. Breeder Terry Keogh, Victoria Point, Queensland.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	height	very short to short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Min A Min'	Compact variety
'Flomursixs'	Compact variety
'Flomursis'	Compact variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'*Murraya paniculata*'	Plant	height	short	tall	

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

Organ/Plant Part: Context	'Hip High'	'Flomursis'	'Flomursixs'	'Min A Min'
☐ Plant: growth habit	erect	erect	erect	erect
☑ Plant: height	short	short	very short	very short
☑ Plant: width	narrow to medium	narrow to medium	very narrow	very narrow
☑ Stem: length of internode	short to medium	short	very short	very short
☑ Leaf: size	medium to large	small	very small	very small
☐ Leaf: attitude	semi-erect	semi-erect	semi-erect	semi-erect
☑ Terminal leaflet: length of blade	medium	short	very short	very short
☑ Terminal leaflet: width of blade	medium	narrow	very narrow	very narrow
☑ Terminal leaflet: length of petiole	short	short	very short	very short
☐ Terminal leaflet: shape of blade	obovate	obovate	obovate	obovate
☐ Terminal leaflet: shape of apex	acute	acute	rounded	rounded
☐ Terminal leaflet: shape of base	cuneate	cuneate	cuneate	cuneate
☐ Terminal leaflet: shape of cross-section	concave	concave	concave	concave
☐ Terminal leaflet: curvature of longitudinal axis	recurved	recurved	recurved	recurved
☐ Leaf: glossiness of upper side	medium	medium	medium	medium
☐ Leaf: green colour	medium	medium	medium	medium
☐ Leaf: presence of variegation	absent	absent	absent	absent

Prior Applications and Sales
Nil

First sold in July 2015, Australia.

Description: **Mark Lunghusen,** Wonga Park, Vic, 3115.

Details of Application	
Application Number	2013/199
Variety Name	'Rely'
Genus Species	*Lolium perenne*
Common Name	Perennial Ryegrass
Synonym	Nil
Accepted Date	26 Sep 2013
Applicant	Grasslands Innovation Limited, New Zealand
Agent	Griffith Hack, Brisbane, QLD
Qualified Person	Joy Lin

Details of Comparative Trial	
Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	RYG117, Grant No. 31089
Location	Lincoln, New Zealand
Descriptor	Ryegrass (*Lolium spp*) TG/4/8
Period	2013-2017
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	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'PG1246' was bred from a complex series of crosses involving many New Zealand mid flowering diploid cultivars, Samson, Commando, Bronsyn, Impact, Kingston, Hillary and Spanish germ plasm. Selection was undertaken in Christchurch since 1995 over 4 cycles of selection. During that time selection has taken place for flowering date, dry matter production, disease resistance, reduced aftermath seeding, persistence, tolerance to dryland low fertility conditions, seed yield, tiller density and leaf size, endophyte compatibility and general agronomic performance. Breeder: Grasslands Innovation Limited, 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	ploidy	diploid
Plant	time of inflorescence emergence (without vernalisation)	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grasslands Pacific'	
'Commando'	

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

Organ/Plant Part: Context	'Rely'	'Commando'	'Grasslands Pacific'
☐ Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	medium	medium to semi-prostrate
☑ Leaf: length	medium to long	short to medium	short to medium
☐ Leaf: width	medium	narrow to medium	narrow to medium
☑ Leaf: intensity of green colour	medium to dark	dark	light to medium
☐ Plant: width	medium	medium	medium
☐ Plant: vegetative growth habit (after vernalisation)	medium	medium	medium
☐ Plant: height	medium to tall	medium to tall	medium
☐ Plant: width at inflorescence emergence	medium to wide	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Rely'	'Commando'	'Grasslands Pacific'
☑ Plant: growth in winter	strong	weak to medium	weak to medium
☑ Plant: tendency to form inflorescences in aftermath	weak	medium to strong	weak to medium

Statistical Table

Organ/Plant Part: Context	'Rely'	'Commando'	'Grasslands Pacific'
☐ Plant: time of infloresecence emergence			
Mean	56.70	51.28	52.95
Std. Deviation	7.64	6.00	4.42
LSD/sig	3.693	P≤0.01	P≤0.01
☐ Plant: natural height at infloresecence emergence (mm)			
Mean	474.00	391.20	378.20
Std. Deviation	72.00	58.20	50.20
LSD /sig	45.998	P≤0.01	P≤0.01
☑ Flag leaf: width (mm)			
Mean	7.88	7.90	8.98

Std. Deviation	1.18	1.35	1.26
LSD /sig	0.636	ns	P≤0.01
☐ Flag leaf: length/width ratio (mm)			
Mean	32.79	30.71	28.14
Std. Deviation	5.55	4.90	3.98
LSD /sig	2.477	ns	P≤0.01
☐ Plant: length of longest stem (inflorescence incl. fully expanded) (mm)			
Mean	760.17	790.33	805.17
Std. Deviation	72.79	106.07	84.72
LSD /sig	52.834	ns	ns
☑ Plant: length of upper internode (mm)			
Mean	232.58	244.90	287.08
Std. Deviation	53.45	77.20	65.20
LSD /sig	40.651	ns	P≤0.01
☑ Inflorescence: length (mm)			
Mean	250.10	284.70	269.10
Std. Deviation	38.01	44.93	42.59
LSD /sig	22.713	P≤0.01	ns
☐ Inflorescence: number of spikelets			
Mean	24.60	24.80	23.58
Std. Deviation	3.90	3.18	3.52
LSD /sig	2.069	ns	ns
☑ Inflorescence: density			
Mean	10.28	11.64	11.56
Std. Deviation	1.54	1.96	2.12
LSD /sig	0.977	P≤0.01	P≤0.01
☑ Inflorescence: length of outer glume on basal spikelet (mm)			
Mean	12.58	15.01	14.53
Std. Deviation	2.75	3.12	2.59
LSD /sig	1.380	P≤0.01	P≤0.01
☑ Inflorescence: length of basal spikelet (excluding awn) (mm)			
Mean	19.18	22.61	22.68
Std. Deviation	3.11	4.06	4.15
LSD /sig	1.921	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2012	Granted	'Rely'

Prior Sale: Nil

Description: **Joy Lin,** Grasslanz Technology Ltd**. New Zealand.**

Details of Application	
Application Number	2016/137
Variety Name	'Crop82'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	05 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A
Origin and Breeding	
Controlled pollination: The variety 'Kaimai' was pollinated by 'Crop 20' in 2005 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '1405/22' was selected in 2015 and named 'Crop 82', there have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Tuber	shape	round
Tuber	skin colour	light beige

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

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kaimai'	Flower	colour	white	blue violet	maternal parent
'Crop20'	Tuber	skin colour	light beige	red	paternal parent
'Sebago'	Tuber	flesh colour	medium yellow	white	

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

Organ/Plant Part: Context	'Crop82'	'Atlantic'
☑ Lightsprout: size	large	medium
☐ *Lightsprout: shape	spherical	ovoid
☑ *Lightsprout: intensity of anthocyanin colouration of base	strong	medium
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	medium
☐ *Lightsprout: pubescence of base	medium to strong	medium to strong
☑ Lightsprout: size of tip in relation to base	large	medium
☑ Lightsprout: habit of tip	open	intermediate
☐ Lightsprout: anthocyanin colouration of tip	weak	absent or very weak
☐ Lightsprout: pubescence of tip	medium	weak to medium
☐ *Lightsprout: number of root tips	medium to many	medium
☐ Lightsprout: length of lateral shoots	medium	medium
☐ Plant: foliage structure	intermediate type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☑ *Stem: anthocyanin colouration	absent or very weak	weak
☐ Leaf: outline size	medium	medium to large
☐ Leaf: openness	open	intermediate to open
☐ Leaf: presence of secondary leaflets	strong	strong
☐ Leaf: green colour	medium to dark	light to medium
☐ Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
☑ Second pair of lateral leaflets: size	large	medium
☐ Second pair of lateral leaflets: width in relation to length	medium	narrow to medium

☐ Terminal and lateral leaflets: frequency of coalescence	absent or very low	very low to low
☐ Leaflet: waviness of margin	weak	weak
☐ Leaflet: depth of veins	medium to deep	medium to deep
☐ Leaflet: glossiness of the upperside	medium to glossy	dull to medium
☐ Flower bud: anthocyanin colouration	absent or very weak	weak
☑ Plant: height	medium to tall	short
☑ *Plant: frequency of flowers	medium to high	low
☐ Inflorescence: size	small	medium
☐ Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
☐ Flower corolla: size	small	small
☑ *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	medium
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
☑ *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	medium
☑ *Plant: time of maturity	late	medium
☐ *Tuber: shape	round	round
☐ Tuber: depth of eyes	shallow	medium
☐ *Tuber: colour of skin	light beige	light beige
☐ *Tuber: colour of base of eye	yellow	white
☑ *Tuber: colour of flesh	medium yellow	white
☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Crop82'	'Atlantic'
☐ Stem: thickness	medium	medium
☐ Tuber: skin smoothness	medium	
☐ Tuber: eyebrows	small	small
☐ Stem: wings	medium	

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/141
Variety Name	'Crop55'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	07 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, NZ.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A
Origin and Breeding	
Controlled pollination: The variety 'Laura' was pollinated by the variety 'Crop 33' in 2005 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '1419/2' was selected in 2015 and released as 'Crop 55', first sale was in New Zealand on 3 July 2015. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Tuber	shape	oval
Tuber	skin colour	red
Tuber	colour of base of eye	red

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Laura'	maternal parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Crop 33'	Tuber	skin colour	red	purple	paternal parent
'Desiree'	Tuber	flesh colour	yellow	cream	
'Desiree'	Flower	colour	white	light purple	
'Red Pontiac'	Tuber	flesh colour	yellow	white	

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

Organ/Plant Part: Context	**'Crop55'**	**'Laura'**
☑ Lightsprout: size	small	medium
☐ *Lightsprout: shape	ovoid	conical
☐ *Lightsprout: intensity of anthocyanin colouration	strong	medium to strong
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
☑ *Lightsprout: pubescence of base	weak	medium
☐ Lightsprout: size of tip in relation to base	medium to large	medium
☐ Lightsprout: habit of tip	intermediate to open	closed to intermediate
☐ Lightsprout: anthocyanin colouration of tip	medium	weak
☑ Lightsprout: pubescence of tip	weak	medium
☐ *Lightsprout: number of root tips	medium	medium to many
☐ Lightsprout: length of lateral shoots	short	medium
☐ Plant: foliage structure	intermediate type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☐ *Stem: anthocyanin colouration	weak to medium	weak
☐ Leaf: outline size	medium to large	medium
☐ Leaf: openness	intermediate	intermediate
☐ Leaf: presence of secondary leaflets	medium to strong	medium
☐ Leaf: green colour	medium to dark	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	medium	absent or very weak

☐ Second pair of lateral leaflets: size	medium	medium
☐ Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow to medium
☑ Terminal and lateral leaflets: frequency of coalescence	absent or very low	medium to high
☑ Leaflet: waviness of margin	strong	weak
☐ Leaflet: depth of veins	deep	medium to deep
☐ Leaflet: glossiness of the upperside	medium	dull to medium
☐ Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
☐ Plant: height	medium to tall	medium
☐ *Plant: frequency of flowers	high	medium to high
☐ Inflorescence: size	medium	small to medium
☐ Inflorescence: anthocyanin colouration on peduncle	absent or very weak	very weak to weak
☐ Flower corolla: size	medium	medium
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	weak
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
☐ *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	small to medium
☐ *Plant: time of maturity	medium	medium
☐ *Tuber: shape	oval	oval
☐ Tuber: depth of eyes	shallow to medium	very shallow to shallow
☐ *Tuber: colour of skin	red	red
☐ *Tuber: colour of base of eye	red	red
☐ *Tuber: colour of flesh	medium yellow	dark yellow

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Crop55'	'Laura'
☑ Stem: thickness	thick	medium
☐ Tuber: skin smoothness	smooth	smooth
☐ Tuber: intensity of skin colour	dark	
☑ Tuber: eyebrows	present	absent
☐ Stem: wings	large	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2016	Granted	'Crop55'

First sold in New Zealand in 2015.

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

Details of Application	
Application Number	2016/138
Variety Name	'Crop85'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	07 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A
Origin and Breeding	
Controlled pollination: The variety 'Crop 20' was pollinated by the variety 'Crop 33' in 2005 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '1422/1' was selected in 2015 and named 'Crop 85', there have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Tuber	shape	long
Tuber	skin colour	purple
Tuber	flesh colour	blue parti-coloured

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Purple Congo'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Crop 20'	Tuber	skin colour	blue purple	red	maternal parent
'Crop 33'	Tuber	flesh colour	deep purple	light purple	paternal parent
'Crop 33'	Tuber	shape	flattened long oval	oval	
'Crop 32'	Tuber	flesh colour	blue purple	light yellow	

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

Organ/Plant Part: Context	**'Crop85'**	**'Purple Congo'**
☑ Lightsprout: size	medium	very small to small
☐ *Lightsprout: shape	conical	spherical
☐ *Lightsprout: intensity of anthocyanin colouration	very strong	very strong
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
☑ *Lightsprout: pubescence of base	very strong	medium
☐ Lightsprout: size of tip in relation to base	medium to large	medium
☑ Lightsprout: habit of tip	closed	intermediate
☑ Lightsprout: anthocyanin colouration of tip	very strong	strong
☐ Lightsprout: pubescence of tip	medium to strong	medium
☐ *Lightsprout: number of root tips	medium to many	medium
☐ Lightsprout: length of lateral shoots	medium to long	medium
☐ Plant: foliage structure	stem type	intermediate type
☐ *Plant: growth habit	upright	upright
☐ *Stem: anthocyanin colouration	very strong	very strong
☐ Leaf: outline size	large	medium
☑ Leaf: openness	open	closed
☑ Leaf: presence of secondary leaflets	strong	medium
☐ Leaf: green colour	dark	dark
☐ Leaf: anthocyanin colouration on midrib of upper side	strong	strong

☑ Second pair of lateral leaflets: size	small	large
☐ Second pair of lateral leaflets: width in relation to length	narrow	narrow to medium
☐ Terminal and lateral leaflets: frequency of coalescence	low	absent or very low
☑ Leaflet: waviness of margin	medium	weak
☐ Leaflet: depth of veins	medium to deep	medium
☐ Leaflet: glossiness of the upperside	medium	medium
☐ Flower bud: anthocyanin colouration	weak	weak
☐ Plant: height	tall	very tall
☐ *Plant: frequency of flowers	high	medium to high
☐ Inflorescence: size	medium	medium
☐ Inflorescence: anthocyanin colouration on peduncle	medium	medium to strong
☐ Flower corolla: size	medium	medium to large
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	weak
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
☐ *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	small
☐ *Plant: time of maturity	late	very late
☐ *Tuber: shape	long	long
☐ Tuber: depth of eyes	medium	deep to very deep
☐ *Tuber: colour of skin	purple	purple
☐ *Tuber: colour of base of eye	blue	blue
☐ *Tuber: colour of flesh	blue parti-coloured	blue parti-coloured

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Crop85'**	**'Purple Congo'**
☐ Stem: thickness	medium	medium
☐ Tuber: skin smoothness	medium	
☐ Tuber: eyebrows	medium	medium
☐ Stem: wings	large	

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/139
Variety Name	'Crop59'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Crop 59 did not flower and flower colour data is presented from information provided by the breeder. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The breeding line 'A7961-1'was pollinated by the variety 'Crop 20' in 2001 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '4457-7' was selected in 2014 and named 'Crop 59', there have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Tuber	skin colour	red
Tuber	shape	oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Desiree'	

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Crop 20'	Flower	colour	pale purple	dark purple	male parent
'Red Pontiac'	Tuber	shape	oval	round	

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

Organ/Plant Part: Context	'Crop59'	'Desiree'
☐ Lightsprout: size	medium	medium to large
☑ *Lightsprout: shape	ovoid	broad cylindrical
☑ *Lightsprout: intensity of anthocyanin colouration	very strong	medium
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
☐ *Lightsprout: pubescence of base	medium	medium
☐ Lightsprout: size of tip in relation to base	medium	medium
☐ Lightsprout: habit of tip	closed	closed
☑ Lightsprout: anthocyanin colouration of tip	strong	weak
☐ Lightsprout: pubescence of tip	very weak to weak	absent or very weak
☐ *Lightsprout: number of root tips	medium	medium to many
☐ Lightsprout: length of lateral shoots	short	medium
☐ Plant: foliage structure	stem type	intermediate type
☐ *Plant: growth habit	upright to semi-upright	semi-upright
☐ *Stem: anthocyanin colouration	absent or very weak	medium
☐ Leaf: outline size	small	small to medium
☐ Leaf: openness	intermediate	intermediate
☐ Leaf: presence of secondary leaflets	medium	medium
☐ Leaf: green colour	medium to dark	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	weak
☐ Second pair of lateral leaflets: size	small	medium
☐ Second pair of lateral leaflets: width in relation to length	medium	medium
☐ Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
☐ Leaflet: waviness of margin	weak	weak
☑ Leaflet: depth of veins	deep	shallow

☐ Leaflet: glossiness of the upperside	medium	medium
☐ Plant: height	medium	medium
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	absent or low
☐ *Plant: time of maturity	early to medium	medium
☐ *Tuber: shape	oval	oval
☐ Tuber: depth of eyes	medium	medium
☐ *Tuber: colour of skin	red	red
☐ *Tuber: colour of base of eye	red	yellow
☑ *Tuber: colour of flesh	white	light yellow

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Crop59'**	**'Desiree'**
☑ Stem: thickness	medium	thin
☐ Tuber: skin smoothness	rough	
☐ Tuber: intensity of skin colour	medium	
☑ Tuber: eyebrows	medium	small
☐ Stem: wings	large	

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/131
Variety Name	'Crop49'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	27 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell

Details of Comparative Trial	
Location	Waikerie SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing light sprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety 'Summer Delight' (Syn. 'Crop 17') was pollinated by the variety 'Valor' in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand in 2001. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '4498-3' was selected in 2014 and named 'Crop 49'. There have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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**
Lightsprout	shape	conical
Flower	colour	blue/violet
Tuber	skin colour	light beige
Tuber	flesh colour	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Crop 17'	maternal parent

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Summer Delight'	Flower	size	large	medium	maternal parent
'Valor'	Tuber	flesh colour	light yellow	white	paternal parent

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

Organ/Plant Part: Context	'Crop49'	'Crop 17'
☐ Lightsprout: size	small to medium	medium
☐ *Lightsprout: shape	conical	conical
☑ *Lightsprout: intensity of anthocyanin colouration	strong	medium
☑ *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	high
☐ *Lightsprout: pubescence of base	medium	medium to strong
☐ Lightsprout: size of tip in relation to base	medium to large	medium
☐ Lightsprout: habit of tip	intermediate	intermediate to open
☐ Lightsprout: anthocyanin colouration of tip	medium	medium
☐ Lightsprout: pubescence of tip	weak to medium	weak
☐ *Lightsprout: number of root tips	many	medium to many
☐ Lightsprout: length of lateral shoots	short to medium	short to medium
☐ Plant: foliage structure	intermediate type	intermediate type
☑ *Plant: growth habit	spreading	semi-upright
☐ *Stem: anthocyanin colouration	medium	weak to medium
☐ Leaf: outline size	small to medium	medium to large
☐ Leaf: openness	intermediate	intermediate to open
☐ Leaf: presence of secondary leaflets	weak	medium
☑ Leaf: green colour	light	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	weak
☐ Second pair of lateral leaflets: size	medium	medium
☐ Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
☐ Terminal and lateral leaflets: frequency of coalescence	low to medium	low to medium
☐ Leaflet: waviness of margin	weak	weak

☐ Leaflet: depth of veins	shallow to medium	medium
☑ Leaflet: glossiness of the upperside	dull	medium
☐ Flower bud: anthocyanin colouration	absent or very weak	medium
☐ Plant: height	medium	medium
☐ *Plant: frequency of flowers	high	medium to high
☐ Inflorescence: size	small	medium
☐ Inflorescence: anthocyanin colouration on peduncle	weak to medium	weak
☐ Flower corolla: size	medium	medium
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	strong	medium
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	medium
☐ *Flower corolla: extent of anthocyanin colouration on inner side	medium	large
☐ *Plant: time of maturity	early	late to very late
☐ *Tuber: shape	oval	short-oval
☐ Tuber: depth of eyes	shallow	shallow
☐ *Tuber: colour of skin	light beige	light beige
☐ *Tuber: colour of base of eye	yellow	yellow
☐ *Tuber: colour of flesh	light yellow	light yellow
☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak to medium	weak to medium

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Crop49'**	**'Crop 17'**
☑ Stem: thickness	thin	medium
☐ Tuber: skin smoothness	smooth	
☑ Tuber: eyebrows	medium	small
☐ Stem: wings	medium	

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/132
Variety Name	'Crop39'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell

Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety 'Summer Delight' (Syn. 'Crop 17')was pollinated by the variety 'Coliban' in 2000 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '4353-3' was selected in 2013 and released as 'Crop 39' in 2015. First sale was made in New Zealand in 2015. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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**
Flower	colour	blue/violet
Tuber	shape	oval
Tuber	skin colour	light beige

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Crop 17'	maternal parent

Varieties of Common Knowledge identified and subsequently excluded					
Variety	**Distinguishing Characteristics**		**State of Expression in Candidate Variety**	**State of Expression in Comparator Variety**	**Comments**
'Summer Delight'	Tuber	flesh colour	white	light yellow	
'Summer Delight'	Flower	colour	blue-violet	red-violet	
'Ilam Hardy'	Tuber	depth of eye	shallow	medium deep	
'Coliban'	Flower	colour	blue-violet	white	paternal parent
	Stem	anthocyanin colouring	weak	strong	

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

Organ/Plant Part: Context	'Crop39'	'Crop 17'
☐ Lightsprout: size	small to medium	medium
☐ *Lightsprout: shape	ovoid	conical
☐ *Lightsprout: intensity of anthocyanin colouration	strong	medium
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
☐ *Lightsprout: pubescence of base	medium	medium to strong
☐ Lightsprout: size of tip in relation to base	medium	medium
☑ Lightsprout: habit of tip	closed	open
☐ Lightsprout: anthocyanin colouration of tip	medium to strong	medium
☑ Lightsprout: pubescence of tip	medium	weak
☐ *Lightsprout: number of root tips	many	medium to many
☐ Lightsprout: length of lateral shoots	short	short to medium
☐ Plant: foliage structure	intermediate type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☐ *Stem: anthocyanin colouration	weak to medium	weak to medium
☐ Leaf: outline size	large	medium to large
☐ Leaf: openness	intermediate	intermediate to open
☐ Leaf: presence of secondary leaflets	medium	medium
☑ Leaf: green colour	light	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	weak to medium	weak
☐ Second pair of lateral leaflets: size	medium to large	medium

☐ Second pair of lateral leaflets: width in relation to length	medium	medium
☐ Terminal and lateral leaflets: frequency of coalescence	very low to low	low to medium
☑ Leaflet: waviness of margin	strong	weak
☐ Leaflet: depth of veins	shallow to medium	medium
☑ Leaflet: glossiness of the upperside	dull	medium
☐ Flower bud: anthocyanin colouration	weak	medium
☐ Plant: height	medium	medium
☐ *Plant: frequency of flowers	high	medium to high
☐ Inflorescence: size	medium to large	medium
☐ Inflorescence: anthocyanin colouration on peduncle	medium	weak
☑ Flower corolla: size	large	medium
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	high	medium
☐ *Flower corolla: extent of anthocyanin colouration on inner side	large	large
☐ *Plant: time of maturity	medium	late to very late
☐ *Tuber: shape	oval	short-oval
☐ Tuber: depth of eyes	shallow	shallow
☐ *Tuber: colour of skin	light beige	light beige
☐ *Tuber: colour of base of eye	white	yellow
☑ *Tuber: colour of flesh	white	light yellow
☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	medium	weak to medium

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Crop39'**	**'Crop 17'**
☑ Stem: thickness	thick	medium
☐ Tuber: skin smoothness	smooth	
☐ Tuber: eyebrows	small	small
☐ Stem: wings	large	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2016	Granted	'Crop39'

First sold in New Zealand in 2015.

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

Details of Application	
Application Number	2016/133
Variety Name	'Crop34'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A
Origin and Breeding	
Controlled pollination: The breeding line '676/2' was pollinated by breeding line 'NDO1496-1' in 1997 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '4113-8' was selected in 2010 and released as 'Crop 34' on 13 July 2012 in New Zealand. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Lightsprout	shape	ovoid
Tuber	shape	oval
Tuber	skin colour	light beige

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spunta'	

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

Organ/Plant Part: Context	'Crop34'	'Spunta'
☐ Lightsprout: size	large	large
☐ *Lightsprout: shape	ovoid	ovoid
☑ *Lightsprout: intensity of anthocyanin colouration	weak to medium	very strong
☑ *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
☐ *Lightsprout: pubescence of base	medium	medium to strong
☐ Lightsprout: size of tip in relation to base	medium to large	medium
☑ Lightsprout: habit of tip	intermediate to open	closed
☑ Lightsprout: anthocyanin colouration of tip	weak to medium	strong
☐ Lightsprout: pubescence of tip	medium	medium
☐ *Lightsprout: number of root tips	many	many
☐ Lightsprout: length of lateral shoots	medium	medium
☐ Plant: foliage structure	stem type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☐ *Stem: anthocyanin colouration	absent or very weak	medium
☐ Leaf: outline size	medium	medium to large
☑ Leaf: openness	intermediate to open	closed
☐ Leaf: presence of secondary leaflets	medium	medium
☐ Leaf: green colour	medium	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	absent or very weak
☐ Second pair of lateral leaflets: size	medium	medium
☐ Second pair of lateral leaflets: width in relation to length	medium	medium
☐ Terminal and lateral leaflets: frequency of coalescence	low to medium	absent or very low
☐ Leaflet: waviness of margin	weak to medium	weak
☐ Leaflet: depth of veins	medium	medium to deep
☐ Leaflet: glossiness of the upperside	medium	medium
☐ Plant: height	medium to tall	medium

*Plant: frequency of flowers	absent or very low	medium
*Plant: time of maturity	medium	medium to late
*Tuber: shape	oval	long-oval
Tuber: depth of eyes	shallow	shallow to medium
*Tuber: colour of skin	light beige	light beige
*Tuber: colour of base of eye	white	yellow
*Tuber: colour of flesh	white	light yellow
Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	weak to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Crop34'	'Spunta'
Stem: thickness	thick	medium
Tuber: skin smoothness	medium	
tuber: eyebrows	small	medium
stem: wings	medium	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2012	Granted	'Crop34'
South Africa	2016	Granted	'Crop34'

First sold in New Zealand in 2012.

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

Details of Application	
Application Number	2016/134
Variety Name	'Crop31'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, NZ.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety 'Dawn' was pollinated by the variety 'Karaka' in 1993 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '3103-2' was selected in 2007 and named 'Crop 31'. There have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Tuber	shape	oval
Tuber	skin colour	light beige

Tuber	flesh colour	cream
Flower	colour	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kennebec'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Crop 19'	Lightsprout	anthocyanin colour of base	deep blue-violet	red-violet	

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

Organ/Plant Part: Context	'Crop31'	'Kennebec'
☐ Lightsprout: size	medium to large	large
☑ *Lightsprout: shape	broad cylindrical	spherical
☑ *Lightsprout: intensity of anthocyanin colouration of base	very strong	absent or very weak
☑ *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
☑ *Lightsprout: pubescence of base	strong	absent or very weak
☐ Lightsprout: size of tip in relation to base	medium	small
☑ Lightsprout: habit of tip	intermediate to open	closed
☑ Lightsprout: anthocyanin colouration of tip	very strong	absent or very weak
☐ Lightsprout: pubescence of tip	medium to strong	absent or very weak
☐ *Lightsprout: number of root tips	medium	medium
☐ Lightsprout: length of lateral shoots	medium	medium
☐ Plant: foliage structure	intermediate type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☑ *Stem: anthocyanin colouration	strong	absent or very weak
☐ Leaf: outline size	medium	large
☐ Leaf: openness	intermediate	intermediate
☐ Leaf: presence of secondary leaflets	medium	medium to strong

☐ Leaf: green colour	medium to dark	medium
☐ Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
☐ Second pair of lateral leaflets: size	medium to large	medium to large
☐ Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
☐ Terminal and lateral leaflets: frequency of coalescence	absent or very low	low
☑ Leaflet: waviness of margin	weak	absent or very weak
☐ Leaflet: depth of veins	medium	medium to deep
☐ Leaflet: glossiness of the upperside	medium	medium
☐ Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
☑ Plant: height	medium	tall
☐ *Plant: frequency of flowers	medium to high	medium
☐ Inflorescence: size	medium	small to medium
☐ Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
☐ Flower corolla: size	medium	medium
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
☐ *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
☐ *Plant: time of maturity	early to medium	medium
☐ *Tuber: shape	oval	long-oval
☐ Tuber: depth of eyes	medium	medium
☐ *Tuber: colour of skin	light beige	light beige
☐ *Tuber: colour of base of eye	yellow	yellow
☐ *Tuber: colour of flesh	cream	cream
☑ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	strong	weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	**'Crop31'**	**'Kennebec'**
☐ Stem: Thickness	thick	thick
☐ Tuber: skin smoothness	smooth	smooth
☑ tuber: eyebrows	long	medium
☐ stem: wings	large	
☑ Tuber: pink blush at end	medium	absent

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/136
Variety Name	'Crop77'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	05 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand.
Agent	A J Park, Canberra, ACT
Qualified Person	John Fennell
Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A
Origin and Breeding	
Controlled pollination: The variety 'Summer Delight' (Syn. 'Crop 17') was pollinated by the variety 'Crop 20' in 2005 in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '1334/14' was selected in 2014 and named 'Crop 77. There have been no commercial sales. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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
Lightsprout	shape	ovoid
Tuber	depth of eyes	medium
Tuber	skin colour	light beige

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

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Summer Delight'	Flower	colour	white	blue violet	maternal parent
'Crop 20'	Tuber	skin colour	light beige	red	paternal parent
'Sebago'	Flower	colour	white	blue violet	

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

Organ/Plant Part: Context	'Crop77'	'Atlantic'
☑ Lightsprout: size	small	medium
☐ *Lightsprout: shape	ovoid	ovoid
☐ *Lightsprout: intensity of anthocyanin colouration	weak to medium	medium
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	medium
☐ *Lightsprout: pubescence of base	weak to medium	medium to strong
☐ Lightsprout: size of tip in relation to base	medium	medium
☑ Lightsprout: habit of tip	closed	intermediate
☐ Lightsprout: anthocyanin colouration of tip	weak	absent or very weak
☐ Lightsprout: pubescence of tip	weak	weak to medium
☐ *Lightsprout: number of root tips	medium	medium
☐ Lightsprout: length of lateral shoots	medium	medium
☐ Plant: foliage structure	intermediate type	intermediate type
☑ *Plant: growth habit	upright	semi-upright
☐ *Stem: anthocyanin colouration	weak	weak
☐ Leaf: outline size	small to medium	medium to large
☐ Leaf: openness	intermediate	intermediate to open
☐ Leaf: presence of secondary leaflets	medium	strong
☑ Leaf: green colour	dark	light to medium
☐ Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
☐ Second pair of lateral leaflets: size	small to medium	medium

☐ Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
☐ Terminal and lateral leaflets: frequency of coalescence	absent or very low	very low to low
☑ Leaflet: waviness of margin	strong	weak
☐ Leaflet: depth of veins	deep	medium to deep
☐ Leaflet: glossiness of the upperside	medium to glossy	dull to medium
☑ Plant: height	medium to tall	short
☐ *Plant: frequency of flowers	very low to low	low
☐ *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	medium
☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
☐ *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	medium
☐ *Plant: time of maturity	medium to late	medium
☑ *Tuber: shape	oval	round
☐ Tuber: depth of eyes	medium	medium
☐ *Tuber: colour of skin	light beige	light beige
☐ *Tuber: colour of base of eye	yellow	white
☐ *Tuber: colour of flesh	cream	white
☐ Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Crop77'**	**'Atlantic'**
☑ Stem: thickness	thick	medium
☑ Tuber: eyebrows	medium	small
☐ Stem: wings	large	
☑ Flower: abortion	present	absent

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/140
Variety Name	'Crop56'
Genus Species	*Solanum tuberosum*
Common Name	Potato
Synonym	Nil
Accepted Date	05 Jul 2016
Applicant	The New Zealand Institute for Plant and Food Research Limited, New Zealand
Agent	A J Park
Qualified Person	John Fennell

Details of Comparative Trial	
Location	Waikerie, SA
Descriptor	Potato (*Solanum tuberosum*) UPOV TG/23/6
Period	September 2017 to April 2018
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 25 September 2017. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Sixty plants of the candidate and comparator varieties were planted and placed next to each other for direct visual comparison.
Measurements	Observations of foliage and flowers, where present, were taken on 13 November 2017. Tubers were harvested on 13 December 2017 and after a short period of cool storage in the dark, whilst the skins set, were recorded on 24 December 2017. Tubers were then stored under illumination and the developing lightsprouts were recorded and photographed on 2 April 2018.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety 'Summer Delight' was pollinated by the variety 'Crop 20' in the New Zealand Institute for Plant and Food Research potato breeding program at Lincoln, Canterbury, New Zealand. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '4355-5' was selected in 2012 and named 'Crop 56', there have been no commercial sales. The variety 'Crop 77' was also produced from the crossing of the same parental lines. Breeder: The New Zealand Institute for Plant and Food Research Limited, Auckland, 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**
Lightsprout	shape	conical
Flower	colour	blue/violet

Tuber	skin colour	light beige

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Crop 17'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Summer Delight'	leaf	shape	broad	narrow	maternal parent
'Crop 20'	tuber	skin colour	light beige	red	
'Lady Crystal'	flower	colour	blue-violet	red-violet	
'Agria'	flower	colour	blue-violet	white	
'Crop 77'	lightsprout	shape	conical	ovoid	
'Crop 77'	tuber	flesh colour	medium yellow	cream	
'Crop 77'	flower	frequency	high	aborting	

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

Organ/Plant Part: Context	'Crop56'	'Crop 17'
Lightsprout: size	medium	medium
☐ *Lightsprout: shape	conical	conical
☑ *Lightsprout: intensity of anthocyanin colouration	strong	medium
☐ *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
☐ *Lightsprout: pubescence of base	strong	medium to strong
☐ Lightsprout: size of tip in relation to base	medium	medium
☐ Lightsprout: habit of tip	closed to intermediate	intermediate to open
☐ Lightsprout: anthocyanin colouration of tip	medium to strong	medium
☑ Lightsprout: pubescence of tip	medium	weak
☐ *Lightsprout: number of root tips	medium	medium to many
☐ Lightsprout: length of lateral shoots	short	short to medium
☐ Plant: foliage structure	intermediate type	intermediate type
☐ *Plant: growth habit	semi-upright	semi-upright
☐ *Stem: anthocyanin colouration	medium	weak to medium
☐ Leaf: outline size	medium	medium to large
☑ Leaf: openness	closed	intermediate to open
☑ Leaf: presence of secondary leaflets	strong	medium

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Crop56'**	**'Crop 17'**
☐ **Stem: Thickness**	medium	medium
☐ **Tuber: skin smoothness**	medium	

tuber: eyebrows	small	small
stem: wings	medium	

Prior Applications and Sales

Nil

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

Details of Application	
Application Number	2016/024
Variety Name	'Hydrus'
Genus Species	*Spinacia oleracea*
Common Name	Spinach
Synonym	Nil
Accepted Date	12 Feb 2016
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW
Qualified Person	Jacinta Flattery-O'Brien
Details of Comparative Trial	
Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	SPN692
Location	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
Descriptor	UPOV TG/55/7 & TP/55/5
Period	2016
Conditions	In accordance with UPOV guidelines
Trial Design	In accordance with UPOV guidelines
Measurements	In accordance with UPOV guidelines
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The female parent was developed by several generations of inbreeding in a hybrid, and applying selection for downy mildew resistance and delayed male flowering. The male parent was developed by several generations of inbreeding in a different hybrid, and applying selection for downy mildew resistance and good, quick male flowering. Breeder's: Nunhems B.V., Haelen, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	red colouration of stem, petioles and veins	absent
Leaf Blade	intensity of green colour	medium to dark
Leaf Blade	blistering	medium
Plant	proportion of monoecious plants	high to very high
Plant	Proportion of female plants	very low to low
Plant	Proportion of male plants	absent or very low
Bolting	time to start of bolting (for spring sown crops, 15% of plants)	medium
Plant	resistance to Race Pfs: 5	present
Plant	resistance Race Pfs: 6	present
Plant	resistance Race Pfs:7	present

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Virgo'	
'Antalia'	

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

Organ/Plant Part: Context	**'Hydrus'**	**'Antalia'**	**'Virgo'**
☐ Seedling: length of cotyledon	medium		
☐ *Leaf blade: intensity of green colour	medium to dark		
☑ *Leaf blade: blistering	medium	weak to medium	weak
☐ *Leaf blade: lobing	very weak to weak		
☐ *Petiole: attitude	semi-erect		
☐ Petiole: length	medium		
☐ *Leaf blade: attitude	horizontal to semi-pendulous		
☑ *Leaf blade: shape (excluding basal lobes)	broad elliptic	medium elliptic	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	high to very high	very high	
☑ *Proportion of: female plants	very low to low	absent or very low	
☐ *Proportion of: male plants	absent or very low		
☐ *Time of: start of bolting (for spring sown crops, 15% of plants)	medium	medium	
☐ Seed: spines (harvested seed)	absent		
☐ Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 1	present		
☐ Resistance to: *Peronospora* farinosa f. sp. *spinaciae* Race Pfs: 2	present		
☐ Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 3	present		
☐ Resistance to: *Peronospora* farinosa f. sp. *spinaciae* Race Pfs: 4	present		
☐ Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 5	present		
☐ Resistance to: *Peronospora farinosa* f. sp.	present		

spinaciae Race Pfs: 6			
Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 7	present		
Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 8	present		
Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 10	present		
Resistance to: *Peronospora farinosa* f. sp. *spinaciae* Race Pfs: 11	present		
Resistance to: *Cucumber mosaic virus* (*CMV*)	absent		

Prior Applications and Sales:

Country	Year	Status	Name Applied
EU	2016	Granted	'Hydrus'
The Netherlands	2015	Granted	'Hydrus'

Prior Sales: Nil

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

Details of Application	
Application Number	2017/204
Variety Name	'SRA9'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2017
Applicant	Sugar Research Australia Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis
Details of Comparative Trial	
Location	SRA Meringa, 71378 Bruce Highway, Gordonvale
Descriptor	Sugarcane (*Saccharum*) UPOV TG/186/1
Period	Planted 23 August 2016; Descriptions taken 17-18 July 2017
Conditions	Clones were propagated from cane stalks and planted on the 23rd of August 2016. All planting material was sourced locally and the planting material was of good quality. Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with good soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. Irrigation: Rain-fed only. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease (Ceratocystis paradoxa). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms (Agrypnus spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergents for grasses and broadleaves. Fertiliser: DAP was applied at planting at 100kg/Ha and side dressed with Banana Special K at 270kg/Ha on the 16th of December.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001
Origin and Breeding	
Controlled pollination: the variety is the progeny of a controlled bi-parental cross made by Sugar Research Australia (SRA) in 1996 between the seed parent 'QN81-289' and the pollen parent 'Q166'. Seed was collected from the pollinated female inflorescences and stored for germination in 1997. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	**Context**	**State of Expression in Group of Varieties**
Internode	colour where not exposed to sun	yellow-green
Internode	cross-section	circular

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	**Comments**
'Q183'	
'Q226'	

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

Organ/Plant Part: Context	**'SRA9'**	**'Q183'**	**'Q226'**
☑ *Internode: shape	bobbin-shaped	concave-convex	conoidal
☐ Internode: cross-section	circular	circular	circular
☐ *Internode: colour where exposed to sun (RHS colour chart)	greyed-brown N199A; greyed-yellow 160A, 160B; yellow-green 146B, 152B	greyed-orange 174B; greyed-yellow 160A; yellow-green 144A, 151A	greyed-yellow 160A; yellow-green 144A, N144A
☐ *Internode: colour where not exposed to sun (RHS colour chart)	greyed-purple 183A, 183B; red-purple 59A; greyed-red 178A; yellow-green 152A, 152B	greyed-Orange 176A; greyed-red 178A; yellow-green 144A, 144B, 146D	greyed-orange 177D; yellow-green N144A, N144D, 153D
☐ Internode: depth of growth crack	absent or very shallow	very shallow to shallow	absent or very shallow
☐ *Internode: expression of zigzag alignment	moderate to strong	moderate	moderate
☐ Internode: waxiness	medium	weak to medium	weak to medium
☐ Node: wax ring	narrow	medium	medium
☐ *Node: shape of bud	triangular-pointed to ovate	round to obovate	oval and ovate
☐ Node: bud prominence	medium to strong	medium	medium
☑ Node: depth of bud groove	absent or very shallow	absent or very shallow	medium
☑ Node: bud tip in relation to growth ring	clearly above	intermediate	intermediate
☐ Node: bud cushion	narrow to medium	absent or very narrow	narrow

☐ Node: width of bud wing	narrow to medium	narrow	medium
☐ Leaf sheath: number of hairs	absent or very few	few to medium	very few to few
☑ Leaf sheath: length of hairs	short	medium	medium
☑ Leaf sheath: shape of ligule	crescent-shaped	deltoid	crescent-shaped
☐ Leaf sheath: length of ligule hairs	medium	short to medium	short to medium
☐ Leaf sheath: density of ligule hairs	medium	medium	medium
☑ Leaf sheath: shape of underlapping auricle	lanceolate	transitional	dentoid
☐ Leaf sheath: size of underlapping auricle	small to medium	-	small

Statistical Table			
Organ/Plant Part: Context	**'SRA9'**	**'Q183'**	**'Q226'**
☑ *Culm: height (cm)			
Mean	3120.00	2739.00	-
Std. Deviation	176.50	209.70	-
LSD/sig	194.50	P≤0.01	-
☑ Leaf blade/midrib width ratio			
Mean	13.30	12.40	-
Std. Deviation	1.00	1.90	-
LSD/sig	0.90	P≤0.01	-
☑ Midrib: width (mm)			
Mean	3.10	3.50	-
Std. Deviation	0.30	0.40	-
LSD/sig	0.30	P≤0.01	-

Prior Applications and Sales

Nil.

Description: **George Piperidis**, Sugar Research Australia Limited, Mackay, QLD**.**

Details of Application	
Application Number	2017/210
Variety Name	'SRA10'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	04 Sep 2017
Applicant	Sugar Research Australia Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis
Details of Comparative Trial	
Location	SRA Meringa, 71378 Bruce Highway, Gordonvale
Descriptor	Sugarcane (Saccharum) UPOV TG/186/1
Period	Planted 23 August 2016; Descriptions taken 17-18 July 2017
Conditions	Clones were propagated from cane stalks and planted on the 23rd of August 2016. All planting material was sourced locally and the planting material was of good quality. Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with good soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. Irrigation: Rain-fed only. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease (Ceratocystis paradoxa). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms (Agrypnus spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergents for grasses and broadleaves. Fertiliser: DAP was applied at planting at 100kg/Ha and side dressed with Banana Special K at 270kg/Ha on the 16th of December.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001
Origin and Breeding	
Controlled pollination: the variety is the progeny of a controlled bi-parental cross made by Sugar Research Australia (SRA) in 2005 between the seed parent 'QN92-157'and the pollen parent 'QN91-3898'. Seed was collected from the pollinated female inflorescences and stored for germination in 2006. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the Northern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	cross-section	circular
Internode	colour where not exposed to sun	yellow-green, greyed-orange
Node	bud shape	round

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q253'	
'Q256'	

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

Organ/Plant Part: Context	'SRA10'	'Q253'	'Q256'
☐ *Internode: shape	bobbin-shaped	conoidal	concave-convex
☐ Internode: cross-section	circular	circular	circular
☐ *Internode: colour where exposed to sun (RHS colour chart)	greyed-yellow 160A; yellow-green N144A, 144C, 151A, 152B, 152D, 153D	greyed-yellow 160A; yellow-green 144A, N144A, 151A	greyed-brown N199A; greyed-yellow 160A; yellow-green N144A, 146A
☐ *Internode: colour where not exposed to sun (RHS colour chart)	greyed-orange 177B, 177C; 152A, 152B, 153A, 153B	greyed-orange 174B, 177B, 177C; yellow-green 144A, 152C, 152D, 153D	greyed-purple 183B; greyed-orange 176C; red-purple 59A; yellow-green 144A, N144A, 152B, 152C
☐ Internode: depth of growth crack	absent or very shallow	medium to deep	absent or very shallow
☐ *Internode: expression of zigzag alignment	moderate	moderate	moderate
☐ Internode: waxiness	medium	weak to medium	weak to medium
☐ Node: wax ring	medium	medium	narrow
☐ *Node: shape of bud	round	ovate	round
☐ Node: bud prominence	strong	medium	weak to medium
☐ Node: depth of	absent or very	shallow	absent or very

bud groove	shallow		shallow
☑ Node: bud tip in relation to growth ring	intermediate	intermediate	clearly below
☐ Node: bud cushion	absent or very narrow	narrow to medium	absent or very narrow
☐ Leaf sheath: number of hairs	absent or very few	few	few to medium
☐ Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped
☐ Leaf sheath: ligule width	narrow	medium	medium
☐ Leaf sheath: length of ligule hairs	short	short	short to medium
☐ Leaf sheath: density of ligule hairs	sparse	sparse to medium	dense
☑ Leaf sheath: shape of underlapping auricle	falcate	lanceolate	lanceolate
☑ Leaf sheath: size of underlapping auricle	small to medium	medium to large	small
☐ Leaf sheath: shape of overlapping auricle	transitional	lanceolate	transitional

Statistical Table			
Organ/Plant Part: Context	**'SRA10'**	**'Q253'**	**'Q256'**
☑ Internode: length (cm)			
Mean	15.30	15.30	13.30
Std. Deviation	1.10	1.10	1.30
LSD/sig	1.50	ns	P≤0.01
☑ Leaf leaf blade/midrib width ratio			
Mean	11.40	11.30	9.40
Std. Deviation	1.50	1.20	1.50
LSD/sig	0.90	ns	P≤0.01
☑ Leaf Sheath: length (mm)			
Mean	316.00	266.20	340.00
Std. Deviation	13.00	16.70	16.60
LSD/sig	29.00	P≤0.01	ns
☑ Leaf midrib width (mm)			
Mean	3.40	3.53	4.10
Std. Deviation	0.40	0.35	0.60
LSD/sig	0.30	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **George Piperidis**, Sugar Research Australia Limited, Meringa, QLD**.**

Details of Application	
Application Number	2006/220
Variety Name	'Quantum II'
Genus Species	*Festuca arundinacea*
Common Name	Tall Fescue
Accepted Date	11 Sep 2006
Applicant	PGG Wrightson Seeds Ltd, New Zealand
Qualified Person	James Sewell

Details of Comparative Trial	
Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	FES010
Location	Centralised PVR Trials, Lincoln, Christchurch , New Zealand
Descriptor	TG/39/8 2002
Period	2007 to 2010
Conditions	Field trial grown under normal growing conditions

Origin and Breeding

Controlled pollination followed by seedling selection: In 2001 a number of elites of 'Quantum' were selected for vigour and softness, these were grown on and polycrossed, twelve plants of the progeny were then selected for vigour, softness and disease resistance. These were then grown and a further 12 elite plant selected for polycross. Seed from five of the progeny were grown on and the variety selected. Field trials were carried out to ensure uniformity and stability. The variety was named 'Quantum II'. Breeder: Michael Norriss, PGG Wrightson Seed Ltd, Christchurch 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**
Ploidy	ploidy	hexaploid
Plant	time of inflorescence emergence	very early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	**Comments**
'Quantum'	
'Grasslands Flecha'	

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

Organ/Plant Part: Context	**'Quantum II'**	**'Grasslands Flecha'**	**'Quantum'**
☐ *Ploidy:	hexaploid	hexaploid	hexaploid
☐ Foliage: fineness	medium to		

	coarse		
*Leaf: intensity of green colour during vegetative growth stage	medium	medium	medium
Plant: natural height after vernalisation	medium	medium to long	medium
*Plant: time of inflorescence emergence	very early		
Plant: growth habit at inflorescence emergence	intermediate	sem-erect to intermediate	intermediate
Plant: natural height at inflorescence emergence	medium to long	medium	long
*Stem: length of longest stem including inflorescence	medium	medium to long	
*Flag leaf: width	medium	medium	
Inflorescence: length	medium	long to very long	
*Flag leaf: length on representative stem	short to medium		medium

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	**'Quantum II'**	**'Grasslands Flecha'**	**'Quantum'**
Plant: Vegetative growth habit	intermediate		
Vegetative leaf: Length	medium to long		
Plant: Growth in winter	medium to strong		
Stem: Length of upper internode	medium		short to medium
Spikelet: Length (from middle of lowest branch of inflorescence	medium		

Prior Applications and Sales:

Nil

First sold in Australia, March 2006

Description: **James Sewell,**, Ballarat, VIC, 3354

Details of Application	
Application Number	2016/248
Variety Name	'Starburst'
Genus Species	*Tulbaghia* hybrid
Common Name	Tulbaghia
Synonym	Nil
Accepted Date	11 Oct 2016
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial	
Location	Wonga Park, VIC
Descriptor	African Lily (*Agapanthus*) TG/266/1 Rev. Corr.
Period	March 2017 to October 2017
Conditions	Trial conducted in the open with overhead irrigation, plants propagated via division and transferred to 140mm pots in March 2017. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required
Trial Design	Twelve plants of each variety in a randomised design
Measurements	From ten plants randomly selected
RHS Chart - edition	Fifth Edition

Origin and Breeding

Controlled pollination: Crossing occurred in Wonga Park, VIC in October 2009. Maternal parent Dark Star and paternal parent cepacea. This was part of an ongoing breeding program. From this cross the generation was sown in January 2010 and grown to flowering maturity in 140 mm containers. In November 2010 one plant was selected for its flower colour, plant size, plant habit and leaf width. This plant was then propagated via division and several grown on as mature plants for assessment over the next 4 years. Final Selection criteria: Plant density of foliage dense, leaf width medium, flower colour purple - violet and length of flowering long. All generations have been found to be uniform and stable. Final selection for commercialisation occurred in 2014. Breeder: Plant Growers 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	density of foliage	dense to very dense
Leaf	curvature	absent or slightly recurved
Peduncle	thickness	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fairy Star'	
'Dark Star'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Cepacea'	plant	density of foliage	dense	medium	parental variety
'Starlet'	peduncle	thickness	medium	thin	

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

Organ/Plant Part: Context	'Starburst'	'Dark Star'	'Fairy Star'
☐ Plant: type	evergreen	evergreen	evergreen
☐ Leaf: length	medium	medium	medium
☐ Leaf: curvature	absent or slightly recurved	absent or slightly recurved	absent or slightly recurved
☐ Leaf: variegation	absent	absent	absent
☑ Inflorescence bract: length of tip relative to total length of bract	very short	short	short
☐ Inflorescence bract: opening	two sides	two sides	two sides
☐ Peduncle: length	medium	medium	medium
☐ Peduncle: thickness	medium	medium	medium
☐ Inflorescence: shape in lateral view	narrow oblate	narrow oblate	narrow oblate
☐ Flower: shape	funnel	funnel	funnel
☐ Flower: type	single	single	single
☐ Perianth: length	medium	medium	medium
☐ Perianth: overlapping of tepal lobes	absent	absent	absent
☐ Tepal lobe: ratio length/width	strongly elongated	strongly elongated	strongly elongated
☐ Tepal lobe: undulation of margin	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Starburst'	'Dark Star'	'Fairy Star'
☐ Plant: density of foliage	dense	dense to very dense	dense to very dense
☐ perianth tube: main colour of outerside (RHS colour chart)	N81C	N80D	N78D
☐ tepal lobe: colour of midrib zone of inner side (RHS colour chart)	N81B	N80B	76C
☐ tepal lobe: fading of margin	absent	absent	absent
☐ flower bud: main colour (RHS	N81C	N80B	75B

Colour Chart)			
☑ Tepal lobe: colour of marginal zone of inner side (RHS colour chart)	N81D	N80D	76C
☐ Leaf: colour of upper side excluding variegation (RHS colour chart)	137B	137B	137C
☑ Leaf: width	medium	narrow	narrow
☐ Leaf: length	medium	medium	medium
☐ Inflorescence: shape in lateral view	narrow oblate	narrow oblate	narrow oblate
☐ Peduncle: length	medium	medium	medium
☐ Leaf: curvature	absent or slightly recurved	absent or slightly recurved	absent or slightly recurved

Prior Applications and Sales
Nil

First sold in Australia in October 2015.

Description: **Steve Eggleton**, Wonga Park, VIC 3115.

GRANTS:

Acmena smithii

LILLY PILLY

‘Viclow’ϕ

Application No: 2015/239
Applicant: **Vic Ciccolella**
Certificate No: 5563 Expiry Date: 20/03/2043.
Agent: **The Paradise Seed Company Pty Limited**, KARIONG, NSW.

Agapanthus orientalis

AGAPANTHUS, AFRICAN LILY

‘Golden Drop’ϕ

Application No: 2015/007
Applicant: **Chris Roebuck**
Certificate No: 5572 Expiry Date: 23/03/2038.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Allium porrum

LEEK

‘NUNTON’ϕ

Application No: 2011/235
Applicant: **Nunhems B.V.**
Certificate No: 5557 Expiry Date: 19/03/2038.
Agent: **Shelston IP**, Sydney, NSW.

Aloe hybrid

ALOE

‘LEO 1730’ϕ syn Southern Crossϕ

Application No: 2008/353
Applicant: **Leo Peter Erik Thamm**
Certificate No: 5542 Expiry Date: 2/02/2038.
Agent: **Michael Dent**, Taringa, QLD.

Calibrachoa hybrid

CALIBRACHOA

‘USCAL41401’Φ

Application No: 2015/118
Applicant: **Plant 21 LLC**
Certificate No: 5550 Expiry Date: 6/03/2038.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Calibrachoa hybrid

CALIBRACHOA

‘USCAL42202’Φ

Application No: 2015/117
Applicant: **Plant 21 LLC**
Certificate No: 5549 Expiry Date: 6/03/2038.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Capsicum annuum

SWEET PEPPER

‘Maduro’Φ

Application No: 2015/105
Applicant: **Enza Zaden Beheer B.V.**
Certificate No: 5541 Expiry Date: 29/01/2038.
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Chloris gayana

RHODES GRASS

‘Epica INTA-Peman’Φ syn Epica Φ

Application No: 2012/147
Applicant: **Instituto Nacional de Tecnología Agropecuaria (INTA)**
Certificate No: 5576 Expiry Date: 28/03/2038.
Agent: **Selected Seeds Pty Ltd**, Pittsworth, QLD.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Salsa’Φ

Application No: 2014/154

Applicant: **Peter Fraser**
Certificate No: 5543 Expiry Date: 7/02/2043.
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Seipin’ϕ

Application No: 2010/242
Applicant: **Neil Alcock**
Certificate No: 5551 Expiry Date: 9/03/2043.
Agent: **Outback Plants Pty Ltd**, Wonga Park, VIC.

Cordyline brasiliensis

CORDYLINE

‘Mysticjoy’ϕ

Application No: 2012/019
Applicant: **Walter John Drane & Doreen Joy Drane**
Certificate No: 5540 Expiry Date: 18/01/2038.
Agent: **Oasis Horticulture Pty Ltd**, NSW.

Evolvulus hybrid

EVOLVULUS

‘USEVO1201’ϕ

Application No: 2015/204
Applicant: **Plant 21 LLC**
Certificate No: 5552 Expiry Date: 9/03/2038.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Festuca arundinacea

TALL FESCUE

‘Temora’ϕ

Application No: 2012/088
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5561 Expiry Date: 20/03/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Hordeum vulgare

BARLEY

‘LG Alestar’Φ

Application No: 2015/081
Applicant: **Limagrain Europe s.a.**
Certificate No: 5567 Expiry Date: 21/03/2038.
Agent: **Elders Limited**, Melbourne, VIC.

Hordeum vulgare

BARLEY

‘LG Maltstar’Φ

Application No: 2015/082
Applicant: **Limagrain Europe s.a.**
Certificate No: 5568 Expiry Date: 21/03/2038.
Agent: **Elders Limited**, Melbourne, VIC.

Hordeum vulgare

BARLEY

‘ShineStar’Φ

Application No: 2015/139
Applicant: **Sapporo Breweries Ltd, The University of Adelaide**
Certificate No: 5565 Expiry Date: 20/03/2038.
Agent: **The University of Adelaide Enterprise**, The University of Adelaide, SA.

Lablab purpureus

LABLAB BEAN

‘LLW-014’Φ

Application No: 2015/091
Applicant: **Blue Ribbon Seed & Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**
Certificate No: 5560 Expiry Date: 20/03/2038.

Lablab purpureus

LABLAB BEAN

‘LLW-015’Φ

Application No: 2015/092

Applicant: **Blue Ribbon Seed & Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**
Certificate No: 5569 Expiry Date: 20/03/2038.

Lablab purpureus

LABLAB BEAN

‘SSLL-042’ϕ

Application No: 2015/084
Applicant: **Selected Seeds Pty Ltd**
Certificate No: 5559 Expiry Date: 20/03/2038.

Lactuca sativa

LETTUCE

‘Bataflash’ϕ

Application No: 2013/174
Applicant: **Nunhems B.V.**
Certificate No: 5558 Expiry Date: 19/03/2038.
Agent: **Shelston IP**, Sydney, NSW.

Lolium boucheanum

HYBRID RYEGRASS

‘PSPT’ϕ

Application No: 2012/091
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5566 Expiry Date: 21/03/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lolium multiflorum

ITALIAN RYEGRASS

‘ASST’ϕ

Application No: 2012/092
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5547 Expiry Date: 26/02/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lolium multiflorum

ITALIAN RYEGRASS

‘Knight’Φ

Application No: 2012/090
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5546 Expiry Date: 26/02/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lolium multiflorum

ITALIAN RYEGRASS

‘Thumpa’Φ

Application No: 2013/109
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5553 Expiry Date: 19/03/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lolium perenne

PERENNIAL RYEGRASS

‘Excess’Φ

Application No: 2013/110
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5555 Expiry Date: 19/03/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lolium perenne

PERENNIAL RYEGRASS

‘Request’Φ

Application No: 2012/089
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5545 Expiry Date: 26/02/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Lupinus albus

WHITE LUPIN

‘Murringo’Φ

Application No: 2015/243

Applicant: **Department of Primary Industries for and on behalf of the State of NSW, Grains Research and Development Corporation**
Certificate No: 5575 Expiry Date: 27/03/2038.

Mandevilla hybrid

MANDEVILLA

‘Sunpararopi’ϕ

Application No: 2013/083
Applicant: **Suntory Flowers Limited**
Certificate No: 5577 Expiry Date: 29/03/2038.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Rhaphiolepis indica

INDIAN HAWTHORN

‘Rapopink’ϕ

Application No: 2015/203
Applicant: **The Paradise Seed Company Pty. Limited**
Certificate No: 5564 Expiry Date: 20/03/2038.

Saccharum hybrid

SUGARCANE

‘SRA5’ϕ

Application No: 2016/210
Applicant: **Sugar Research Australia Limited**
Certificate No: 5571 Expiry Date: 23/03/2038.

Saccharum hybrid

SUGARCANE

‘SRA6’ϕ

Application No: 2016/208
Applicant: **Sugar Research Australia Limited**
Certificate No: 5573 Expiry Date: 23/03/2038.

Saccharum hybrid

SUGARCANE

‘SRA7’Φ

Application No: 2016/209
Applicant: **Sugar Research Australia Limited**
Certificate No: 5574 Expiry Date: 23/03/2038.

Solanum tuberosum

POTATO

‘Top Cat’Φ

Application No: 2014/031
Applicant: **Colorado State University Research Foundation**
Certificate No: 5544 Expiry Date: 15/02/2038.
Agent: **Simplot Australia Pty. Ltd.**, Mentone, VIC.

Trifolium pratense

RED CLOVER

‘RLH’Φ

Application No: 2012/093
Applicant: **Grasslands Innovation Ltd.**
Certificate No: 5548 Expiry Date: 26/02/2038.
Agent: **Griffith Hack**, Palmerston North, NZ.

Triticum aestivum

WHEAT

‘LG B53’Φ

Application No: 2015/085
Applicant: **Limagrain Europe s.a.**
Certificate No: 5570 Expiry Date: 21/03/2038.
Agent: **Elders Limited**, Melbourne, VIC.

Tulbaghia violacea x cominsii

TULBAGHIA, WILD GARLIC

‘Starlet’Φ

Application No: 2015/240

Applicant: **Plant Growers Australia Pty Ltd**
Certificate No: 5562 Expiry Date: 20/03/2038.
Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Vitis vinifera

GRAPE VINE

'TTG13'ϕ

Application No: 2013/050
Applicant: **Tabletop Grapes Pty Ltd**
Certificate No: 5556 Expiry Date: 12/03/2043.

Assignment of Rights

App. No.	*Genus*	*Species*	Variety	Common Name	Changed From	Changed To
2009/139	Chloris	gayana	Mariner	Rhodes Grass	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, GeneGro Pty Ltd	Heritage Seeds Pty Ltd, GeneGro Pty Ltd
2009/141	Chloris	gayana	Sabre	Rhodes Grass	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, GeneGro Pty Ltd	Heritage Seeds Pty Ltd, GeneGro Pty Ltd
2010/070	Chloris	gayana	KP8	Rhodes Grass	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, GeneGro Pty Ltd	Heritage Seeds Pty Ltd, GeneGro Pty Ltd
2010/071	Chloris	gayana	KG2	Rhodes Grass	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, GeneGro Pty Ltd	Heritage Seeds Pty Ltd, GeneGro Pty Ltd
1997/097	Cicer	arietinum	Bumper	Chickpea	Australian Agricultural Technologies Limited	AgriVentis Technologies Pty Ltd
2014/200	Stenotaphrum	secundatum	GR28	Buffalo Grass	Geoffrey Ridge	Veltek Excavations Pty Ltd

2016/004	Pittosporum	tenuifolium	JDPM001	Pittosporum	JD Propagation	Patience Investments Pty Ltd as Trustees for Patience Investments Trust
2016/005	Pittosporum	tenuifolium	JDPM002FL	Pittosporum	JD Propagation	Patience Investments Pty Ltd as Trustees for Patience Investments Trust
2009/053	Solanum	tuberosum	Lady Blanca	Potato	Mitolo Group Pty Ltd	C. Meijer BV
2012/232	Solanum	tuberosum	Lady Anna	Potato	Mitolo Group Pty Ltd	C. Meijer BV
1996/158	stenotaphrum	secundatum	SS100	Buffalo Grass	Ozbreed Pty Ltd, West Australian Group Pty Ltd	TurfBreed Pty Ltd, West Australian Group Pty Ltd
2002/342	Stenotaphrum	secundatum	B12	Buffalo Grass	Ozbreed Pty Ltd, West Australian Group Pty Ltd	TurfBreed Pty Ltd, West Australian Group Pty Ltd
2001/069	Zoysia	japonica	SS-300	Zoysia Grass	Ozbreed Pty Ltd, West Australian Group Pty Ltd	TurfBreed Pty Ltd, West Australian Group Pty Ltd
2001/070	Zoysia	japonica	SS-500	Zoysia Grass	Ozbreed Pty Ltd, West Australian Group Pty Ltd	TurfBreed Pty Ltd, West Australian Group Pty Ltd
2004/201	Medicago	sativa	Silverado	Lucerne	Springbrook Nominees Pty Ltd	Upper Murray Seeds Pty Ltd

Applications Refused

Application No.	*Genus*	*Species*	Variety	Synonym	Common Name
2011/193	Brassica	napus	GT Cobra		Canola
2011/002	Brassica	napus	ATR-SNAPPER		Canola
2011/196	Brassica	napus	GT Viper		Canola

Change/Nomination of Agent

App. No.	*Genus*	*Species*	Variety	Changed From	Changed To
2008/151	Actinidia	chinensis	Z487	PIPZ LIMITED	
2007/164	Actinidia	chinensis	W45	PIPZ LIMITED	
2007/101	Actinidia	chinensis	Y368	PIPZ LIMITED	
2007/100	Actinidia	chinensis	S600	PIPZ LIMITED	
2017/189	Vitis	vinifera	Aratwentynine	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2014/221	Vitis	vinifera	Arraeleven	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2014/223	Vitis	vinifera	Arrafifteen	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2014/225	Vitis	vinifera	Arranineteen	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2014/224	Vitis	vinifera	Arrasixteen	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2014/222	Vitis	vinifera	Arrathirteen	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2017/187	Vitis	vinifera	Arrathirty	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2017/188	Vitis	vinifera	Arrathirtytwo	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2017/190	Vitis	vinifera	Arratwentyeight	Perfection Fresh Pty Ltd	Romeos Best Pty Ltd
2003/238	Lactuca	sativa var. longifolia	Cyclone	Freehills Patent & Trade Mark Attorneys	FPA Patent Attorneys Pty Ltd
1999/305	Solanum	tuberosum	Lady Olympia	Ag Seed Company Pty Ltd	Ashurst
1999/306	Solanum	tuberosum	Lady Claire	Ag Seed Company Pty Ltd	Ashurst
2003/296	Solanum	tuberosum	Lady Jo	Ag Seed Company Pty Ltd	Ashurst
1997/097	Cicer	arietinum	Bumper		Peter Maxwell and Associates
2014/200	Stenotaphrum	secundatum	GR28		Meyer West IP
2012/232	Solanum	tuberosum	Lady Anna		Ashurst
2009/053	Solanum	tuberosum	Lady Blanca		Ashurst
2009/003	Vitis	vinifera	Sweet Angie	MIR Lawyers	The Lantern Legal Group trading as Sladen Legal

Change of Applicant's Name

App. No.	*Genus*	*Species*	Variety	Common Name	Changed From	Changed To
2015/247	*Citrus*	*sinensis*	DV	Sweet orange	John Davidson, Carol Davidson	Carol Davidson
2015/148	*Vicia*	*faba*	PBA Zahra	Field Bean	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation	The University of Adelaide, Grains Research and Development Corporation

Denomination Changed

Application No.	*Genus*	*Species*	Common Name	Changed From	Changed To
2017/164	Hordeum	vulgare	Barley	IGB305	Banks
2017/332	Fragaria	xananassa	Strawberry	20-5-1	BS20-5-1
2017/283	Solanum	lycopersicum	Tomato	NUN 09196	PROVINE

Applications Withdrawn

The following varieties are no longer under PBR provisional protection

App. No.	*Genus*	*Species*	Common Name	Variety
2015/145	Xanthostemon	fruticosus	Xanthostemon	Red Chief
2006/195	Actinidia	deliciosa	Kiwifruit	SUMMER 3373
2014/277	Impatiens	hybrid	New Guinea Impatiens	Kironette
2009/366	Petunia	hybrid	Petunia	Hoobeni S
2011/077	Brachychiton	acerifolius x populneus	illawarra Flame Tree x Kurrajong	Coral Beauty
2009/255	Malus	domestica	Apple	MJ 801.20
2009/256	Malus	domestica	Apple	MJ 810.04
2014/003	Lactuca	sativa	Lettuce	Ragol
2017/060	Chrysanthemum	indicum	Indian Chrysanthemum	CHR130560
2006/018	Festuca	arundinacea	Tall Fescue	Origin

Grants Surrendered

App. No.	*Genus*	*Species*	Variety	Synonym	Common Name
2006/088	Lomandra	hystrix	LHCOM		Spiny Headed Mat Rush
1999/326	Triticum	aestivum	Petrie		Wheat
2013/021	Rosa	hybrid	GRA101547		Rose
2013/157	Rosa	hybrid	GRA102471		Rose
2013/281	Rosa	hybrid	GRA107112		Rose
2007/006	Coprosma	repens	Goldenglow		Mirror Plant
2007/216	Hordeum	vulgare	Hannan		Barley
2005/346	Triticum	aestivum	Bullaring		Wheat
2002/068	Hordeum	vulgare	DHOW		Barley
2006/208	Vicia	sativa	Love 2		Common Vetch
2008/057	Lolium	multiflorum	LM299		Italian Ryegrass
2012/049	Rosa	persica hybrid	PEJBIGEYE		Hybrid hulthemia rose
2013/213	Lactuca	sativa	Bachata		Lettuce
1998/138	Triticum	aestivum	Camm		Wheat
2000/212	Rosa	hybrid	Meivanthou		Rose
1997/105	Rosa	hybrid	MEIQUALIS		Rose
2010/267	Rosa	hybrid	Meiflemingue		Rose
2008/193	Sutera	grandiflora	Balabowite		Bacopa
2001/232	Malus	domestica	Western Tang		Apple
2012/027	Alstroemeria	hybrid	Konpepper		Peruvian Lily

Grants Expired

The following varieties are no longer under PBR protection:

App. No.	*Genus*	*Species*	Common Name	Variety
1996/121	Rosa	hybrid	Rose	LIGHT TOUCH
1996/001	Cucurbita	moschata	Pumpkin	LOANA 52
1996/010	Grevillea	juniperina	Grevillea	ALLYN RADIANCE
1996/201	Avena	sativa	Oats	AC MEDALLION
1996/062	Rosa	hybrid	Rose	Auslevel
1996/061	Rosa	hybrid	Rose	Ausgold
1996/226	Stenotaphrum	secundatum	Buffalo Grass	SIR WALTER
1996/198	Lolium	perenne	Perennial Ryegrass	PROLONG
1997/078	Rosa	hybrid	Rose	Ausmak
1995/148	Rosa	hybrid	Rose	Aussaucer
1995/291	Photinia	hybrid	Photinia	SUPERHEDGE
1995/229	Camellia	sasanqua	Camellia	PARADISE HELEN
1996/119	Camellia	sasanqua	Camellia	Sweet Jane
1996/271	Camellia	sasanqua	Camellia	SNOWCLOUD

Corrigenda

Lablab Bean
Lablab purpureus

'LLP-016'
Application Number: 2016/108
The claim of distinctness on "Plant: growth type" has been removed as this distinctness was inadvertently published.

Cotton
Gossypium hirsutum

'Sicot 754B3F'
Application Number: 2016/022
The claim of distinctness on "Flower: position of stigma relative to anthers" has been removed as this distinctness was inadvertently published.

'Sicot 714B3F'
Application no: 2016/019

The claim of distinctness on "Stigma: distance above stamens (mm)" has been removed from the statistical table published in PVJ 29.4 as this measured characteristic does not satisfy the PBR uniformity criteria.

'Sicot 812RRF'
Application no: 2016/018

The claim of distinctness on "Boll: peduncle length (mm)" has been removed from the statistical table published in PVJ 29.4 as this measured characteristic does not satisfy the PBR uniformity criteria.

'Sicot 711RRF'
Application no: 2016/017

The claim of distinctness on "Plant: height (cm)" has been removed from the statistical table published in PVJ 29.4 as this measured characteristic does not satisfy the PBR uniformity criteria.

Agapanthus
Agapanthus orientalis

'PMB012'
Application no: 2016/313
The claim of distinctness on Perianth tube: main colour of outer side has been removed as this distinctness was inadvertently published. And the claim of distinctness on Perianth: diameter (mm) has been removed from the statistical table published in PVJ 29.4 as this measured characteristic does not satisfy the PBR uniformity criteria.

Mandevilla
Mandevilla amabilis x *bolviensis*

'Lanarizona'
Application no: 2014/214

The claim of distinctness on Young stem: anthocyanin coloration and Corolla tube: length (mm) have been removed from the description published in PVJ 29.4 (page 185 & 187) as these distinctness were inadvertently published.

Mandevilla sanderi

'Lanmissouri'

Application no: 2014/215

The statistical table of the description published in PVJ 29.4 (page 220) should read as:

Statistical Table		
Organ/Plant Part: Context	**'Lanmissouri'**	**'Lanoregon'**
☑ Corolla throat: length (mm)		
Mean	26.75	33.55
Std. Deviation	1.81	2.77
LSD/sig	3.0	P≤0.01

Strawberry

Fragaria × ananassa

‘Triumph’

Application no: 2014/340

The claim of distinctness on Fruit: colour (RHS Colour Chart) has been removed from the description published in PVJ 30.2 (page 311) as this distinctness was inadvertently published.

‘DrisStrawForty’

Application no: 2014/071

The Origin and Breeding of the published description (PVJ 29.2, page 228) should read as following:

Origin and Breeding
Controlled cross pollination: ‘DrisStrawForty’ is the result of a controlled cross pollination between the proprietary female parent ‘227M226’ and the proprietary pollen parent‘44N314’. The seedling was discovered in 2008 and underwent successive generations of asexual propagation for 5 years (2008-2012) and has remained stable retaining its distinctive characteristics. Breeders: Esther Kibbe and Philip J Stewart both employees of Driscoll Strawberry Associates Inc. Watsonville, CA, USA.

‘DrisStrawFortyOne’
Application no: 2014/069

The Origin and Breeding of the published description (PVJ 29.2, page 261) should read as following:

Origin and Breeding
Controlled cross pollination: ‘DrisStrawFortyOne’ is the result of a controlled cross pollination between the proprietary female parent ‘142N322’ and the proprietary pollen parent ‘131N177’ and has undergone 6 years of successive asexual propagations. The variety has remained stable and retains its distinctive characteristics. Breeders: Philip J Stewart, Renae Robertson, Joanne F Cross, Martin P Madesko, Augustin M Renteria and Bruce D Mowrey all employees of Driscoll Strawberry Associates, Inc. Watsonville, CA, USA.

Australian Government
IP Australia

Part 3 Appendices

The appendices to *Plant Varieties Journal* **(Vol. 31 Issue 1)** are listed below:

Appendix -1 –Fees

This page sets out the PBR fees associated with applications, examination, certificates, annual and Qualified Person accreditation fees. Please note upcoming changes to fees. For more information please read our news article on the Fee Review Update.

PBR fees are subject to change. GST does not apply to these statutory fees under Division 81 of the *GST Act 1999*.

New Application

The Application Fee must accompany the Part 1 application at the time of lodgement. It covers an initial 'examination for acceptance', the issue of a letter of acceptance and provisional protection.

Fee Item/Action	**from 1 October 2012 Fee**	
	Approved Means	By Another Means
PBR Application	$345	$445

Examination

Applicants have twelve months from the date of acceptance to pay the Lodgement of the Detailed Description Fee (commonly referred to as the “Examination Fee”). The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine - contact the PBR Office for further details.

The “Examination Fee” pays for the assessment of the description, the publication of the description and photograph of the new variety in Plant Varieties Journal, the field examination (if any), and any other enquiries necessary to establish eligibility for PBR. examination of the application, including field examination and publication of the description and photograph, will not commence until the Examination Fee has been received.

After the description has been published, successful applicants will be asked to pay the Certificate Fee. This covers the final examination of all details, the production of a certificate and copy of the variety’s description in the PBR Register.

Fee Item/Action	**from 1 July 2012 Fee**
Examination - Single Application	$1610
Examination - Application based on overseas test data	$1610

Examination - multiple application rate applicable only to two or more varieties tested at the same site in Australia and when applications and descriptions are lodged simultaneously by the same applicant and QP and examined simultaneously (fee for each variety)	$1380
Examination - at an authorised Centralised Testing Centre when 5 or more candidate varieties of the same genus are tested simultaneously (fee for each variety)	$920
Certificate	$345

Annual Fee

An Annual Maintenance Fee (sometimes called the Annual or Renewal Fee) is payable each year on the anniversary of the granting of the right. The Annual Maintenance Fee must be paid to maintain the grant.

Fee Item/Action	**from 1 July 2012 Fee**	
	Approved Means	By Another Means
Annual Fee	$345	$395

Qualified Person

Fee Item/Action	**from 1 July 2012 Fee**
Application for Accreditation as a Qualified Person	$50
Renewal of Qualified Person Accreditation (each year)	$50

APPENDIX 2 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Agapanthus	Paananen, Ian
Almonds	Cottrell, Matthew Edwards, Arthur McClintlock, Rachael Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Mitchell, Leslie Oates, John Paananen, Ian Tancred, Stephen Krys Lockhart
Anigozanthos	Paananen, Ian Smith, Daniel
Anthurium	Paananen, Ian

Aroid	Harrison, Peter
Avocado	Chislett, Susan Cottrell, Matthew Edwards, Arthur MacGregor, Alison Paananen, Ian Parr, Wayne Roe, Denis Swinburn, Garth Whiley, Tony
Azalea	Paananen, Ian
Barley	Collins, David Downes, Ross Madsen, Dean Stuart, Peter
Berry Fruit	Fleming, Graham Paananen, Ian Zorin, Margaret
Blackberry	Paananen, Ian
Blueberry	Paananen, Ian Scalzo, Jessica Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian
Brassica	Christie, Michael Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Griffin, Dale Gororo, Nelson Kadkol, Chandrika Kadkol, Gururaj O'Connell Peter Paananen, Ian Watson, Brigid
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian
Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian

Callistemon	Parsons, Rodney
Capsicum	Zorin, Margaret
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Warner, Philip
Carnation/Dianthus	Paananen, Ian
Cereals	Bullen, Kenneth Christie, Michael Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Harrison, Peter Kemp, Stuart Madsen, Dean Mitchell, Leslie Moore, Stephen Oates, John Paananen, Ian Roake, Jeremy Rose, John Sadeque, Abdus Siedel, John Stuart, Peter Watson, Brigid
Cherry	Cramond, Gregory Fleming, Graham Mackay, Alastair Mitchell, Leslie
Chickpeas	Downes, Ross Collins, David Paananen, Ian
Chinese Elm	Fennell, John
Chrysanthemum	Paananen, Ian
Cichorium	Kemp, Stuart
Citrus	Chislett, Susan Cottrell, Matthew Edwards, Arthur MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Swinburn, Garth Topp, Bruce

Clivia	Paananen, Ian Smith, Kenneth
Clover	Downes, Ross Lake, Andrew Lin, Joy Madsen, Dean Mitchell, Leslie Paananen, Ian Watson, Brigid
Cordyline	Warren, Andrew
Cucumis	Blackwell, Ean
Cucurbits	Christie, Michael Herrington, Mark O'Connell Peter Paananen, Ian
Dianella	Paananen, Ian
Dogwood	Fleming, Graham
Desmanthus	Loch, Don Stuart, Peter
Echinacea	Paananen, Ian
Echinochloa	Stuart, Peter
Eremophila	Parsons, Rodney
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne
Fibre Crops	Gillespie, David
Fig	Cottrell, Matthew Fleming, Graham Paananen, Ian Parr, Wayne
Forage Grasses	Downes, Ross Fennell, John Harrison, Peter Kemp, Stuart Mitchell, Leslie Paananen, Ian Watson, Brigid

Forage Legumes	Downes, Ross Fennell, John Harrison, Peter Howie, Jake James, Jennifer Kemp, Stuart Lake, Andrew Loch, Don Lin, Joy Siedel, John
Fruit	Brown, Gordon Chislett, Susan Christie, Michael Cramond, Gregory Cottrell, Matthew Delaporte, Kate Fleming, Graham Gillespie, David Mitchell, Leslie Paananen, Ian Parr, Wayne
Fuchsia	Paananen, Ian
Garlic	Griffin, Dale
Gerbera	Paananen, Ian
Ginger	Whiley, Tony
Grape	Cottrell, Matthew Delaporte, Kate Edwards, Arthur Farquhar, Wayne Fleming, Graham Hashim-Maguire, Jennifer Kadkol, Chandrika MacGregor, Alison McClintlock, Rachael Mitchell, Leslie Paananen, Ian Parr, Wayne Smith, Daniel Swinburn, Garth Zorin, Margaret
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney
Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops	Paananen, Ian

Hydrangea	Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Kiwifruit	Paananen, Ian Lunghusen, Mark Warren, Andrew
Lavender	Paananen, Ian
Legumes	Christie, Michael Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Harrison, Peter Kadkol, Gururaj Lake, Andrew Loch, Don Mitchell, Leslie Paananen, Ian Rose, John
Lentils	Collins, David Downes, Ross
Leucaena	Roche, Matthew
Lilium	Paananen, Ian
Linseed	Bluett, Christopher
Liriope	Paananen, Ian
Lettuce	Christie, Michael Blackwell, Ean O'Connell, Peter
Leptospermum	Warren, Andrew
Lomandra	Paananen, Ian
Lucerne	Downes, Ross Lake, Andrew Mitchell, Leslie Stuart, Peter
Lupin	Collins, David
Lychee	Roe, Denis

Macadamia	Paananen, Ian Roe, Denis
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Mitchell, Leslie Paananen, Ian Parr, Wayne Roe, Denis Whiley, Tony
Metrosideros	Roche, Matthew
Mushrooms, edible	Paananen, Ian
Myrtaceae	Dunstone, Bob Paananen, Ian
Myrtus	Buchanan, Peter
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Madsen, Dean Stuart, Peter
Oilseed crops	Christie, Michael Downes, Ross Madsen, Dean Oates, John Paananen, Ian Siedel, John
Olives	Edwards, Arthur Lunghusen, Mark Paananen, Ian
Onions	Fennell, John Griffin, Dale O'Connell Peter Paananen, Ian

Ornamentals - Exotic	Angus, Tim Christie, Michael Collins, Ian Delaporte, Kate Eggleton, Steve Fisk, Anne Marie Fleming, Graham Harrison, Dion Harrison, Peter Loch, Don Lunghusen, Mark Mitchell, Hamish Mitchell, Leslie Oates, John Paananen, Ian Prescott, Chris Prince, John Robb, John Singh, Deo Stewart, Angus Watkins, Phillip
Ornamentals - Indigenous	Angus, Tim Christie, Michael Delaporte, Kate Downes, Ross Eggleton, Steve Harrison, Dion Harrison, Peter Loch, Don Lowe, Greg Lunghusen, Mark Mitchell, Hamish Molyneux, W M Oates, John Paananen, Ian Prince, John Singh, Deo Stewart, Angus Watkins, Phillip
Osmanthus	Paananen, Ian Robb, John
Osteospermum	Paananen, Ian

Pastures & Turf	Cameron, Stephen Christie, Michael Cook, Bruce Downes, Ross Fennell, John Harrison, Peter Paananen, Ian Kadkol, Gururaj Lin, Joy Loch, Don Madsen, Dean McMaugh, Peter Mitchell, Leslie Oates, John Ovenden, Katrina Paananen, Ian Roche, Matthew Rose, John Sewell, James Smith, Raymond Zorin, Margaret
Peanut	Cruickshank, Alan
Pear	Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Paananen, Ian Tancred, Stephen
Pelargonium	Paananen, Ian
Persimmon	Edwards, Arthur Paananen, Ian Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian Warren, Andrew
Photinia	Paananen, Ian Robb, John
Plantago	Kemp, Stuart
Pistacia	Chislett, Susan Cottrell, Matthew Paananen, Ian

Pisum	Downes, Ross
Pomegranate	Paananen, Ian
Potatoes	Delaporte, Kate Fennell, John Hill, Jim Lochert, Liteisha McKay, Stewart O'Connell Peter Paananen, Ian Philp, Peter
Proteaceae	Paananen, Ian Robb, John
Prunus	Buchanan, Peter Cottrell, Matthew Cramond, Gregory Fleming, Graham Mackay, Alastair Paananen, Ian Topp, Bruce Witherspoon, Jennifer Krys Lockhart
Pulse Crops	Christie, Michael Collins, David Downes, Ross Oates, John Paananen, Ian Sadeque, Abdus
Raspberry	Fleming, Graham Herrington, Mark Paananen, Ian Zorin, Margaret
Rhododendron	Paananen, Ian
Rice	Ovenden, Ben Ovenden, Katrina
Rose	Delaporte, Kate Fleming, Graham Paananen, Ian Prescott, Chris Syrus, A Kim
Sandersonia	Warren, Andrew
Scaevola	Paananen, Ian
Sesame	Harrison, Peter

Soybean	Christie, Michael Harrison, Peter James, Andrew Paananen, Ian
Solanum	Blackwell, Ean
Spathiphylum	Paananen, Ian
Stone Fruit	Chislett, Susan Cottrell, Matthew Cramond, Gregory Fleming, Graham MacGregor, Alison Mackay, Alistair Paananen, Ian Swinburn, Garth
Strawberry	Herrington, Mark Neal, Jodi Paananen, Ian Kadkol, Gururaj Mitchell, Leslie Oates, John Zorin, Margaret
Sugarcane	Christie, Michael Cox, Mike Paananen, Ian Piperidis, George
Tomato	Christie, Michael Herrington, Mark O'Connell Peter Paananen, Ian
Tree Crops	Paananen, Ian
Triticale	Downes, Ross Collins, David Cooper, Kath Stuart, Peter
Tropical/Sub-Tropical Crops	Harrison, Peter Parr, Wayne Whiley, Tony
Umbrella Tree	Paananen, Ian

Vegetables	Christie, Michael Delaporte, Kate Fennell, John Harrison, Peter Gillespie, David MacGregor, Alison Mitchell, Leslie Morley, Ken Oates, John Paananen, Ian
Verbena	Paananen, Ian
Walnut	Cottrell, Matthew Mitchell, Leslie Paananen, Ian
Waxflower	Seaton, Kevin
Wheat	Christie, Michael Collins, David Downes, Ross Kadkol, Chandrika Kadkol, Gururaj Paananen, Ian Roche, Matthew
Zantedeschia	Paananen, Ian Warren, Andrew

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile tim.angus@ymail.com	Australia and New Zealand
Bluett, Christopher	(03) 5341 2103 0409 336 113 mobile	SE Australia
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Chislett, Susan	03 5038 8238 03 5038 8213 fax 0417 344 745 mobile	Murray Valley Region, Southern Australia
Christie, Michael	02 9777 1148 0434 455 444	Australia
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheat belt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666 07 4630 1063 fax	QLD and NSW
Edwards, Arthur	08 8586 1232 08 8595 1394 fax 0409 609 300 mobile	SE Australia
Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Farquhar, Wayne	08 8525 2245 ph/fax 0407 976 157 mobile	South Australia, Victoria and NSW
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Gillespie, David	07 4155 6344 07 4155 6656 fax	Wide Bay Burnett District, QLD
Griffin, Dale	0418 139 788 mobile	Victoria (all), NSW(Southern region), SA (Eastern region)
Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia

Harrison, Dion	07 5460 1313 07 5460 1283 fax	South east QLD and northern NSW
Harrison, Peter	08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
Hashim-Maguire, Jennifer	0499 499 089 mobile	VIC, SA,WA,NSW,QLD
Herrington, Mark	07 5441 2211 07 5441 2235 fax	Southern Queensland
Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Howie, Jake	0883039407 0427602215 mobile	South Australia
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
Kadkol, Chandrika	0488 617 786	Victoria
Kadkol, Gururaj	02 6763 1232 0419 685 943 mobile	NSW
Kemp, Stuart	03 5341 5821 0437278873 mobile	SE Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Lin, Joy	64 6351 8214	New Zealand
Loch, Don	07 38245440 07 38245445 fax lochd@bigpond.com	Queensland
Lochert, Liteisha	0439 888 248 mobile	South Australia
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Madsen, Dean	02 6025 4817 0429 023 766 mobile	Southern NSW, Victoria and Tasmania
McClintlock, Rachael	03 5021 5406 0427 000 565 mobile	Southern Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
McKay, Stewart	03 6428 2519 0438 247 978	North West Tasmania
Mitchell, Hamish	03 9737 9568 03 9737 9899 fax	Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria

Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morley, Ken	08 8541 2802 08 8541 3108 fax 0429 081 318	South Australia
Oates, John	02 6495 0712 0427 277 951 mobile	Eastern Australia
O'Connell, Peter	02 9403 0787 02 9402 6664 fax 0488 233 704 mobile	VIC, NSW, QLD
Ovenden, Ben	02 6951 2679 0409 581 791 mobile	Australia
Paananen, Ian	0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Philp, Peter	08 8260 4960 0419 654 245	Australia
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Prescott, Chris	0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Quinn, Patrick	03 5427 0485	SE Australia
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Roche, Matthew	0412 197 218 mobile	Queensland
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Roe, Denis	0401 546 107 mobile	Australia
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Sadeque, Abdus	02 6799 2233 0432 554 645 mobile	Eastern Australia
Seaton, Kevin	0427984322	South West Western Australia
Sewell, James	03 5334 7871 0403 546 811 mobile	Southern Australia
Scalzo, Jessica	+64 6975 8908 2122 689 08 mobile	New Zealand and Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Smith, Kenneth	02 4570 9069	Australia
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Stuart, Peter	07 4635 7895 0428 717 212 mobile	S.E. Queensland
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Warner, Philip	07 5499 9249 ph/fax 0412 162 003 mobile	Australia

Warren, Andrew	+6475 4305 88 +64 75 4307 60 fax +6421 506 000 mobile	New Zealand
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Whiley, Tony	07 5441 5441	QLD
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

Last updated on: 03/04/2018

Appendix 3 Index of Accredited Non-Consultant Qualified Persons

Name
Archbald, Rachel
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
Berryman, Pamela
Birchall, Craig
Boorman, Des
Box, Amanda
Brindley, Tony
Brown, Emma
Bunker, John
Bunker, Kerry
Brunt, Charlotte
Campbell, David
Cameron, Nick
Carena, Marcelo
Cecil, Andrew
Chesher, Wayne
Chris, Newell
Clayton-Greene, Kevin
Clingeleffer, Peter
Cogan, Noel
Connolly, Karen
Coventry, Stewart
Culvenor, Richard
Cowling, Wallace
Davey, Timothy
De Barro, James
de Koning, Carolyn
Dilag, Calixto
Dorney, Nicholas
Downe, Graeme
Eglinton, Jason
Eyles, Gary
Fitzgibbon, John
Flattery-O'Brien, Jacinta
Fleming, Rebecca
Gaudion Jenny
Gillies, Leanne
Glover, Russell
Graetz, Darren
Gray, John
Gunther, Tom
Hayes, Richard
Hoppo, Suzanne
Humphries, Alan
Hussein, Shafiya
Jiranek, Vladimir
Jobling, Philip
Jupp, Noel
Kaehne, Ian
Katz, Mark
Kebblewhite, Tony
Lacey, Kevin
Leddin, Anthony
Lee, Jodie
Lewthwaite, Stephen
Lonergan, Paul
Lowe, Russell
Matic, Rade
Matthews, Michael
Mitchell, Steven
Moody, David
Moss, Ian
Myors, Philip
Newman, Allen
O'Leary, Finbarr
Oram, Ann
Pandey, Babu
Parkes, Heidi
Paull, Jeff
Pearce, Bob
Peck, David
Pegg, Amelia
Pike, David
Pike, Elise
Porter, Gavin
Pressler, Craig
Rankin, Grant
Rattey, Allan
Rayner, Kenneth
Real, Daniel
Russell, Dougal
Sanewski, Garth
Schreuders, Harry
Senior, Michael
Shoaib, Mirza
Shapter, Timothy
Smith, Leigh
Smith, Malcolm
Smith, Chris
Snelling, Cath
Snowball, Ricahrd
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Tabah, David

Thomas, Adam
Todd, Peter
Verlaat, Sandra
Walker, Carol
Watson, David
Wei, Xianming
Whiting, Matthew
Williams, Joanne
Williams, Michelle
Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Wright, Graeme

Last updated on: 29/03/2018

APPENDIX 4

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111
Fax: (41-22) 733 0336
Web site: http://www.upov.int

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 5

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 now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of $920. This is a saving of more than 40% over the normal fee of $1610.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

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 AUSTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

Conditions and Selection Criteria

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

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

Experienced staff
Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

trial the relevant UPOV protocols, technical guideline or national descriptor for the genus should be followed. Where necessary the establishment and conduct of the trial can be discussed with the PBR office.

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

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

Contract testing for 3rd Parties
Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties
A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time
Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

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

Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Next review date
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD	*Saccharum*	Field, glasshouse, tissue culture, pathology	G Piperidis	30/06/1997	1/08/2019
Agriculture Western Australia	Northam, WA	Wheat	Field, laboratory	D Collins	30/06/1997	1/08/2019
Protected Plant Promotions	Macquarie Fields , NSW	New Guinea Impatiens including *Impatiens hawkeri* and its hybrids	Glasshouse	I Paananen	30/09/1998	1/08/2019
Protected Plant Promotions	Macquarie Fields, NSW	Verbena	Glasshouse	I Paananen	31/12/1998	1/08/2019
Paradise Plants	Kulnura, NSW	*Camellia, Lavandula, Osmanthus, Ceratopetalum*	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/1998	1/08/2019
Prescott Roses	Berwick, VIC	*Rosa*	Field, controlled environment greenhouses	C Prescott	31/12/1998	1/08/2019
Paradise Plants	Kulnura, NSW	*Limonium,*	Field, glasshouse,	J Robb	30/06/2000	1/08/2019

		Raphiolepis Eriostemon Lonicera, Jasminum	shadehouse, irrigation, tissue culture lab			
Turf Australia†	Cleveland, QLD	*Cynodon, Zoysia* and other selected warm season- season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/09/2000	1/08/2019
Bywong Nursery	Bungendore NSW	*Leptospermum*	Field, shadehouse, greenhouse	P Ollerenshaw	31/03/2001	1/08/2019
Buchanan's Nursery	Hodgsonvale, QLD	*Prunus*	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/2004	1/08/2019
Ramm Botanicals	Kangy Angy, NSW	*Anigozanthos*	Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas.	Megan Bartley	10/02/2012	1/08/2019
Solan Pty Ltd	Waikerie SA	*Solanum tuberosum*	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/01/2013	1/08/2019
GeneGro Pty and V & CM Zorin	Birkdale, QLD	*Desmanthus*	Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse.	D Loch, M Zorin	22/07/2014	1/08/2019
Tahune Fields Nursery	Huon Valley Southern Tasmania	Pome Fruit	Comprehensive equipment and facilities for large scale propagation, growing, conditioning, storage, marketing and transport	G Brown	12/03/2015	1/08/2019
Agronico Technology Pty Ltd	Leith, TAS	*Solanum tuberosum*	Access to tissue culture storage and minituber production facilities (VICSPA accredited), for storing and multiplying varieties in preparation for testing.	Stewart McKay, James Hills	7/4/2016	1/08/2019
G Crumpton & Sons & Co Pty Ltd	Crawford, QLD	*Duboisia*	Comprehensive growing facilities	D Loch I Haak	13/12/2016	13/12/2019

GeneGro Pty Ltd	Birkdale, QLD	*Lablab purpureus* *Zoysia* spp.	Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse.	D Loch M Zorin	13/12/2016	13/12/2019
Driscolls Australia Pty Ltd	Palmwoods, QLD	*Fragaria spp., Vaccinium spp., Rubus spp.*	Irrigated field trial areas, laboratory facilities, glasshouse	M Zorin	13/12/2016	13/12/2019
Aussie Winners Pty Ltd	Redland Bay, QLD	*Fuchsia*	Comprehensive growing facilities	I Paananen	28/02/2017	28/02/2020
GrapeCo Pty Ltd	South Merbein, VIC	*Vitis vinifera* (Table Grape only)	Drip irrigation. Cool rooms are being installed.	A MacGregor	28/02/2017	28/02/2020
Schreurs Australia Pty Ltd	Leppington, NSW	Rosa	Comprehensive growing facilities	I Paananen	26/4/2017	26/4/2020

The following applications are pending:

Name	**Location**	**Genera applied for**	**Facilities**	**Name of QP**
Chrysco Flowers	Skye, VIC	*Chrysanthemum*	Controlled environment glasshouse	C. Prescott
Haar's Nursery	Somerville, VIC	*Erysimum, Impatiens** Nemesia*	Propagation greenhouses; indoor and outdoor growing areas	M. Lunghusen
Highsun Express**	Ormiston and Toowoomba	*Pelargonium, Verbena and Petunia*	Climate controlled greenhouses, shade houses, outdoor growing areas, germination chambers, cool rooms, an approved quarantine facility	D Singh M Zorin

Yates Botanical Pty Ltd**	Somersby and Tuggerah, NSW	*Rosa*	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen

** = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

† = Following the 2012 restructuring within the Queensland Government, the CTC for *Cynodon*, *Zoysia* and other selected warm season-season turf and amenity species at Cleveland, Queensland previously conducted by Department of Primary Industries, Redlands Research Station, will now be run at the same location by Turf Australia.

Comments (for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

Chief of PBR
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606

Closing date for comment: 3 months from the date of this publication

APPENDIX 6 List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex: Part II.

LIST OF CLASSES

Part I

Classes within a genus

	Botanical names	UPOV codes
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

	Botanical names	UPOV codes
Class 201	Secale, Triticale, Triticum	SECAL; TRITL; TRITI
Class 202	Panicum, Setaria	PANIC; SETAR
Class 203*	Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa	AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA
Class 204*	Lotus, Medicago, Ornithopus, Onobrychis, Trifolium	LOTUS; MEDIC; ORNTP; ONOBR; TRFOL
Class 205	Cichorium, Lactuca	CICHO; LACTU
Class 206	Petunia and Calibrachoa	PETUN; CALIB
Class 207	Chrysanthemum and Ajania	CHRYS; AJANI
Class 208	(Statice) Goniolimon, Limonium, Psylliostachys	GONIO; LIMON; PSYLL_
Class 209	(Waxflower) Chamelaucium, Verticordia	CHMLC; VERTI; VECHM
Class 210	Jamesbrittania and Sutera	JAMES; SUTER
Class 211	Edible Mushrooms	
	Agaricus bisporus	AGARI_BIS
	Agaricus blazei	AGARI_BLA
	Agrocybe cylindracea	AGROC_CYL
	Auricularia auricura	AURIC_AUR
	Auricularia polytricha (Mont.) Sscc.	AURIC_POL
	Dictyophora indusiata (Ventenat:Persoon) Fischer	DICTP_IND
	Flammulina velutipes	FLAMM_VEL
	Ganoderma lucidum (Leyss:Fries) Karsten	GANOD_LUC
	Grifola frondosa	GRIFO_FRO
	Hericium erinaceum	HERIC_ERI
	Hypsizigus marmoreus	HYPSI_MAR
	Hypsizigus ulmarius	HYPSI_ULM
	Lentinula edodes	LENTI_ELO
	Lepista nuda (Bulliard:Fries) Cooke	LEPIS_NUD
	Lepista sordida (Schumacher:Fries) Singer	LEPIS_SOR
	Lyophyllum decastes	LYOPH_DEC
	Lyophyllum shimeji (Kawamura) Hongo	LYOPH_SHI
	Meripilus giganteus (Persoon:Fries) Karten	MERIP_GIG
	Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus	MYCOL_AIT
	Naematoloma sublateritium	NAEMA_SUB
	Panellus serotinus	PANEL_SER
	Pholiota adiposa	PHLIO_ADI
	Pholiota nameko	PHLIO_NAM
	Pleurotus cornucopiae var.citrinooileatus	PLEUR_COR
	Pleurotus cystidiosus	PLEUR_CYS
	Pleurotus cystidiosus subsp. Abalonus	PLEUR_CYS_ABA
	Pleurotus eryngii	PLEUR_ERY
	Pleurotus ostreatus	PLEUR_OST
	Pleurotus pulmonarius	PLEUR_PUL
	Polyporus tuberaster (Jacquin ex Persoon) Fries	POLYO_TUB
	Sparassis crispa (Wulfen) Fries	SPARA_CRI
	Tricholoma giganteum Massee	MACRO_GIG

* Classes 203 and 204 are not solely established on the basis of closely related species.

APPENDIX 7

REGISTER OF PLANT VARIETIES

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia
ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at http://pericles.ipaustralia.gov.au/pbr_db/

Plant Varieties Journal Mailing List

The Plant Varieties Journal mailing list informs subscribers whenever the new journal is posted on the IP Australia web site.

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