



# Plant Varieties Journal

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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. 32 Issue 1) are listed below:

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## 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.

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### **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.

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### **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](mailto:prisma@upov.int) or alternatively, specifically for Australian PBR applications, contact [pbr@ipaaustralia.gov.au](mailto:pbr@ipaaustralia.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.

## IP Amendment Act 2018

The *Intellectual Property Laws Amendment (Productivity Commission Response Part 1 and Other Measures) Act 2018* (IP Amendment Act) moved a number of filing and fee paying requirements in the Plant Breeder's Rights Act to non-legislative instruments, the contents of which are determined by the Registrar. These instruments will commence on 24 February 2019, at the same time as the corresponding parts of the IP Amendment Act (Parts 3 and 14 of Schedule 2). Moving these requirements to instruments provides flexibility to adopt more efficient processes as they become available.

IP Australia has published these instruments in the Plant Varieties Journal in preparation for commencement. They set out the requirements in relation to:

- the means of paying fees and means and form of lodging and giving documents to the Registrar, in accordance with Part 3 of Schedule 2; and
- the approved forms for PBR, in accordance with Part 14 of Schedule 2.



## Plant Breeder's Rights (Approved Means of Paying a Fee) Determination 2018

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I, Frances Roden, Registrar of Plant Breeder's Rights, make the following determination.

Dated *11* *11* — 2018

A handwritten signature in cursive script that reads 'Frances Roden'.

Frances Roden  
Registrar of Plant Breeder's Rights

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## 1 Name

This determination is the *Plant Breeder's Rights (Approved Means of Paying a Fee) Determination 2018*.

## 2 Commencement

This determination commences on 24 February 2019.

## 3 Authority

This determination is made under subsection 80A(1) of the *Plant Breeder's Rights Act 1994*.

## 4 Definitions

In this determination:

*Act* means the *Plant Breeder's Rights Act 1994*.

*Application Programming Interface (API) system* means any transactional interface, application, mobile application, website or the like that utilises an application programming interface provided by IP Australia.

*Alternative Lodgement Service (ALS)* means the backup function accessible from IP Australia's website that can be invoked during outages of the digital lodgement systems.

*Digital lodgement systems* means any website, mobile application or other similar system provided by IP Australia to lodge transactions.

Note: As at the date of the instrument, the only digital lodgement system is the website known as eServices.

*Emergency Facsimile Service (EFS)* means the facsimile service that is provided by IP Australia when digital lodgement systems and ALS are unavailable due to planned or unplanned outage.

*IP Lodgement Counter* means the facility provided by IP Australia for the processing of transactions in person.

Note: The only IP Lodgement Counter is at the Canberra Office of IP Australia, 47 Bowles Street, Phillip, ACT.

*Regulations* means the *Plant Breeder's Rights Regulations 1994*.

## 5 Approved means of paying a fee

For the purposes of subsection 80A(1) of the Act, the means for paying a fee are by:

- (a) Credit Card; or
- (b) Cash, cheque or money order; or

- 
- (c) Electronic Funds Transfer at Point of Sale (EFTPOS); or
  - (d) Electronic Funds Transfer (EFT); or
  - (e) Direct Debit, as provided in the following notes.

Note 1: Credit Card payment is only available for requests filed via digital lodgement systems, ALS, by post or by EFS. A minimum limit of \$10 applies. A declined credit card does not constitute payment. Visa and MasterCard are the only cards accepted.

Note 2: EFTPOS is only available at the IP Lodgement Counter. A minimum limit of \$10 applies to such payments.

Note 3: EFT requires use of the EFT form available on the IP Australia website ([www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)). The form can also be obtained by contacting IP Australia.

Note 4: Payment for API system transactions can be made by credit card or direct debit, depending on the transaction and the system utilised:

## 6 Preferred means for paying a fee

For the purposes of subsection 80A(4) of the Act, the preferred means for paying a fee are by:

- (a) Credit Card.



## **Plant Breeder's Rights (Means of Lodging or Giving Documents) Determination 2018**

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I, Frances Roden, Registrar of Plant Breeder's Rights, make the following determination.

Dated *24 November 2018*

*Frances Roden*

Frances Roden  
Registrar of Plant Breeder's Rights

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## 1 Name

This determination is the *Plant Breeder 's Rights (Means of Lodging or Giving Documents) Determination 2018*.

## 2 Commencement

This determination commences on 24 February 2019.

## 3 Authority

This determination is made under section 728 and subsection 72C(1) of the *Plant Breeder 's Rights Act 1994*.

## 4 Definitions

In this determination:

*Act* means the *Plant Breeder 's Rights Act 1994*.

*Application Programming Interface (API) system* means any transactional interface, application, mobile application, website or the like that utilises an application programming interface provided by IP Australia.

*Alternative Lodgement Service (ALS)* means the backup function accessible from IP Australia's website that can be invoked during outages of the digital lodgement systems.

*Digital lodgement systems* means any website, mobile application or other similar system provided by IP Australia to lodge transactions.

Note: As at the date of the instrument, the only Digital lodgement system is the website known as eServices.

*Emergency Facsimile Service (EFS)* means the facsimile service that is provided by IP Australia when digital lodgement systems and ALS are unavailable due to planned or unplanned outage.

*IP Lodgement Counter* means a facility provided by IP Australia for the processing of transactions in person.

Note: The only IP Lodgement Counter is at 47 Bowes Street, Phillip, ACT.

*PRISMA* means the electronic PBR application tool maintained by the International Union for the Protection of New Varieties of Plants (UPOV).

*Regulations* means the *Plant Breeder's Rights Regulations 1994*.

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## 5 Approved means of lodging or giving documents

- (1) ) For the purposes of subsection 72C(2) of the Act, the electronic means for lodging a document with, or giving a document to, the Registrar are by using:
- (a) Digital lodgement services; or
  - (b) ALS; or
  - (c) PRJSMA; or
  - (d) an API system; or
  - (e) EFS.

**Note:** EFS must not be used to lodge or give a document \When a person has access to the digital lodgement services or ALS, and that lodging means is available.

- (2) For the purpose of subsection 72C(2) of the Act, the other means for lodging a document with, or giving a document to, the Registrar are by:
- (a) Post;
  - (b) By providing in person to the IP Lodgement Counter.

Note: The postal address of the Registrar is PO Box 200, Woden, ACT, 2606.

## 6 Preferred means of lodging or giving documents

- (1) ) For the purposes of subsection 72C(4) of the Act, the preferred means for lodging a document with, or giving a document to, the Registrar are by using:
- (a) Digital lodgement services; or
  - (b) an API system; or
  - (c) PRISMA.
- (2) If the digital lodgement services is unavailable due to maintenance, the preferred means of lodging a document with, or giving a document to, the Registrar is by ALS.
- (3) If the digital lodgement services and ALS are unavailable due to a planned or unplanned outage, the preferred means of lodging or giving a document is by EFS.
- (4) Where subsection (3) applies, the person must complete and file a Declaration for use of Emergency Fax form.

**Note 1:** The Declaration for use of Emergency Fax form is available on IP Australia's website.

**Note 2:** Under the regulations, reduced fees may be payable for filing a document by preferred means.



## Plant Breeder's Rights (Approved Form) Approval 2018

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I, Frances Roden, Registrar of Plant Breeder's Rights, under subsection 3(!) and subsection 3(1B) of the *Plant Breeder's Rights Act 1994*, approve the following attached forms:

- (1) "Application for Plant Breeder's Rights (Part I)" for the purpose of an application made under section 26.
- (2) Applications submitted using the "International Union for the Protection of New Varieties of Plants (UPOV) PRISMA PBR Application Tool" (accessed via <http://www.upov.int/upovprisma/en/index.html>, as updated from time to time) are deemed to be in the approved form for the purposes of an application made under section 26.
- (3) "Nomination of a Qualified Person" for the purposes of an application made under section 26.
- (4) "Supplementary Pages to the Part I Application" for the purposes of an application made under section 26.
- (5) "Application for Plant Breeder's Rights (Part 2)" for the purposes of a detailed description under section 34.
- (6) "Certification by a Qualified Person (QP)" for the purposes of a detailed description under subsection 34(4).
- (7) "Application for a Declaration of Essential Derivation" for the purposes of an application made under section 40 or section 41.
- (8) "Application to Rectify the PBR Register" for the purposes of an application made under subsection 62A(2).

Dated 24 November 2018

*Frances Roden*

Frances Roden  
Registrar of Plant Breeder's Rights

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Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 26

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## Application for Plant Breeder's Rights

### GENERAL INFORMATION

### Privacy Notice

The personal information collected on this form is collected for the purposes of the Plant Breeder's Rights Act 1994 and the Plant Breeder's Rights Regulations 1994 ([www.ipaustralia.gov.au/about-us/publications/ip-legislation/](http://www.ipaustralia.gov.au/about-us/publications/ip-legislation/)) and is protected by the *Privacy Act 1988* ([www.com.au/gov.au/series/lc2004a03\\_712](http://www.com.au/gov.au/series/lc2004a03_712)).

All personal information you provide on this form will be handled in accordance with IP Australia's Privacy Policy ([www.ipaustralia.gov.au/about-us/corporate/privacy-policy/](http://www.ipaustralia.gov.au/about-us/corporate/privacy-policy/)).

The Privacy Policy contains relevant information, including:

- how you may seek access to and correction of the personal information we hold;
- how you may make a complaint about a breach of the Privacy Act and how we will deal with your complaint; and
- IP Australia's Privacy Contact Officer details.

Any personal information you provide will be used for the purposes of processing this form. IP Australia may also contact you, using the contact details you have provided, to request your feedback on our products and services.

In accordance with the PBR Act, IP Australia may make this completed form available to any person, upon request and payment of a fee.

IP Australia will publish the:

- Applicant name, phone and fax numbers;
- Agent name, phone and fax numbers;
- Town, State and Country of the applicant's address; and
- full address of the Genetic Resource Centre

in the Register of Plant Varieties, the Plant Varieties Journal and the Plant Breeder's Rights Database. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

You should also be aware that under the International Union for Protection of New Varieties of Plants (UPOV) ([www.upov.int/portal/index.html](http://www.upov.int/portal/index.html)) Convention, IP Australia is required to disclose information regarding plant breeder's rights applications (including the name of the applicant) to the UPOV in Geneva, Switzerland. Once information is provided to UPOV, IP Australia has no control over its subsequent use and disclosure.

If you do not provide the personal information required on the form, IP Australia may not be able to process this form.

IP Australia will not otherwise use or disclose your personal information without your consent, unless authorised or required by or under law.

#### Consent

By completing this form, in addition you provide your consent to your personal information being handled in accordance with this privacy notice, including being disclosed as provided above.

When you provide your consent to your personal information being disclosed to overseas recipients, including publication online, you understand that IP Australia will not be accountable for any subsequent use under the Privacy Act, nor are you able to seek redress under that Act, for the actions of any overseas recipient.



Plant Breeder's Rights Act 1994 - Section 26

PART  
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# Application for Plant Breeder's Rights

## GENERAL INFORMATION

Information provided by you on this form may be used in facilitating the operation of the Plant Breeder's Rights Program.

Note: There are two parts of the PBR application.

Part 1 - GENERAL INFORMATION: Successful completion of this form is a prerequisite to acceptance into the PBR scheme and qualification of the variety for provisional protection. The authorisation and declaration must be completed.

Part 2 - DESCRIPTION OF NEW VARIETY: After acceptance of the Part 1 the results of the comparative trial are presented - the evidence of distinctness, uniformity and stability (DUS).

Office Use Only	
Application No.	<input type="text"/>
Date:	<input type="text"/>

Is this form intended to be attached as part of an eServices / 828 electronic lodgement?  No  Yes

### Section 1 • Information about the applicant, agent and breeder

1. Name and contact details of the applicant - The name and address of each applicant is required

*For joint applicants use Supplementary Pages to Part 1 Application form (PBR00003) for each additional applicant.*

One applicant only  More than one applicant  Supplementary Pages attached: No  Yes

Name of Applicant	<input type="text"/>		
Address (can be a PO Box)	<input type="text"/>		
	State	Postcode	
Country (f not Australia)	<input type="text"/>		
Contact Name	<input type="text"/>		
Contact Details	<input type="text"/>		
Telephone	<input type="text"/>	Fax	<input type="text"/>
Mobjle Number	<input type="text"/>		
Email address	<input type="text"/>		
ACN/ARBN (if applicable)	<input type="text"/>		

2 Contact details in Australia or New Zealand - If the applicant is not resident in Australia or New Zealand, the applicant must: either appoint an agent resident in Australia or New Zealand to act on the applicant's behalf in the application; or specify an address in Australia or New Zealand for the service of notices on the applicant.

If the applicant is resident in Australia or New Zealand, the applicant may appoint an agent resident in Australia or New Zealand to make the application on the applicant's behalf.

Not applicable, applicant is a resident in Australia or New Zealand and contact details are provided in question 1  Goto question 3

Postal address for service of notices on the applicant is different to address in question 1  Provide details on next page

Agent appointed to act on behalf of the applicant

Name of Agent (if applicable) Address (can be a PO Box)		
	State	Postcode
	Country (if not Australia)	
Contact Name		
Contact Details	Telephone	(    )
	Fax	(    )
	Mobile Number	
	Email address	
	ACN/ARBN (if applicable)	

**3 Name and address of the breeder** The breeder of the variety is the applicant, unless ownership has been transferred by assignment, by will or by operation of law. Where the breeder is an employee or member of an organisation and the variety was bred in the course of performing duties as an employee or member of that organisation, then consider the organisation as the breeder.

A statement in relation to each applicant as to whether or not they are the breeder of the variety is required. Where the applicant is not the breeder the particulars of the transfer of ownership must be provided.

*For joint applicants, use Supplementary Pages to Part 1 Application form (PBR/00/003) for each additional applicant.*

Name of original breeder(s) who conducted or directed the work

Employer	
Address	
	State                      Postcode
	Country (if not Australia)

Relationship of the breeder to the Applicant detailed in question 1

- Breeder is the applicant                      **D** Go to question 4
- Breeder is an employee or member of an organisation which is the applicant
- Breeder is not the applicant                      **O** How were the ownership rights transferred to the applicant?

By assignment                      **D**

By will

By operation of law/other                      **O**...Specify

\_\_\_\_\_

\_\_\_\_\_

Copy of the document attached?

No    **O** Why not?    \_\_\_\_\_

Yes    **O**    \_\_\_\_\_

\_\_\_\_\_

## Section 2 - General information about the variety

4. Botanical name of the variety

---

5. Common name of the species

Does the species have a common name?

No

Yes  Provide details

---

6. Proposed name for the variety - If an application for this variety has already been lodged overseas then you must propose the same name. Please note that before a name is accepted it must conform with section 27 of the PBR Act. When accepted, the variety name is protected under the PBR Act.

---

7. Synonym - A synonym is an alternative name for a variety. Please note that once accepted, the synonym is also protected. A synonym must also conform with section 27 of the PBR Act.

No

Yes  Provide details

---

8. Other names - Please list any other names under which the variety has been known in Australia or overseas.

Do other names exist?

No

Yes  Breeder's code

---

Trade name

---



---

Other name

---

9. Is the variety an Australian native species?

No

Yes  It is mandatory to submit a herbarium specimen to the Australian Cultivar Registration Authority (ACRA). Please indicate the time of flowering and/or ideal time for a specimen to be collected and sent to ACRA.

---

10. Has this species ever been declared a noxious weed in any Australian state or territory?

No

Yes  Provide details

---

11. Are you under any obligation to notify the supplier/owner of the original germ plasm about your intention to obtain PBR?

Not applicable  No obligation  Yes, notified

12. Are you required, under any agreement with your current employer/funding agency, to inform them of your intention to acquire rights to this variety?

Not applicable  No obligation  Yes, notified

13 Has an application for PBR in this variety been lodged in a country other than Australia?

No

Yes  Provide details

Country filed	Date of lodgement dd/mm/yyyy	Application No.	Current Status	Variety name

14 Is priority claimed in respect of the earliest overseas application lodged with a UPOV member state?

Note: A claim for priority can only be made if the Australian application is lodged within 12 months of lodgement of the earliest overseas application with a UPOV member state. If this is the first lodgement of an application for this variety (i.e. no overseas applications with a UPOV member state), please indicate 'Not applicable'.

Not applicable

No

Yes

15 Has the variety been sold in Australia with the breeder's consent?

No

Yes  - Date of first sale

dd/mm/yyw

Under what  
variety name

16 Has the variety been sold overseas with the breeder's consent?

No

Yes  Date of first sale

dd/mm/yyyy

Under what  
variety name

Which country

**Section 3 - Information about the origin and breeding procedure used to originate the variety**

17. Origin and parentage of the variety

(i) Origin of the variety - the variety arose from:

Controlled pollination

Spontaneous mutation or sport

Selection from "source" material (including, but not restricted to, selections: from within uncultivated populations, from landrace varieties or unnamed plants; or selected from heterogeneous material supplied by a Genetic Resource Centre (GRC)) - further information will be sought in question 17(iv).

Open pollination

Induced mutation or sport

Genetic manipulation

Other origin

Specify

(ii) Breeding system of the species

Not Known

Self pollination

Often self pollinated

Cross pollinated

Apomixis

Other

Specify

(iii) Information on parent material

Name of maternal parent or source germplasm/variety \_\_\_\_\_

Breeder \_\_\_\_\_

Is the maternal parent or source germplasm/variety protected by PBR in Australia?

No  Yes

Is the maternal parent or source germplasm/variety protected by PBR in another country?

No

Yes .- Provide particulars of registration \_\_\_\_\_

Country Filed \_\_\_\_\_

dd/mm/yyyy \_\_\_\_\_

Date of Lodgement \_\_\_\_\_ Application No. \_\_\_\_\_

Are there other parent(s)?

No

Yes  Name of other parent(s) \_\_\_\_\_

Breeder \_\_\_\_\_

Is the other parent(s) protected by PBR in Australia?

No  Yes

Is the other parent(s) protected by PBR in another country?

No

Yes .. Provide particulars of registration \_\_\_\_\_

Country Filed \_\_\_\_\_

dd/mm/yyyy \_\_\_\_\_

Date of Lodgement \_\_\_\_\_ Application No. \_\_\_\_\_

Were any of the parents sold in Australia under other names?

No  Yes . Provide details \_\_\_\_\_

(iv) Was 'Selection from 'source' material' indicated in question 17(i)?

No

Yes . Please complete the following where relevant

Relevant passport data is provided with this application

The source material is:  A cultivated/obsolete variety  Collected from the wild

A land variety (one which has been traditionally cultivated by farmers for their own use)

Special genetic stock (e.g. breeding lines)

The source material is:  Subject to a Material Transfer Agreement

Copy enclosed? No .- Provide reason \_\_\_\_\_

Yes  \_\_\_\_\_

Subject to FAQ trust or material transfer agreements

Still available for inclusion in a comparative trial

- 18 Prima fade case for bree'cHng and prima fade case for distinctness - List the characteristics or combination of characteristics which make your variety {the candidate} clearly distinguishable from its parents/ source material and the 'most similar varieties of common knowledge (VCK)' (the comparators). Characteristics must be capable of precise definition to establish a prima facie case. Please attach a photograph of the variety showing its distinguishing features.

**Example**

Name of comparator	Characteristic(s) in which the candidate variety differs from the comparator	Describe the expression of the characteristic for the comparator	Describe the expression of the characteristic for the candidate
<i>Variety X</i>	<i>Flower colour</i>	<i>Red</i>	<i>White</i>

- (i) Prima fade case for breeding

Comparison with maternal or source germplasm/variety

Name of maternal parent or source germplasm/variety	Characteristic(s) in which the candidate variety differs from the maternal parent or source germplasm/variety	Describe the expression of the characteristic for the maternal parent or source germplasm/variety	Describe the expression of the characteristic for the candidate

Comparison with other parent(s). If unsure, list putative pollen parents (attach additional sheets if necessary)

Name of other parent(s)	Characteristic(s) in which the candidate variety differs from the other parent(s)	Describe the expression of the characteristic for the other parent(s)	Describe the expression of the characteristic for the candidate

(ii) Prima fade case for distinctness

Is the candidate variety the first variety of the species/hybrid?

No  Provide details of distinctness

Yes  Go to question 19

Comparison with most similar variety of common knowledge (VCK)

Name of comparator - the most similar VCK	Characteristic(s) in which the candidate variety differs from the comparator	Describe the expression of the characteristic for the comparator	Describe the expression of the characteristic for the candidate

Comparison with other similar varieties of common knowledge (VCK)

Name of comparator - other similar VCK	Characteristic(s) in which the candidate variety differs from the comparator	Describe the expression of the characteristic for the comparator	Describe the expression of the characteristic for the candidate



**Section 4 - Information about the Genetic Resources Centre and DUS trial**

21 Nominate the name and location of the Genetic Resources Centre (GRC) where propagating material of the variety will be maintained - A Genetic Resource Centre is a place considered to be suitable for the storage and maintenance of germplasm material and may include a part of a nursery set aside for the purpose of maintaining stock plants.

\*Street Address:


\* Must be a street address in Australia or New Zealand

22 Details of the proposed DUS test - Usually applicants conduct comparative growing trials in Australia. However the PBR office has the discretion to accept overseas DUS test reports provided certain conditions are met (details available on the PBR website).

Some taxa must be trialled in Australia - It is the policy of the 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 DUS trial must be conducted in Australia: *Solanum tuberosum* (Potato).

The proposed DUS test will be:

- D** a comparative trial in Australia, including the candidate variety and the most similar varieties of common knowledge
- D** a verification trial in Australia, including the candidate variety only, grown to confirm the states of expression provided in an overseas DUS test report
- D** based solely on an overseas DUS test report

Details on trials grown in Australia

Location	No. of Plants	Date of Commencement dd/mm/yyyy	Growth stage at which the distinguishing characteristics can be observed

Details on overseas DUS test report

Testing Country

dd/mm/yyyy	dd/mm/yyyy
------------	------------

Test Date

Estimated date of Availability

--	--

Note: Normally, it is the responsibility of the applicant to procure the overseas DUS test report directly from the relevant testing authority and supply a certified copy of it to the PBR office. If the report is already available to you then include a certified copy with this application. Once supplied, the PBR office will review the data for acceptability. In some cases, where there is a specific agreement, the testing authority will only supply the DUS test report directly to the PBR Office. For more details on these situations consult the [ipaustralia.gov.au/pbr](http://ipaustralia.gov.au/pbr) website.

23 Nominate the date when you wish the examination to occur - The estimated examination date should be the time when the examiner can verify the distinguishing characteristics claimed in this application. It is mandatory to provide a date. If necessary, it can be changed later in consultation with the PBR office.

Estimated date for DUS examination

\_\_\_\_\_

\_\_\_\_\_

**Section 5 - Authorisation and Declaration**

*For joint applicants, use Supplementary Pages to Part 1 application Form (PBR/00/003) for each additional applicant*

24 Application for PBR, declaration that all information is true and correct.

I (we)

apply for Plant Breeder's Rights to the variety described in this application, and

- authorise the Plant Breeder's Rights Office, for the purposes of examination, to exchange with the Plant Breeder's Rights Authorities of other countries all necessary information and material related to the variety, provided that the rights of the Applicant are safeguarded, and

agree to the release of propagative material prior to the granting of PBR if required for comparative testing or scientific purposes, providing the material is used for no other purpose and all material relating to the variety is returned when the trials are complete, and

declare that the information given in all parts of and attachments to this application is true and correct.

Declaration of Agreement:

\_\_\_\_\_

\_\_\_\_\_  
 (Please print name)

I am the Applicant/agent or am a signatory thereof and declare that all parties involved have agreed to the terms and conditions outlined above.

Position in Company/  
 Department  
 (if applicable)


Name of Company/  
 Department  
 (if applicable)


\_\_\_\_\_  
 dd/mm/yyyy

Date

\_\_\_\_\_

\*The penalty under section 75(1) for intentionally or recklessly making a false statement in support of an application is six months imprisonment.

## Checklist of Attachments - Part 1 Application

Have you included the following?

- One completed original Part 1 Application form (PBR/00/001) for Plant Breeder's Rights
- A copy of the transfer of ownership documentation (e.g. assignment) from the breeder to the applicant, if the applicant is not the original breeder
- Completed Supplementary Pages to Part 1 Application form (PBR/00/003) (if applicable)
- A completed Authorisation of Agent form (PBR/00/004) if you are applying on behalf of the applicant
- A completed Nomination of a Qualified Person form (PBR/00/005)
- Photograph or photographs showing the distinguishing characteristics of the new variety
- Application fee if submitting by Post (see [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au) for payment methods and the current fee schedule).  
Note: the fee when submitting by eServices is less than when submitting by Post.
- Have ALL relevant questions been answered?

If you are submitting this form as an attachment for an eServices lodgement, save this PDF form to your desktop, then attach using IP Australia's eServices



Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 26

8888

## Nomination of a Qualified Person

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- how you may make a complaint about a breach of the Privacy Act and how we will deal with your complaint; and
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IP Australia will publish the:

- Applicant name;
- Agent name;
- Qualified Person name and contact details; and
- Town, State and Country of the applicant's address

in the Register of Plant Varieties, the Plant Varieties Journal, the Plant Breeder's Rights Database and/or on our website. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information {including personal information} held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

If you do not provide the personal information required on the form, IP Australia may not be able to process this form.

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When you provide your consent to your personal information being disclosed to overseas recipients, including publication online, you understand that IP Australia will not be accountable for any subsequent use under the Privacy Act, nor are you able to seek redress under that Act, for the actions of any overseas recipient.



Plant Breeder's Rights Act 1994 - Section 26

**8808**

## Nomination of a Qualified Person

This form is to be completed by the applicant or their agent at the time of the initial application and submitted with the Part 1 of the application for PBR.

If accredited as a Qualified Person (QP) for the species, the applicant or agent can nominate themselves.

However, if the applicant or agent is not accredited by the PBR Office as a QP there are two options available:

- the applicant or agent can complete this form and simultaneously apply for accreditation, or
- the applicant or agent can select and nominate an accredited consultant qualified person from the list in appendix 3 of Australian *Plant Varieties Journal*. If this option is selected you should contact the selected qualified person as soon as possible and use this form as a guide to come to an understanding with them on what role they will play in the application process.

Name of variety \_\_\_\_\_

Name of nominated Qualified Person (QP) \_\_\_\_\_

I intend the nominated QP to perform the following functions:

- review the application documents related to the above variety first filed in another UPOV member country and make recommendations to the PBR Office on their suitability for examination without a DUS test growing in Australia, and/or Yes  No
- perform those functions ticked in the box below if the PBR Office requires a comparative DUS test growing in Australia as part of the application process. Yes  No

In addition to those already listed, tick only those functions that the QP has agreed to perform in relation to this application

Completion of Part 1 of the application form.	<input type="checkbox"/>	Certification of the Part 2 application form.	<input type="checkbox"/>
Determine the most similar varieties of common knowledge and the need to include source or parental material in trial.	<input type="checkbox"/>	Provide observations, data and statistical analysis of the DUS trial for the applicant to complete Part 2 of the application form.	<input type="checkbox"/>
Planning the test growing trial.....	<input type="checkbox"/>	Completion of Part 2 of the PBR application.	<input type="checkbox"/>
Recommending the most appropriate trial site for the varieties in trial.	<input type="checkbox"/>	Verification of the field trial, observations, data and statistical analysis.	<input type="checkbox"/>
Choice of trial site.....	<input type="checkbox"/>	Perform the necessary statistical analysis of the measurements to determine DUS.	<input type="checkbox"/>
Supervision of the layout and planting of the trial	<input type="checkbox"/>	Provide a detailed description of variety in the PBR approved format.	<input type="checkbox"/>
Care and maintenance of the trial.....	<input type="checkbox"/>	Provide a comparative slide or a colour print of the variety showing distinctness characters.	<input type="checkbox"/>
Instruction to applicant on the timing and nature of observations/measurements needed.	<input type="checkbox"/>	Make observations/take measurements to comply with approved DUS test guidelines.	<input type="checkbox"/>

**Declaration:**

By ticking this box I declare myself to be the person identified \*below and the information to be true and correct.

\_\_\_\_\_ am an authorised signatory for the  applicant  agent Date: \_\_\_\_\_

(DD/MM/YYYY)

THE PENALTY UNDER SECTION 75(1) FOR MAKING A FALSE STATEMENT IN SUPPORT OF AN APPLICATION IS SIX MONTHS IMPRISONMENT.

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Plant Breeder's Rights Act 1994 - Section 26

# Supplementary Pages to the Part 1 0808 Application

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IP Australia will publish the:

- Applicant name;
- Agent name;
- Qualified Person name; and
- Town, State and Country of the applicant's address

in the Register of Plant Varieties, the Plant Varieties Journal and the Plant Breeder's Rights Database. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

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### Consent

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Plant Breeder's Rights Act 1994 - Section 26

# Supplementary Pages to the Part 1 Application

0888

Supplementary pages to the Part 1 Application - Questions 1, 3 and 24.

1. Name and contact details of the applicant - The name and address of each applicant is required

Total number of applicants: \_\_\_\_\_ {Note: Please use a separate form for each applicant}

Name of applicant:

Address  
(can be a PO Box)

State

Postcode

Country (if not Australia)

Contact Name:

Contact Details

Telephone

Fax

Mobile Number:

Email address:

ACN/ARBN (if applicable)

3. Name and address of the breeder

Name of original breeder(s) who conducted or directed the work:


Employer:  
(if applicable)

Address  
(can be a PO Box)

State

Postcode

Country (if not Australia)

By completing this form you consent to your personal information being handled in accordance with the Privacy Notice on page 1 of this form and the IP Australia Privacy Policy.

Relationship of the breeder to the Applicant detailed in question 1

Breeder is the applicant

Go to question 24

Breeder is an employee or member of an organisation which is the applicant

Breeder is not the applicant

**D** How were the ownership rights transferred to the applicant?

By assignment **D**

By will **D**

By operation of law/other **O** Specify


Copy of the document attached?

Yes **D**

No **D** Why Not?


24. Application for PBR, declaration that all information is true and correct.

I/We the

**D** Applicant as outlined in question 1

**D** Agent as outlined in question 2 of the PBROOOOI

- apply for Plant Breeder's Rights to the variety described in this application, and
- authorise the Plant Breeder's Rights Office, for the purposes of examination, to exchange with the Plant Breeder's Rights Authorities of other countries all necessary information and material related to the variety, provided that the rights of the Applicant are safeguarded, and
- agree to the release of propagative material prior to the granting of PBR if required for comparative testing or scientific purposes, providing the material is used for no other purpose and all material relating to the variety is returned when the trials are complete, and
- declare that the information given in all parts of and attachments to this application is true and correct.

Name (please print) \_\_\_\_\_

Position in Company/  
Department  
{if applicable} \_\_\_\_\_

Name of Company/  
Department  
{if applicable} \_\_\_\_\_

Date \_\_\_\_\_

(DD/MM/YYYY)

\*The penalty under section 75(1) for intentionally or recklessly making a false statement in support of an application is six months imprisonment



Plant Breeder's Rights Act 1994 - Section 34

PART

2

8888

## Application for Plant Breeder's Rights

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IP Australia will publish the:

- Applicant name;
- Agent name;
- Qualified Person name; and
- Town, State and Country of the applicant's address

in the Register of Plant Varieties, the Plant Varieties Journal and the Plant Breeder's Rights Database. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

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#### Consent

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Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 34

PART

2

0888

## Application for Plant Breeder's Rights

### DESCRIPTION OF NEW VARIETY (the candidate variety)

The purpose of Part 2 is to present the results from the growing trial and/or information arising from a certified overseas test report - and in particular to present evidence of Distinctness, Uniformity and Stability.

The evidence of Distinctness will be published on the web in *Plant Varieties Journal* and must be submitted through the online Interactive Variety Description System (IVDS).

The evidence of Uniformity and Stability is generally not for publication and can be presented in the format outlined on the following pages. Where necessary attach additional pages. Uniformity and Stability information can be provided on disk or hard copy. Please read this form before entering information.

Part 2 must be accompanied by completed forms PBR/00/006 - Certification by a Qualified Person and PBR/00/009 - Confirmation of submission of propagating material to a genetic resource centre (GRC).

1. Application number

---

2 Name and synonym of the candidate variety as accepted by the PBR Office Australia

r -

ame

non m

---

3. Botanical name

---

4 The candidate variety will be maintained by (Tick)

Seed

Vegetative propagation

If it is also a grafted/budded variety, please provide the name of the rootstock to which the candidate is grafted/budded

---

5. Stress Status of candidate variety (Tick)

(Tick 'n/a' only for varieties subject to post entry quarantine)

Pathogen/pest free

Not free

n/a

Virus indexed

Not indexed

n/a

Stress free

Not free

n/a

Stress Status of comparator varieties (Tick)

Pathogen/pest free

Not free

Virus indexed

Not indexed

Stress free

Not free

Important: If disease, pest or stress observed, provide a full explanation of the factors and effects on a separate page.

### DECLARATION BY ACCREDITED QUALIFIED PERSON

The information in and attached to this form was obtained from: a) a scientifically conducted trial, collated and analysed under my supervision, and faithfully represents the expressions of the characteristics of these varieties; and/or b) a certified overseas test report obtained from a International Union for the Protection of New Varieties of Plants (UPOV) member state with any additional data presented being used to supplement and verify the overseas test report.

A list of my functions as agreed with the applicant/agent is set out in the attached form PBR/00/006. In addition, I certify that this variety is distinct from the most similar varieties of common knowledge and meets the criteria of uniformity and stability appropriate for propagation of the variety.

By ticking this box I declare myself to be the person identified in this form and the information supplied to be true and correct.\*

Name (please print)

Date

{DD/MM/YYYY}

\*THE PENALTY UNDER SECTION 75(1) FOR MAKING A FALSE STATEMENT IN SUPPORT OF AN APPLICATION IS SIX MONTHS IMPRISONMENT.

## Distinctness

Evidence for distinctness is included in the detailed description of the variety and is usually based on a comparative trial grown in Australia. In some cases and subject to conditions<sup>1</sup>, the detailed description can be drawn from an official overseas test report, obtained from a UPOV member state.

- While preparing a description based on an overseas test report the distinctive characteristics of the variety must be confirmed under Australian conditions and appropriate Australian comparators should be considered and included in the description. Details of how the confirmation was conducted should be included in the 'Conditions' section of the detailed description.

The Qualified Person uses information from the comparative trial (or from the overseas test report) to prepare a Detailed Description of the variety. This detailed description must be submitted through the Interactive Variety Description System (IVDS). The IVDS is a secure system which needs individual username and password for access. All PBR accredited Qualified Persons are provided with their individual username and password. Please contact the PBR office if you do not have a username and password. IVDS can be accessed from PBR website at [www.ipaustralia.gov.au/pbr/](http://www.ipaustralia.gov.au/pbr/).

The IVDS allows Qualified Persons to complete and submit detailed descriptions online by accessing relevant test guidelines and selecting specific characteristics with their various states of expressions from the options provided. The IVDS incorporates all of the approved UPOV test guidelines (and some additional national equivalents where a UPOV test guideline is not available) in interactive forms with easy to use drop-down menus. Qualified Persons can "build" their own additional/special characteristics if suitable options are not available in the guideline. The IVDS also accepts statistical information.

The IVDS emphasises the use of "grouping characteristics" in selecting comparator varieties. It allows Qualified Persons to lodge the completed variety descriptions with minimum typing.

To claim distinctness, the Qualified Person must nominate one or more characteristics which distinguishes the candidate from the comparator varieties). Inbuilt check boxes are provided for this purpose.

There are step by step on-screen instructions with examples in each step of MDS, which will assist the Qualified Person to complete the process smoothly. In addition, PBR Office (PBRO) is ready to help Qualified Persons, if they encounter any problems. Please send an email to [pbr@ipaustralia.gov.au](mailto:pbr@ipaustralia.gov.au) if there is a problem in completing the description using IVDS.

## Requirement to supply a photograph

A photograph must be provided for publication purposes. A good quality digital image depicting one or more distinguishing features of the candidate variety along with the comparators is preferred. The digital image should be well-labelled to avoid any confusion with the variety names. Please upload your digital photograph in the attachments section within eServices ([www.ipaustralia.gov.au/get-the-right-ip/eservices](http://www.ipaustralia.gov.au/get-the-right-ip/eservices)).

In absence of a digital photograph you can also supply a good quality colour transparency or a colour print. In special cases, composite photographs can be produced by the PBR office.

Briefly describe the subject of your photograph. Indicate the position of the candidate and the comparators.

Indicate the distinct characters of the candidate variety that can be observed in the photograph.

## Uniformity

Each candidate variety must be uniform. A variety is taken to be uniform, if subject to the variation that may be expected from the particular features of its propagation, it is uniform in its distinctive characteristics. For many species the level of uniformity required is specified in the relevant UPOV Technical Guideline (UPOV Technical guidelines are available at ([www.upov.int/en/publications/tg-room/index.html](http://www.upov.int/en/publications/tg-room/index.html))).

### Observed characteristics

For observed characteristics (ie not measured characteristics), uniformity is usually assessed using the off-type method. Qualified Persons should submit information recording the number of offtypes (ie number of plants or samples which have a state of expression different from that claimed for the candidate) for the relevant distinctive characteristics. For example the candidate variety might be distinctively red flowered but occasionally there is a yellow flower (in the example below, one yellow flower in each ten flowers sampled).

---

<sup>1</sup>Please contact the PBR office to discuss any detailed requirements

OFF TYPE METHOD TABLE

Characteristic	Normal state for candidate	Total number of plants/samples assessed for this characteristic	Total number of off-types for this characteristic	Abnormal expressions observed
----------------	----------------------------	---	---	-------------------------------

Example:

<i>Flower colour</i>	Red	10	1	Yellow

Requirement to supply uniformity information for each distinct characteristic

Usually off-type or relative variance data must be provided for each distinctive characteristic claimed for the candidate variety. However, where the Qualified Person has not recorded any off-types for distinctive characteristics assessed by observation, then a statement to that effect can be made by checking the box (see under) in lieu of completing the off-type data table. For distinctive characteristics assessed by measurement, relative variance information should always be provided, (see under).

**D** No off-types have been recorded for any of the distinctive characteristics of the candidate variety assessed by observation.

Measured characteristics

When assessing and recording uniformity for measured characteristics (where it is often difficult to clearly identify what is or is not an off-type), Qualified Persons can use the relative variance method. Here, the variance for a measured distinctive characteristic of the candidate is compared with the mean variance of the comparator varieties for the same characteristic.

Using the following table, for each distinctive measured characteristic, calculate the "combined mean variance" by averaging the individual variances of the comparator varieties. Then calculate the "variance ratio" by dividing the variance of the candidate by the combined mean variance of the comparators (see example). All measured characteristics used to show distinctness must be included in this table unless otherwise agreed with the PBRO. The table may need to be expanded for trials with a large number of comparators or where the candidate has many distinctive characteristics.

continue on Page 4 of 5 for Relative Variance Table

**RELATIVE VARIANCE TABLE**

Characteristic	Variance of candidate variety	Variance of comparator variety	Variance of reference variety	Combined mean variances of comparator varieties	Ratio candidate/mean of comparators			
----------------	-------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	-------------------------------	---	-------------------------------------

Example:

Plant: height (cm)                      5.1                      6.5                      5.5                      4.3                      5.3                      6.2                      5.56                      0.917


**Stability**

A variety is taken to be stable if its distinctive characteristics remain unchanged after repeated propagation. There is no need to provide stability data for comparator varieties.

Stability for candidate varieties maintained by seed

Plants grown from a minimum of two seed generations of the candidate variety should be so alike that they could not be declared distinct from each other for any characteristic used to show distinctness of the candidate variety from the comparator or varieties.

'state' refers to the state of expression of a characteristic recorded in words

for observed characteristics (ie not measured characteristics), leave columns 4 and 5 blank

**STABILITY TABLE**

Characteristic	Mean or state for Different Generation 1 {0}1	Mean or state for Generation 2	Difference between the means	LSD* (P <= 0.01) characteristics only)	Same (S) or (measured
----------------	---	--------------------------------	------------------------------	--	-----------------------

Example:

Plant: height (cm)                      127.1                      130.2                      3.1                      3.5                      S


\*Least Significant Difference (LSD) test preferred though other appropriate statistical tests can also be used.

Stability - for candidate varieties maintained by vegetative means

Where no instability between generations for distinctive characteristics has been observed, then it is generally sufficient for the Qualified Person to make a statement to that effect by checking the box (see under) in lieu of completing a stability table.

The distinctive characteristics of the candidate variety are stable (ie have remained unchanged) after repeated propagation.

Where instability of distinctive characteristics is present in a vegetatively propagated candidate variety, the Qualified Person will need to contact the PBRO.

## Checklist of Attachments - Part 2 Application

Have you included the following?

One completed original Part 2 Application form (PBR/00/002) for Plant Breeder's Rights

A completed Certification by a Qualified Person form (PBR/00/006)

A completed Confirmation of submission of propagating material to a genetic resource centre form (PBR/00/009)

Has evidence of distinctness been submitted via the online Interactive Variety Description System (IVDS)?

Photograph or photographs showing the distinguishing characteristics of the new variety

Have ALL questions been answered ?

Has the Qualified Person completed the declaration on page 1 of this form?



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Plant Breeder's Rights Act 1994 - Section 34

## Certification by a Qualified Person (QP)

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### Privacy Notice

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- how you may make a complaint about a breach of the Privacy Act and how we will deal with your complaint; and
- IP Australia's Privacy Contact Officer details.

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In accordance with the PBR Act, IP Australia may make this completed form available to any person, upon request and payment of a fee.

IP Australia will publish the:

- Applicant name;
- Agent name;
- Qualified Person name and contact details; and
- Town, State and Country of the applicant's address

in the Register of Plant Varieties, the Plant Varieties Journal, the Plant Breeder's Rights Database and/or on our website. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

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Plant Breeder's Rights Act 1994 Section 34

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**Certification by a Qualified Person (QP)**

- To be completed by the applicant or the applicant's agent and the Qualified Person.
- The Qualified Person must be officially accredited for the species, in writing, by the PBR Office (PBRO).
- This completed form should be attached to, and submitted with, Part 2 of the application form PBR/00/002.

Name of variety: \_\_\_\_\_

Application number: \_\_\_\_\_

Applicant's or Agent's name: \_\_\_\_\_

Qualified Person's name: \_\_\_\_\_

Answer all questions by ticking **the** appropriate box

I am accredited with the Plant Breeders Rights Office for this taxon as a:

consultant Qualified Person

non-consultant Qualified Person

As the Qualified Person I have:

reviewed the application documents related to the above variety first filed in another UPOV member country and recommend to the PBRO that they are suitable for examination without a comparative test growing in Australia, and/or

Yes  No

performed those functions ticked in the box below as part of the application process, the results of which are reported in Part 2 of the application form

Yes  No

Tick only those functions that the QP performed in relation to this application

Completion of Part 1 of the application form.	<input type="checkbox"/>	Certification of the Part 2 application form.	
Determine the most similar varieties of common knowledge and the need to include source or parental material in trial.	<input type="checkbox"/>	Provide observations, data and statistical analysis of the DUS trial for the applicant to complete Part 2 of the application form.	<input type="checkbox"/>
Planning the test growing trial.....	<input type="checkbox"/>	Completion of Part 2 of the PBR application.	<input type="checkbox"/>
Recommending the most appropriate trial site for the varieties in trial.	<input type="checkbox"/>	Verification of the field trial, observations, data and statistical analysis.	<input type="checkbox"/>
Choice of trial site.....	<input type="checkbox"/>	Perform the necessary statistical analysis of the measurements to determine DUS.	<input type="checkbox"/>
Supervision of the layout and planting of the trial	<input type="checkbox"/>	Provide a detailed description of variety in the PBR approved format.	<input type="checkbox"/>
Care and maintenance of the trial.....	<input type="checkbox"/>	Provide a comparative slide or a colour print of the variety showing distinctness characters.	<input type="checkbox"/>
Instruction to applicant on the timing and nature of observations/measurements needed.	<input type="checkbox"/>	Make observations/take measurements to comply with approved DUS test guidelines.	

**Declaration by Qualified Person**

**D** By ticking this box I declare myself to be the Qualified Person identified in this form and the information supplied to be true and correct.\*

Name (please print): \_\_\_\_\_ Date: \_\_\_\_\_  
(DD/MM/YYYY)

The applicant or agent for the applicant should complete the section below to confirm that there is an agreed understanding on the respective roles of the applicant/agent and QP in this application.

**Applicant/Agent**

**D** By ticking this box I declare myself to be an authorised signatory for the Applicant/Agent identified in this form and the information supplied to be true and correct.\*

Name (please print): \_\_\_\_\_ Date: \_\_\_\_\_  
(DD/MM/YYYY)

Name of Company or Department  
*{if applicable}* \_\_\_\_\_

For joint applicants where an agent has not been authorised, the name of each of the joint applicants is required.

**D** By ticking this box I declare myself to be the person identified below and am authorised to sign. The information is true and correct.\*

Name (please print): \_\_\_\_\_ Date: \_\_\_\_\_  
(DD/MM/YYYY)

Name of Company or Department  
*(if applicable)* \_\_\_\_\_

\*THE PENALTY UNDER SECTION 75(1) FOR MAKING A FALSE STATEMENT IN SUPPORT OF AN APPLICATION IS SIX MONTHS IMPRISONMENT.



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Plant Breeder's Rights Act 1994 - Sections 4, 40 and 41

# Application for a Declaration of Essential Derivation

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## Privacy Notice

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- how you may make a complaint about a breach of the Privacy Act and how we will deal with your complaint; and
- IP Australia's Privacy Contact Officer details.

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In accordance with the PBR Act, IP Australia may make this completed form available to any person, upon request and payment of a fee.

IP Australia will publish the:

- Applicant name;
- Agent name; and
- Town, State and Country of the applicant's address

in the Register of Plant Varieties, the Plant Varieties Journal and the Plant Breeder's Rights Database. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

You should also be aware that the Registrar for Plant Breeder's Rights may need to:

- contact the grantee of the Plant Breeders Right for which you are seeking a declaration, regarding your application; and
- disclose the contents of your application to the grantee of the Plant Breeder's Right.

If you do not provide the personal information required on the form, IP Australia may not be able to process this form.

IP Australia will not otherwise use or disclose your personal information without your consent, unless authorised or required by or under law.

### Consent

By completing this form, in addition you provide your consent to your personal information being handled in accordance with this privacy notice, including being disclosed as provided above.

When you provide your consent to your personal information being disclosed to overseas recipients, including publication online, you understand that IP Australia will not be accountable for any subsequent use under the Privacy Act, nor are you able to seek redress under that Act, for the actions of any overseas recipient.



Plant Breeder's Rights Act 1994 - Sections 4, 40 and 41

# Application for a Declaration of Essential Derivation

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Sections 1 to 3 to be completed by the Applicant

Note: This application must be accompanied by the prescribed fee.

## Section 1: General information about the Applicant and varieties concerned

Name of Applicant:

*{person making this request for declaration of essential derivation}*

Address  
(can be a PO Box):

	State	Postcode
Country <i>{f not Australia }</i>		

Contact Details

Contact person:  
*{if different from applicant}*  
Telephone

	fax	
--	-----	--

Mobile Number:

Email address:

### Initial Variety (details of your granted PBR variety)

PBR Application No.

PBR Certificate No.

Variety name:

Botanical name:

Has the initial variety itself been declared to be essentially derived from another variety?

Yes

No

### Second Variety {details of the variety you are claiming is essentially derived}

If the second variety is the subject of an existing PBR then provide details:

PBR Application No.

PBR Certificate No.  
*{If granted}*

Variety name:

Botanical name:

**Second Variety (continued)**

If the second variety is not the subject of an existing PBR then provide details:

Variety name:	
Botanical name:	
Breeder:	
Breeder Address:	

The above information must be sufficient to enable the Registrar to notify the breeder of the second variety of the application for essential derivation.

If you are unable to reasonably identify the breeder of the second variety then outline steps you have undertaken to attempt to obtain the information


Note: To further consider the application, the information provided must be sufficient to satisfy the Registrar that reasonable steps have been undertaken in an attempt to identify the breeder of the second variety.



### Section 3: Declaration by the Applicant

As the grantee or an exclusive licensee of the grantee of the initial variety stated in this application, I apply under Section 40 or 41 of the *Plant Breeder's Rights Act 1994* for a declaration that the second variety stated in this application is essentially derived from the aforementioned variety.

By ticking this box

I/We: 


Date: \_\_\_\_\_  
(DD/MM/YYYY)

declare to be authorised to complete this application and that the information given in all parts of and attachments to this form are true and correct.\*

\*THE PENALTY UNDER SECTION 75(1) FOR MAKING A FALSE STATEMENT IN SUPPORT OF AN APPLICATION IS SIX MONTHS IMPRISONMENT.

*Section 4 to be completed by IP Australia*

Section 4: Process for assessing an application for essential derivation

Note: Grantee also includes an exclusive licensee of the grantee.

Prior declarations affecting initial variety

Has the initial variety been declared essentially derived from another variety? Yes **D** No **D**  
 If yes, then refuse application for essential derivation and notify applicant

Application must contain *prima facie* case of essential derivation

Has a *prima facie* case been established? ..... Yes **D** No **D**

If no, has the applicant been notified with reasons for the decision? ..... Yes **D** No **D**

If yes, has notification been sent to grantee of second variety allowing 30 days (or other such period as allowed by the delegate) in which to establish that the second variety is not an essentially derived variety of the initial variety? Yes **D** No **D**

Final Declaration

After considering all relevant information, is the delegate satisfied that the grantee or breeder of the second variety has rebutted the *prima facie* case? Yes **D** No **D**

If yes, notify both the applicant and grantee or breeder of the second variety of result; and provide reasons to the applicant.

If no, declare that the second variety is essentially derived from the initial variety; notify both the applicant and grantee or breeder of the second variety, and provide reasons to the grantee or breeder of the second variety.

Reason:


Written notification of the declaration has been provided to the grantee of the initial variety and the grantee or breeder of the second variety Yes **D** No **D**

Delegate of Registrar of Plant Breeder's Rights	Date:
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Plant Breeder's Rights Act 1994 Section 62A

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## Application to Rectify the PBR Register

### Privacy Notice

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In accordance with the PBR Act, IP Australia may make this completed form available to any person, upon request and payment of a fee.

IP Australia will publish the:

- Applicant name, phone and fax numbers;
- Agent name, phone and fax numbers;
- Town, State and Country of the applicant's address; and
- Details of any amendment to the PBR Register

in the Register of Plant Varieties, the Plant Varieties Journal and the Plant Breeder's Rights Database. Once information is available on the internet, IP Australia has no control over its subsequent use and disclosure. You should be aware that the information (including personal information) held in IP Australia's online IP Rights databases is also available on request, subject to our terms and conditions.

You should also be aware that under the International Union for Protection of New Varieties of Plants (UPOV) ([www.upov.int/portal/index.html.en](http://www.upov.int/portal/index.html.en)) Convention, IP Australia is required to disclose information regarding plant breeder's rights applications (including the name of the applicant) to the UPOV in Geneva, Switzerland. Once information is provided to UPOV, IP Australia has no control over its subsequent use and disclosure.

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Plant Breeder's Rights Act 1994 - Section 62A



## Application to Rectify the PBR Register

### Personal Details of Applicant

(\* denotes mandatory fields)

*Name	ACN/ARBN/ABN					
*Address (can be a PO Box)	<table border="1"> <tr> <td>Country (if not Australia)</td> <td>State</td> <td>Postcode</td> </tr> </table>			Country (if not Australia)	State	Postcode
Country (if not Australia)	State	Postcode				

\*Address for Service (if different from the above address)

Address for Service of documents in Australia or New Zealand (can be a PO Box)

Address

Country	State	Postcode
---------	-------	----------

Agent Details (only complete if you are being represented by an Agent authorised to act on your behalf)

Name

Address

Country (if not Australia)	State	Postcode
----------------------------	-------	----------

### Optional Details:

Telephone	Fax	Mobile Number
Email Address	Customer Number	

By completing this form you consent to your personal information being handled in accordance with the Privacy Notice provided on page 1 of this form.

IP Australia publishes address details in our online databases and bulk data products. Please provide a post office box if you do not want your residential address to be published.



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Plant Breeder's Rights Act 1994 - Section 62A

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## Application to Rectify the PBR Register

THIS FORM SHOULD BE USED FOR AMENDMENTS TO RECTIFY THE PBR REGISTER UNDER S62A OF THE PBR ACT

### Part 1 Formality Details

If more room is required than is provided on the following pages you can attach your request to the back of this form

PBR Certificate Number(s)	Variety name

#### Current proceedings

The Register cannot be rectified while relevant proceedings in relation to the PBR are pending or proceedings in a court or in the AAT, relating to a decision under s21 of the PBR Act to amend or refuse to amend, the Register in relation to the PBR, are pending.

Complete the following:

I am not aware of any current proceedings in relation to the PBR varieties identified in this application

OR

I am aware of the following current proceedings in relation to the PBR varieties identified in this application

#### Details of current proceedings


### Part 2 Amendment Details

Tick the appropriate box(s) and provide reasoning.

Type of amendment requested

- omission of an entry from the register
- an entry made in the Register without sufficient cause
- an entry wrongly existing in the Register
  - an error or defect in any entry in the Register

Note: If the reason is not sufficient the Registrar may seek further information from any person







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## 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. 32 Issue 1) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Assignment of Rights](#)
- [Change or Nomination of Agent](#)
- [Change of Denomination](#)
- [Applications Withdrawn](#)
- [Transfer of Rights](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Grants Revoked](#)
- [Corrigenda](#)

## ACCEPTANCE

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

*Gossypium hirsutum*

COTTON

### **‘Sicot 620’**

Application No: 2018/316 Accepted: 02 Jan 2019

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

*Gossypium hirsutum*

COTTON

### **‘Siokra 250’**

Application No: 2018/317 Accepted: 02 Jan 2019

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

*Citrus sinensis*

SWEET ORANGE, NAVEL ORANGE

### **‘Carninka’**

Application No: 2018/337 Accepted: 04 Jan 2019

Applicant: **Citrogold (Pty) Ltd; Daniel Rautenbach Testamentere Trust; Ripple Hill Boerdery Trust.**  
Agent: **Variety Access Pty Ltd**, Torbanlea, QLD.

*Acacia floribunda*

### **‘ACF008’**

Application No: 2018/368 Accepted: 07 Jan 2019

Applicant: **Bushland Flora Pty Ltd**, Mount Evelyn, VIC.

*Digitaria milanjiana (Rendle) Stapf*

DIGITARIA

### **‘DMJ-012’**

Application No: 2018/366 Accepted: 08 Jan 2019

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

*Prunus dulcis*

ALMOND

**'Bennett-Hickman' syn Bennett**

Application No: 2018/378 Accepted: 08 Jan 2019

Applicant: **James Bennett**.

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

*Doryanthes excelsa*

**'Ryan's Gold'**

Application No: 2018/379 Accepted: 09 Jan 2019

Applicant: **Craig Waldon; Ryan Waldon**, Wyee, NSW.

*Dactylis glomerata*

COCKSFOOT

**'Sullivan'**

Application No: 2018/357 Accepted: 10 Jan 2019

Applicant: **Grasslands Innovation Limited**, Palmerston North, NZ.

*Actinidia chinensis*

KIWIFRUIT

**'AC1536'**

Application No: 2018/369 Accepted: 10 Jan 2019

Applicant: **Universita Degli Studi di Udine**.

Agent: **Davies Collison Cave Law Pty Ltd**, Melbourne, VIC.

*Echeveria hybrid*

**'MOBEc 69' syn ech 142**

Application No: 2018/380 Accepted: 10 Jan 2019

Applicant: **Morgan Oates & Brown Pty Ltd**.

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

*Echeveria hybrid*

**‘MOBEc 62’**

Application No: 2018/381 Accepted: 10 Jan 2019  
Applicant: **Morgan Oates & Brown Pty Ltd.**  
Agent: **Sprint Horticulture Pty Ltd**, Peats Ridge, NSW.

*Prunus avium*

SWEET CHERRY

**‘Areko’ syn Hamid**

Application No: 2018/327 Accepted: 11 Jan 2019  
Applicant: **Julius Kuhn-Institut (JKI), Federal Research Centre for Cultivated Plants.**  
Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

*Pennisetum clandestinum*

KIKUYU GRASS

**‘Fulkerson’**

Application No: 2018/361 Accepted: 15 Jan 2019  
Applicant: **Eykamp Seeds Pty Ltd; Eycorp Pty Ltd**, Quirindi, NSW.

*Lotus pedunculatus*

LOTUS

**‘LE 306’**

Application No: 2018/292 Accepted: 30 Jan 2019  
Applicant: **Instituto de Investigaciones Agropecuarias (INIA).**  
Agent: **PGG Wrightson Seeds Limited**, Christchurch, .

*Raphanus sativus*

RADISH

**‘NSW1’**

Application No: 2018/314 Accepted: 30 Jan 2019  
Applicant: **Norwest Seed Ltd.**  
Agent: **Pasture Genetics Ltd**, Wingfield, SA.

*Avena sativa*

OATS

**‘Benny’**

Application No: 2018/339 Accepted: 30 Jan 2019

Applicant: **Nordsaat Saatzucht GmbH.**

Agent: **Australian Grain and Forage Seeds P/L**, Smeaton, VIC.

*Cucumis sativus*

CUCUMBER, GHERKIN

**‘EQLIPSE’**

Application No: 2018/182 Accepted: 06 Feb 2019

Applicant: **Nunhems B.V.**

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

*Syzygium australe*

LILLY PILLY

**‘Dazzling Dazza’**

Application No: 2019/013 Accepted: 07 Feb 2019

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

*Syzygium australe*

LILLY PILLY

**‘Mighty Dazza’**

Application No: 2019/012 Accepted: 07 Feb 2019

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

*Convolvulus cneorum*

**‘Silver Pearl’**

Application No: 2019/006 Accepted: 07 Feb 2019

Applicant: **Mark Lunghusen; REH Superannuation Fund Pty Ltd.**

Agent: **Australian Horticultural Services Pty Ltd**, Wonga Park, VIC.

*Vigna unguiculata*

COWPEA

**‘Kalahari’**

Application No: 2018/363 Accepted: 11 Feb 2019

Applicant: **PGG Wrightson Seeds Limited**, Christchurch, NZ.

*Prunus salicina*

JAPANESE PLUM

**‘AJOP20’**

Application No: 2019/010 Accepted: 11 Feb 2019

Applicant: **Joseph Rullo**.

Agent: **Australian Nurserymen Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

*Convolvulus cneorum*

**‘Silver Cascade’**

Application No: 2019/005 Accepted: 12 Feb 2019

Applicant: **Mark Lunghusen; REH Superannuation Fund Pty Ltd**.

Agent: **Australian Horticultural Services Pty Ltd**, Wonga Park, VIC.

*Cercis canadensis x canadensis var. texensis*

EASTERN REDBUD, NORTH AMERICAN EASTERN REDBUD

**‘Pink Pom Poms’**

Application No: 2019/003 Accepted: 15 Feb 2019

Applicant: **North Carolina State University**.

Agent: **Australian Horticultural Services Pty Ltd**, Wonga Park, VIC.

*Rubus subgenus Rubus Watson*

BLACKBERRY

**‘APF-190T’**

Application No: 2019/007 Accepted: 18 Feb 2019

Applicant: **The Board of Trustees of the University of Arkansas**.

Agent: **Adrian M. Trioli Patent and Trade Mark Attorney**, East Melbourne, VIC.

*Triticum aestivum*

WHEAT

**‘DS Tull’**

Application No: 2018/189 Accepted: 18 Feb 2019

Applicant: **Agrigenetics, Inc.**

Agent: **Dow AgroSciences Australia Limited**, Frenchs Forrest, NSW.

*Triticum aestivum*

WHEAT

**‘DS Bennett’**

Application No: 2018/188 Accepted: 18 Feb 2019

Applicant: **Agrigenetics, Inc.**

Agent: **Dow AgroSciences Australia Limited**, Frenchs Forrest, NSW.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixtySeven’**

Application No: 2019/017 Accepted: 20 Feb 2019

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

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

*Solanum lycopersicum L.*

TOMATO

**‘NUN 09248 TOF’**

Application No: 2019/020 Accepted: 27 Feb 2019

Applicant: **Nunhems B.V.**

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

*Pyrus communis*

EUROPEAN PEAR

**‘Cepuna’**

Application No: 2019/018 Accepted: 27 Feb 2019

Applicant: **(I.N.R.A.) Institut National de la Recherche Agronomique.**

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

*Solanum lycopersicum*

TOMATO

**‘SOLABOLL’**

Application No: 2019/021 Accepted: 27 Feb 2019

Applicant: **Nunhems B.V.**

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

*Solanum lycopersicum*

TOMATO

**‘MAREJADA’**

Application No: 2019/019 Accepted: 27 Feb 2019

Applicant: **Nunhems B.V.**

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

*Goodenia ovata*

**‘GOOD17001’**

Application No: 2019/008 Accepted: 04 Mar 2019

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

*Correa glabra*

**‘COR13002’**

Application No: 2018/070 Accepted: 05 Mar 2019

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

*Correa pulchella*

CORREA

**‘COR16004’**

Application No: 2018/068 Accepted: 05 Mar 2019

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

*x Mangave*

**‘Pineapple Express’**

Application No: 2019/001 Accepted: 06 Mar 2019

Applicant: **Walters Gardens, Inc.**

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

*Cucumis sativus*

CUCUMBER, GHERKIN

**‘SQISITO’**

Application No: 2018/358 Accepted: 06 Mar 2019

Applicant: **Nunhems B.V.**

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

*Sesamum indicum*

SESAME

**‘AGV1013’**

Application No: 2018/272 Accepted: 12 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Sesamum indicum*

SESAME

**‘AGV1007’**

Application No: 2018/266 Accepted: 12 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Solanum lycopersicum*

TOMATO

**‘PR-7’**

Application No: 2018/353 Accepted: 12 Mar 2019

Applicant: **TAKII & COMPANY LIMITED.**

Agent: **Spruson & Ferguson Pty Limited**, Darling Park, NSW.

*Oryza sativa*

RICE

**‘AGV1008’**

Application No: 2018/267 Accepted: 13 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Oryza sativa*

RICE

**‘AGV1009’**

Application No: 2018/268 Accepted: 13 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Vigna angularis*

**‘AGV1012’**

Application No: 2018/271 Accepted: 13 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Brassica juncea*

INDIAN MUSTARD

**‘AGV1014’**

Application No: 2018/273 Accepted: 13 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Cucumis sativus*

MELON

**‘Equity’**

Application No: 2018/321 Accepted: 14 Mar 2019

Applicant: **Nunhems B.V.**

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

*Vigna radiata*

MUNG BEAN

**‘AGV1011’**

Application No: 2018/270 Accepted: 15 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd.**

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Vitis vinifera*

GRAPE VINE

**‘Sheegene 102’**

Application No: 2019/025 Accepted: 15 Mar 2019

Applicant: **Sheehan Genetics Australia Pty Ltd**, Emerald, VIC.

*Glycine max*

SOYBEAN

**‘AGV1006’**

Application No: 2018/265 Accepted: 15 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd**.

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Glycine max*

SOYBEAN

**‘AGV1005’**

Application No: 2018/264 Accepted: 15 Mar 2019

Applicant: **AgriVentis Technologies Pty Ltd**.

Agent: **Peter Maxwell and Associates**, Sydney, NSW.

*Vitis vinifera*

GRAPE VINE

**‘Sheegene 101’**

Application No: 2019/024 Accepted: 15 Mar 2019

Applicant: **Sheehan Genetics Australia Pty Ltd**, Emerald, VIC.

*Vitis vinifera*

GRAPE VINE

**‘Sheegene 103’**

Application No: 2019/026 Accepted: 18 Mar 2019

Applicant: **Sheehan Genetics Australia Pty Ltd**, Emerald, VIC.

*Lilium hybrid*

LILY

**‘Profundo’**

Application No: 2018/384 Accepted: 27 Mar 2019

Applicant: **Testcentrum voor Siergewassen B.V.**

Agent: **Crop & Nursery Services**, Macmasters Beach, NSW.

*Lilium hybrid*

LILY

**‘Maldano’**

Application No: 2018/382 Accepted: 27 Mar 2019

Applicant: **Testcentrum voor Siergewassen B.V.**

Agent: **Crop & Nursery Services**, Macmasters Beach, NSW.

*Lilium hybrid*

LILY

**‘RedDesire’**

Application No: 2018/383 Accepted: 28 Mar 2019

Applicant: **Testcentrum voor Siergewassen B.V.**

Agent: **Crop & Nursery Services**, Macmasters Beach, NSW.

*Vaccinium corymbosum L.*

BLUEBERRY

**‘DrisBlueSeventeen’**

Application No: 2019/044 Accepted: 28 Mar 2019

Applicant: **Driscoll's Inc.**

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

*Vaccinium corymbosum*

**‘DrisBlueSixteen’**

Application No: 2019/041 Accepted: 28 Mar 2019

Applicant: **Driscoll's Inc.**

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

*Solanum tuberosum*

POTATO

**‘Crop60’**

Application No: 2019/042 Accepted: 29 Mar 2019

Applicant: **The New Zealand Institute for Plant and Food Research Limited.**

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

*Persea americana*

**‘GreyStar’**

Application No: 2018/375 Accepted: 29 Mar 2019

Applicant: **Avogrey Heritage Trust.**

Agent: **Fleming's Nurseries Pty Ltd**, Monbulk, VIC.

## Variety Descriptions

<u>Common (Genus Species)</u>	<u>Variety</u>	<u>Title Holder</u>
<u>(Lavandula hybrid)</u>	Ghostly Princess	Plant Growers Australia Pty Ltd
<u>Abyssinian Cabbage (Brassica carinata)</u>	Amara	Shamrock Seed Company, Inc. dba Vilmorin North America
<u>Apple (Malus domestica)</u>	Lady In Red	Sunglo Varieties Limited
<u>Apple (Malus domestica)</u>	Ruby Heart	Andrew Egan
<u>Barley (Hordeum vulgare)</u>	Ohalo2	CSIRO
<u>Barley (Hordeum vulgare)</u>	Ohalo	CSIRO
<u>Bidens (Bidens ferulifolia)</u>	SUNBIDEVB 4	Suntory Flowers Limited
<u>Bidens (Bidens ferulifolia)</u>	SUNBIDEVB 3	Suntory Flowers Limited
<u>Blueberry (Vaccinium corymbosum)</u>	Ventura	Fall Creek Farm & Nursery Inc.
<u>Chinese lantern (Abutilon hybrid)</u>	Nuabtang	NuFlora International Pty Ltd
<u>Chinese lantern (Abutilon hybrid)</u>	Nuabred	NuFlora International Pty Ltd
<u>Chinese lantern (Abutilon hybrid)</u>	LuckyLanternYellow	NuFlora International Pty Ltd
<u>Chinese lantern (Abutilon hybrid)</u>	Passion	NuFlora International Pty Ltd
<u>Cucumber (Cucumis sativus)</u>	EQLIPSE	Nunhems B.V.
<u>Escallonia (Escallonia laevis)</u>	Lades	Ludovic Ladan
<u>Fanflower (Scaevola aemula)</u>	Bonsca 1203	Bonza Botanicals Pty Limited
<u>French bean (Phaseolus vulgaris)</u>	Aldrin	HM.CLAUSE, Inc.
<u>Grape vine (Vitis vinifera)</u>	SUGRATHIRTYSIX	Sun World International LLC

<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	SUGRATHIRTYTWO	Sun World International LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Six	International Fruit Genetics LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Fourteen	International Fruit Genetics LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	Sugrathirtynine	Sun World International, LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Seventeen	International Fruit Genetics, LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Sixteen	International Fruit Genetics, LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Three	International Fruit Genetics LLC
<a href="#">Grape vine (<i>Vitis vinifera</i>)</a>	IFG Nine	International Fruit Genetics LLC
<a href="#">Hop Bush (<i>Dodonaea viscosa</i>)</a>	Mr Green Sheen	Stephen Membrey and Gayle Membrey
<a href="#">Japanese Elm (<i>Zelkova serrata</i>)</a>	Goldenflame	Vic John Ciccolella
<a href="#">Kangaroo Paw (<i>Anigozanthos hybrid</i>)</a>	Rambocity	Ramm Botanicals Holdings Pty Ltd.
<a href="#">Manila Grass (<i>Zoysia matrella</i>)</a>	GZ-006	GeneGro Pty Ltd
<a href="#">Manila Grass (<i>Zoysia matrella</i>)</a>	GZ-022	GeneGro Pty Ltd
<a href="#">Oats (<i>Avena sativa</i>)</a>	koorabup	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute), Grains Research and Development Corporation
<a href="#">Poinsettia (<i>Euphorbia hybrid</i>)</a>	Bonpri 974	Bonza Botanicals Pty Limited
<a href="#">Potato (<i>Solanum tuberosum</i>)</a>	ATTX961014-1R/Y	Texas A&M AgriLife Research
<a href="#">Potato (<i>Solanum tuberosum</i>)</a>	Amigo-590.02.7	SIPRE
<a href="#">Prickly Couch (<i>Zoysia macrantha</i>)</a>	ZMW-019	GeneGro Pty Ltd
<a href="#">Prickly Couch (<i>Zoysia macrantha</i>)</a>	ZMM-018	GeneGro Pty Ltd
<a href="#">Rose (<i>Rosa hybrid</i>)</a>	GRAflr	John C. Gray, Sylvia E. Gray

<a href="#">Rose (<i>Rosa hybrid</i>)</a>	GRAosr	John C. Gray, Sylvia E. Gray
<a href="#">Spurges (<i>Euphorbia hybrid</i>)</a>	Bonpoiakani	Bonza Botanicals Pty Limited
<a href="#">Strawberry (<i>Fragaria x ananassa</i>)</a>	Grenada	The Regents of the University of California
<a href="#">Strawberry (<i>Fragaria xananassa</i>)</a>	Fronteras	The Regents of the University of California
<a href="#">Sweet Orange (<i>Citrus sinensis</i>)</a>	VILLA11	Frank Mercuri, Domenic Mercuri, Frank Nardi, Michael Nardi, Joe Nardi
<a href="#">Tomato (<i>Solanum lycopersicum</i>)</a>	Arendell	Nunhems B.V.
<a href="#">Tomato (<i>Solanum lycopersicum</i>)</a>	Trevine	Nunhems B.V.
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	DS Darwin	Agrigenetics, Inc.
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	DS Pascal	Agrigenetics, Inc.
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	SUNPRIME	Australian Grain Technologies Pty Ltd
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	Illabo	Australian Grain Technologies Pty Ltd
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	DS Bennett	Agrigenetics, Inc.
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	DS Tull	Agrigenetics, Inc.
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	Razor CL Plus	Australian Grain Technologies Pty Ltd

## Plant Varieties Journal - Search Result Details

**(*Lavandula hybrid*)**

**Variety:** 'Ghostly Princess'  
**Synonym:** N/A

**Application no:** 2017/202

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 12-Jul-2017

**Accepted:** 02-Aug-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, 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.](#)



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Abyssinian Cabbage (*Brassica carinata*)****Variety:** 'Amara'**Synonym:** N/A**Application no:** 2017/022**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Feb-2017**Accepted:** 21-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Shamrock Seed Company, Inc. dba Vilmorin North America**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Apple (*Malus domestica*)**

**Variety:** 'Lady In Red'  
**Synonym:** N/A

**Application no:** 2008/108

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 24-Apr-2008

**Accepted:** 11-Sep-2008

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Sunglo Varieties Limited

**Agent:** Australian Nurserymans Fruit Improvement Company (ANFIC)

**Telephone:** 0734919905

**Fax:** 0734919929

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Apple (*Malus domestica*)****Variety:** 'Ruby Heart'**Synonym:** Rubihart**Application no:** 2014/300**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Nov-2014**Accepted:** 23-Feb-2015**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Andrew Egan**Agent:** Cecilia Egan**Telephone:** 0419305242**Fax:** N/A

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

**Date of effect:** 22-May-2019

## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)**

**Variety:** 'Ohalo2'  
**Synonym:** N/A

**Application no:** 2016/310  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 06-Nov-2016  
**Accepted:** 09-Dec-2016  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** CSIRO  
**Agent:** N/A  
**Telephone:** 0262465331  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)**

**Variety:** 'Ohalo'  
**Synonym:** N/A

**Application no:** 2016/309  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 06-Nov-2016  
**Accepted:** 03-May-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** CSIRO  
**Agent:** N/A  
**Telephone:** 0262465331  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Bidens (*Bidens ferulifolia*)****Variety:** 'SUNBIDEVB 4'**Synonym:** N/A**Application no:** 2017/318**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Nov-2017**Accepted:** 20-Dec-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Bidens (*Bidens ferulifolia*)**

**Variety:** 'SUNBIDEVB 3'  
**Synonym:** N/A

**Application no:** 2017/317

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 03-Nov-2017

**Accepted:** 20-Dec-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Blueberry (*Vaccinium corymbosum*)**

**Variety:** 'Ventura'  
**Synonym:** N/A

**Application no:** 2015/353  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 21-Dec-2015  
**Accepted:** 19-Jan-2016  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Fall Creek Farm & Nursery Inc.  
**Agent:** A J Park  
**Telephone:** 0444740893  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Chinese lantern (*Abutilon hybrid*)****Variety:** 'Nuabtang'**Synonym:** N/A**Application no:** 2015/018**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jan-2015**Accepted:** 24-Feb-2015**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** NuFlora International Pty Ltd**Agent:** Touch of Class Planrs Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Date of effect: 22-May-2019

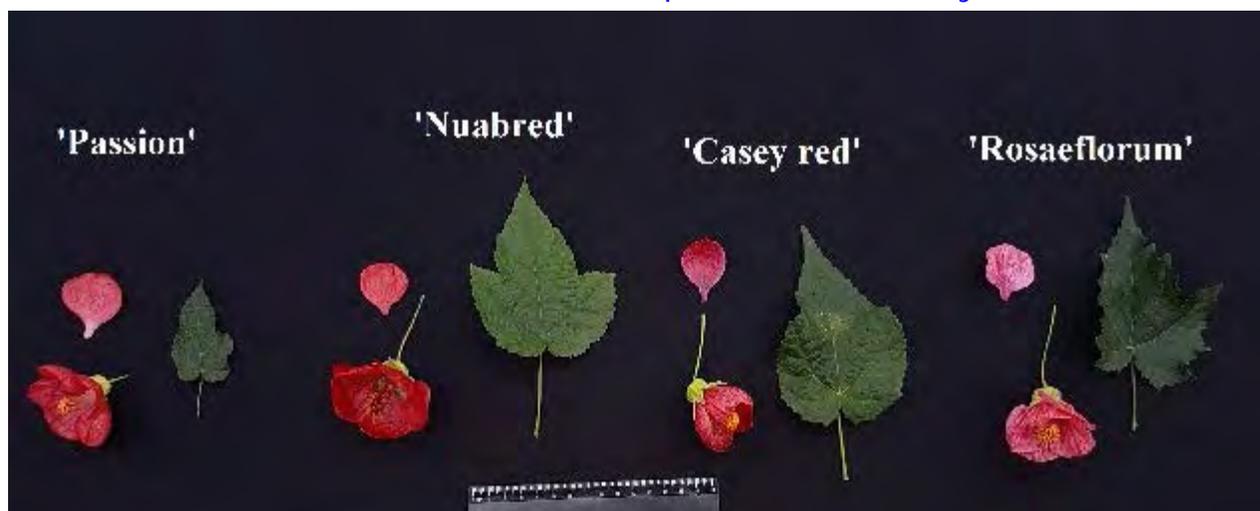
## Plant Varieties Journal - Search Result Details

**Chinese lantern (*Abutilon hybrid*)****Variety:** 'Nuabred'**Synonym:** N/A**Application no:** 2015/017**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jan-2015**Accepted:** 23-Feb-2015**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** NuFlora International Pty Ltd**Agent:** Touch of Class Planrs Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Chinese lantern (*Abutilon hybrid*)**

**Variety:** 'LuckyLanternYellow'  
**Synonym:** N/A

**Application no:** 2015/016

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 22-Jan-2015

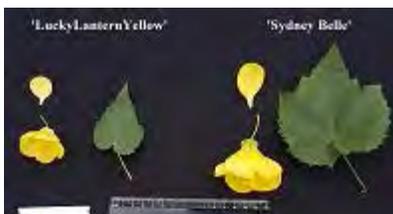
**Accepted:** 03-Dec-2015

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** NuFlora International Pty Ltd  
**Agent:** Touch of Class Planrs Pty Ltd  
**Telephone:** 0356292443  
**Fax:** 0356292822

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Chinese lantern (*Abutilon hybrid*)**

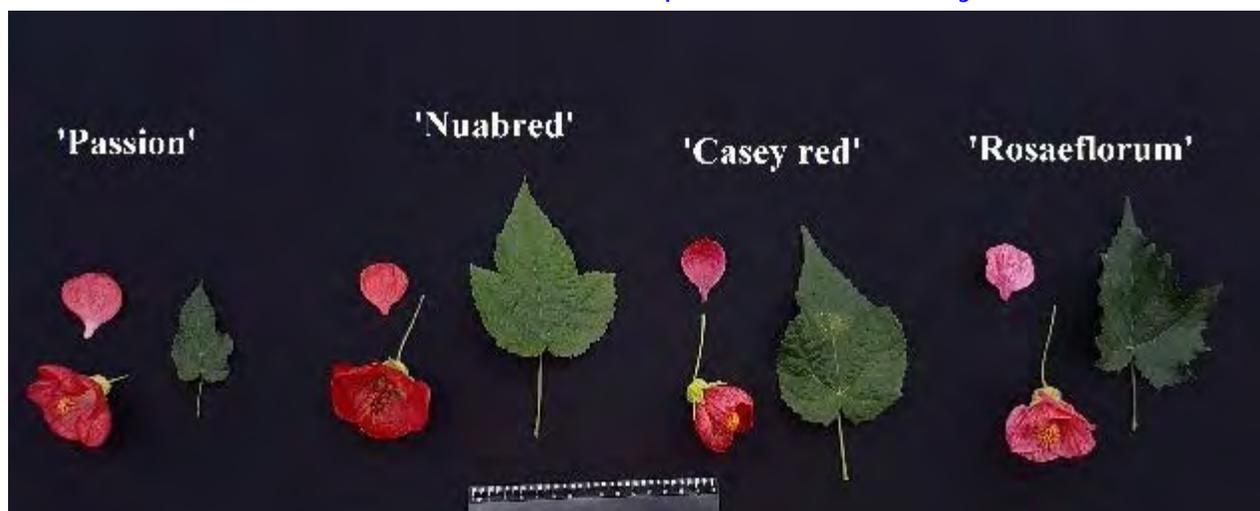
**Variety:** 'Passion'  
**Synonym:** N/A

**Application no:** 2015/106  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 15-May-2015  
**Accepted:** 11-Jun-2015  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** NuFlora International Pty Ltd  
**Agent:** Touch of Class Planrs Pty Ltd  
**Telephone:** 0356292443  
**Fax:** 0356292822

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Cucumber (*Cucumis sativus*)****Variety:** 'EQLIPSE'**Synonym:** N/A**Application no:** 2018/182**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Jun-2018**Accepted:** 06-Feb-2019**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



## Plant Varieties Journal - Search Result Details

**Escallonia (*Escallonia laevis*)**

**Variety:** 'Lades'  
**Synonym:** Pink Elle

**Application no:** 2014/065

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 10-Apr-2014

**Accepted:** 02-Jun-2014

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Ludovic Ladan

**Agent:** Plants Management Pty. Ltd.

**Telephone:** 0362659050

**Fax:** 0362659919

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



'Lades'

Date of effect: 22-May-2019

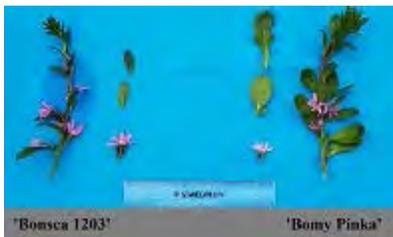
## Plant Varieties Journal - Search Result Details

**Fanflower (*Scaevola aemula*)****Variety:** 'Bonsca 1203'**Synonym:** N/A**Application no:** 2017/135**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-May-2017**Accepted:** 14-Jun-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**French bean (*Phaseolus vulgaris*)**

**Variety:** 'Aldrin'  
**Synonym:** N/A

**Application no:** 2016/388  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 30-Dec-2016  
**Accepted:** 09-Jan-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** HM.CLAUSE, Inc.  
**Agent:** Shelston IP Pty Ltd  
**Telephone:** 0297771111  
**Fax:** 0292414666

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'SUGRATHIRTYSIX'**Synonym:** SUGRA36**Application no:** 2012/111**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Jun-2012**Accepted:** 26-Jul-2012**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



SUGRATHIRTYSIX



Flame Seedless

Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)**

**Variety:** 'SUGRATHIRTYTWO'  
**Synonym:** N/A

**Application no:** 2008/367

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 05-Dec-2008

**Accepted:** 12-Jan-2009

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Sun World International LLC

**Agent:** Corrs Chambers Westgarth

**Telephone:** 0396723148

**Fax:** 0396723010

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'IFG Six'**Synonym:** N/A**Application no:** 2013/163**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Jul-2013**Accepted:** 31-Jul-2013**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics LLC**Agent:** Alison MacGregor**Telephone:** 0350217480**Fax:** 0350214455

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



## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'IFG Fourteen'**Synonym:** N/A**Application no:** 2014/010**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jan-2014**Accepted:** 13-Feb-2014**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics LLC**Agent:** Alison MacGregor**Telephone:** 0350217480**Fax:** 0350214455

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



## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)**

**Variety:** 'Sugrathirtynine'  
**Synonym:** SUGRA39

**Application no:** 2016/066

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 09-Mar-2016

**Accepted:** 21-Apr-2016

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Sun World International, LLC

**Agent:** Corrs Chambers Westgarth

**Telephone:** 0396723148

**Fax:** 0396723010

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





Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'IFG Seventeen'**Synonym:** N/A**Application no:** 2015/334**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Dec-2015**Accepted:** 11-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics, LLC**Agent:** Jennifer Hashim-Maguire**Telephone:** N/A**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)**

**Variety:** 'IFG Sixteen'  
**Synonym:** N/A

**Application no:** 2015/333

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 03-Dec-2015

**Accepted:** 11-Apr-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics, LLC

**Agent:** Jennifer Hashim-Maguire

**Telephone:** N/A

**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'IFG Three'**Synonym:** N/A**Application no:** 2013/029**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Feb-2013**Accepted:** 11-Feb-2013**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics LLC**Agent:** Alison MacGregor**Telephone:** 0350217480**Fax:** 0350214455

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Grape vine (*Vitis vinifera*)****Variety:** 'IFG Nine'**Synonym:** N/A**Application no:** 2013/030**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Feb-2013**Accepted:** 11-Feb-2013**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** International Fruit Genetics LLC**Agent:** Alison MacGregor**Telephone:** 0350217480**Fax:** 0350214455

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

**Date of effect:** 22-May-2019

## Plant Varieties Journal - Search Result Details

**Hop Bush (*Dodonaea viscosa*)**

**Variety:** 'Mr Green Sheen'  
**Synonym:** N/A

**Application no:** 2006/253

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 01-Sep-2006

**Accepted:** 14-Dec-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Stephen Membrey and Gayle Membrey

**Agent:** N/A

**Telephone:** 0359872200

**Fax:** 0359810040

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Japanese Elm (*Zelkova serrata*)****Variety:** 'Goldenflame'**Synonym:** N/A**Application no:** 2011/247**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Nov-2011**Accepted:** 02-Feb-2012**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Vic John Ciccolella**Agent:** Fleming's Nurseries**Telephone:** 0397566105**Fax:** 0397520005

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Kangaroo Paw (*Anigozanthos hybrid*)**

**Variety:** 'Rambocity'  
**Synonym:** Bush Tenacity

**Application no:** 2010/132

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-Jun-2010

**Accepted:** 15-Jul-2010

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Ramm Botanicals Holdings Pty Ltd.

**Agent:** N/A

**Telephone:** 0243512099

**Fax:** 0243531875

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



## Plant Varieties Journal - Search Result Details

**Manila Grass (*Zoysia matrella*)****Variety:** 'GZ-006'**Synonym:** N/A**Application no:** 2017/087**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Apr-2017**Accepted:** 26-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Manila Grass (*Zoysia matrella*)****Variety:** 'GZ-022'**Synonym:** N/A**Application no:** 2017/088**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Apr-2017**Accepted:** 24-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Oats (*Avena sativa*)**

**Variety:** 'koorabup'  
**Synonym:** N/A

**Application no:** 2017/338  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 07-Dec-2017  
**Accepted:** 07-May-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute), Grains Research and Development Corporation  
**Agent:** N/A  
**Telephone:** 0883039398  
**Fax:** 0883039403

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Poinsettia (*Euphorbia hybrid*)**

**Variety:** 'Bonpri 974'  
**Synonym:** N/A

**Application no:** 2017/134  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 02-May-2017  
**Accepted:** 04-May-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



'Bonpri 974'

'Bonpri 635'

Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)**

**Variety:** 'ATTX961014-1R/Y'  
**Synonym:** N/A

**Application no:** 2015/177

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 09-Jul-2015

**Accepted:** 17-Jul-2015

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Texas A&M AgriLife Research  
**Agent:** Zerella Holdings Pty Ltd  
**Telephone:** 0883809096  
**Fax:** N/A

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

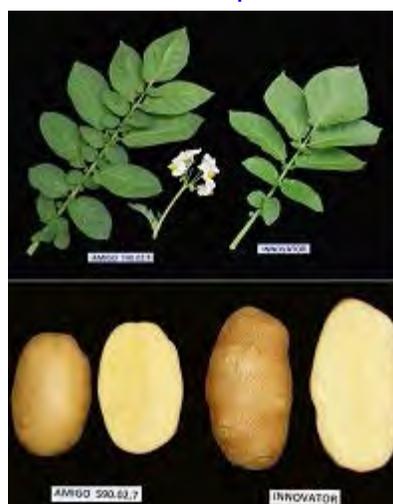


Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Amigo-590.02.7'**Synonym:** N/A**Application no:** 2018/016**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Feb-2018**Accepted:** 26-Mar-2018**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 32, Issue 1**Title Holder:** SIPRE**Agent:** McCain Foods (Aust) Pty Ltd**Telephone:** N/A**Fax:** N/A

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



Date of effect: 22-May-2019

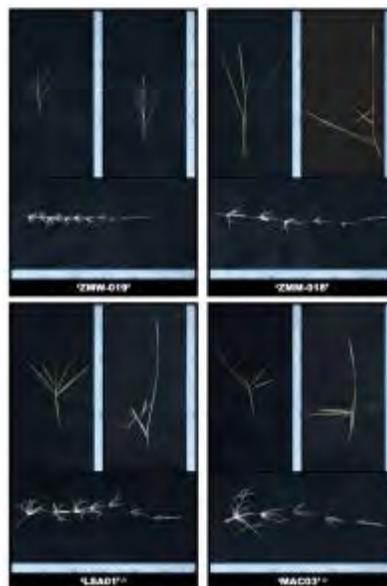
## Plant Varieties Journal - Search Result Details

**Prickly Couch (*Zoysia macrantha*)****Variety:** 'ZMW-019'**Synonym:** N/A**Application no:** 2016/166**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Jun-2016**Accepted:** 28-Jul-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Prickly Couch (*Zoysia macrantha*)****Variety:** 'ZMM-018'**Synonym:** N/A**Application no:** 2016/165**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Jun-2016**Accepted:** 28-Jul-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)**

**Variety:** 'GRAflr'  
**Synonym:** N/A

**Application no:** 2018/056  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 03-Mar-2018  
**Accepted:** 05-Apr-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** John C. Gray, Sylvia E. Gray  
**Agent:** N/A  
**Telephone:** 0746968440  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'GRAosr'**Synonym:** N/A**Application no:** 2018/055**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Mar-2018**Accepted:** 05-Apr-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** John C. Gray, Sylvia E. Gray**Agent:** N/A**Telephone:** 0746968440**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Spurges (*Euphorbia hybrid*)**

**Variety:** 'Bonpoiakani'  
**Synonym:** N/A

**Application no:** 2017/132

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 02-May-2017

**Accepted:** 27-Jun-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



'Bonpoiakani'

'Prestige Red'

Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Strawberry (*Fragaria x ananassa*)****Variety:** 'Grenada'**Synonym:** C232**Application no:** 2015/222**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jul-2015**Accepted:** 11-Oct-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** The Regents of the University of California**Agent:** Leslie W. Mitchell**Telephone:** 0358212021**Fax:** 0358311592

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Strawberry (*Fragaria xananassa*)****Variety:** 'Fronteras'**Synonym:** C235**Application no:** 2015/202**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jul-2015**Accepted:** 11-Oct-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** The Regents of the University of California**Agent:** Leslie W. Mitchell**Telephone:** 0358212021**Fax:** 0358311592

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Sweet Orange (*Citrus sinensis*)**

**Variety:** 'VILLA11'  
**Synonym:** N/A

**Application no:** 2015/248  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 18-Sep-2015  
**Accepted:** 02-Oct-2015  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title:** Frank Mercuri, Domenic Mercuri, Frank Nardi, Michael Nardi,  
**Holder:** Joe Nardi  
**Agent:** Variety Access Pty Ltd  
**Telephone:** 0741294147  
**Fax:** 0741294463

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Tomato (*Solanum lycopersicum*)****Variety:** 'Arendell'**Synonym:** N/A**Application no:** 2017/194**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jun-2017**Accepted:** 04-Jul-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Tomato (*Solanum lycopersicum*)**

**Variety:** 'Trevine'  
**Synonym:** N/A

**Application no:** 2017/282  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 26-Sep-2017  
**Accepted:** 24-Oct-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

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

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'DS Darwin'  
**Synonym:** N/A

**Application no:** 2015/242  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 03-Sep-2015  
**Accepted:** 02-Oct-2015  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Agrigenetics, Inc.  
**Agent:** Dow AgroSciences Australia Limited  
**Telephone:** N/A  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'DS Pascal'  
**Synonym:** N/A

**Application no:** 2015/244  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 05-Sep-2015  
**Accepted:** 13-Oct-2015  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Agrigenetics, Inc.  
**Agent:** Dow AgroSciences Australia Limited  
**Telephone:** N/A  
**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'SUNPRIME'**Synonym:** N/A**Application no:** 2018/167**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Jun-2018**Accepted:** 09-Jul-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883136861**Fax:** 0883136865

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'Illabo'**Synonym:** N/A**Application no:** 2018/162**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Jun-2018**Accepted:** 09-Jul-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883136861**Fax:** 0883136865

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'DS Bennett'**Synonym:** N/A**Application no:** 2018/188**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Jun-2018**Accepted:** 18-Feb-2019**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Agrigenetics, Inc.**Agent:** Dow AgroSciences Australia Limited**Telephone:** N/A**Fax:** N/A

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



Date of effect: 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'DS Tull'**Synonym:** N/A**Application no:** 2018/189**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Jun-2018**Accepted:** 18-Feb-2019**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Agrigenetics, Inc.**Agent:** Dow AgroSciences Australia Limited**Telephone:** N/A**Fax:** N/A

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

**Date of effect:** 22-May-2019

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'Razor CL Plus'**Synonym:** N/A**Application no:** 2018/006**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Jan-2018**Accepted:** 21-Feb-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 32, Issue 1

**Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883136861**Fax:** 0883136865

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



Date of effect: 22-May-2019

<b>Details of Application</b>		
<b>Application Number</b>	2017/202	
<b>Variety Name</b>	'Ghostly Princess'	
<b>Genus Species</b>	<i>Lavandula</i> hybrid	
<b>Common Name</b>	Lavender	
<b>Accepted Date</b>	02 Aug 2017	
<b>Applicant</b>	Plant Growers Australia Pty Ltd, Wonga park, VIC	
<b>Agent</b>	Plants Management Australia Pty Ltd, Dodges Ferry, TAS	
<b>Qualified Person</b>	Steve Eggleton	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Wonga Park, VIC	
<b>Descriptor</b>	TG/194/1 <i>Lavandula</i> ( <i>Lavandula</i> )	
<b>Period</b>	April 2018 to October 2018	
<b>Conditions</b>	Trial conducted in the open with overhead irrigation, plants propagated via cuttings and transferred to 210mm pots in April 2018. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required	
<b>Trial Design</b>	Twelve plants of each variety in a randomised design	
<b>Measurements</b>	From ten plants randomly selected	
<b>RHS Chart - edition</b>	Fifth Edition	
<b>Origin and Breeding</b>		
Controlled pollination: Crossing took place in Wonga Park, VIC in Nov 2012 between <i>Lavandula</i> IB910-2 (maternal parent) and the breeders own (non-commercial) variety IB210-4s (paternal parent). This has been part of an ongoing, 15 year <i>Lavandula</i> breeding program designed to develop plants with shorter flowering stem length and larger infertile bracts in a range of flower colours and foliage forms. From this cross seedlings were raised in Feb 2013 and grown to flowering maturity in 140mm containers in Sep 2013. Several Silver foliage selections were grown on for a further year but only one finally selected in October 2014 for exhibiting the characteristics of silver foliage, light pink infertile bracts and a medium plant density. All plants have remained uniform and stable. Propagation is via cuttings. Breeder: Plant Growers Australia		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Time of	beginning of flowering	medium
Spike	main colour of fertile bracts	red purple
Spike	presence of infertile bracts	present
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'The Princess'		

‘Sugarberry Ruffles’					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘With Love’	Time of	beginning of flowering	medium	very early	
‘Bella Pink’	Plant	size	small to medium	very small to small	
‘Bellaros’	Plant	size	small to medium	very small to small	

**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	‘Ghostly Princess’	‘Sugarberry Ruffles’	‘The Princess’
<input type="checkbox"/> *Plant: growth habit	bushy	bushy	bushy
<input checked="" type="checkbox"/> *Plant: size	small to medium	small to medium	medium to large
<input checked="" type="checkbox"/> Plant: intensity of green colour of foliage	very light	medium	medium to dark
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	very strong	weak	medium
<input type="checkbox"/> *Plant: attitude of outer flowering stems	erect	erect	erect
<input checked="" type="checkbox"/> *Plant: density	medium	dense	medium
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	short to medium	very short to short	short to medium
<input type="checkbox"/> Flowering stem: thickness at middle third	thin	very thin to thin	thin
<input checked="" type="checkbox"/> *Flowering stem: intensity of green colour	very light	medium	medium
<input type="checkbox"/> Flowering stem: intensity of pubescence (Stoechas and Pterostoechas sections only)	weak to medium	very weak to weak	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent
<input type="checkbox"/> *Spike: maximum width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> *Spike: total length	medium	very short to short	medium
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	medium	medium	medium
<input checked="" type="checkbox"/> Spike: width of fertile bracts	medium	medium	broad
<input type="checkbox"/> *Spike: main colour of fertile bracts (Stoechas and Pterostoechas sections only)	red purple	red purple	red purple
<input type="checkbox"/> *Spike: presence of infertile bracts	present	present	present
<input checked="" type="checkbox"/> *Spike: length of infertile bracts (Stoechas section only)	medium to long	medium to long	long to very long

<input type="checkbox"/> *Spike: shape of infertile bracts (Stoechas section only)	oblong	oblong	oblong
<input checked="" type="checkbox"/> *Spike: main colour of infertile bracts (Stoechas section only) (RHS colour chart)	65C	73C	74B+C
<input type="checkbox"/> Spike: undulation of margin of infertile bracts (Stoechas section only)	strong	medium to strong	strong to very strong
<input checked="" type="checkbox"/> *Flower: colour of calyx	greyish	greenish	greenish
<input checked="" type="checkbox"/> Flower: pubescence of calyx	strong	medium	weak to medium
<input type="checkbox"/> *Corolla: colour	pink	pink	violet
<input type="checkbox"/> Time of: beginning of flowering	medium	early to medium	medium

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Ghostly Princess'</b>	<b>'Sugarberry Ruffles'</b>	<b>'The Princess'</b>
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input type="checkbox"/> Leaf: width	narrow to medium	narrow to medium	medium
<input checked="" type="checkbox"/> Flower: length of pubescence	short	medium	long

#### **Prior Applications and Sales:**

First sold in Australia, August 2016

Description: **Amelia Pegg**, Wonga Park, VIC

<b>Details of Application</b>	
<b>Application Number</b>	2017/022
<b>Variety Name</b>	'Amara'
<b>Genus Species</b>	<i>Brassica carinata</i>
<b>Common Name</b>	Abyssinian Cabbage
<b>Synonym</b>	
<b>Accepted Date</b>	21 Apr 2017
<b>Applicant</b>	Shamrock Seed Company, Inc. dba Vilmorin North America, Salinas, CA 93901, USA
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	Calixto Dilag
<b>Details of Comparative Trial</b>	
<b>Location</b>	Templestowe, Victoria
<b>Descriptor</b>	<i>Brassica juncea</i> proj.1 Brown Mustard
<b>Period</b>	April to August 2018
<b>Conditions</b>	Trial was sown on week 21. The bed was with black plastic mulch and drip irrigation was used as required. Cold part of Autumn and Winter making plants grow slow. Sparing rain, decreasing light levels, decreasing temperature but not quite overcast sky.
<b>Trial Design</b>	Two generations of the candidate variety were compared in a side by side trial with the comparator varieties. Each plots contained approximately 550 plants each.
<b>Measurements</b>	As per UPOV guidelines
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
<p>Self-pollination. 'Amara' was developed using single plant selection, bulking plants from the sixth generation of selection. Breeding Stages: S1, B-711-14-1. Seed of selected plant was sown at the Shamrock Seed Company, Inc greenhouse facilities in Gilroy, California, in December 2007. Three single-plant selections were made, resulting in three individually-harvested S1 populations. S2, B-817-46-1. Seed of these selections was sown at the Gilroy facility in April 2008. Two single-plant selections were made from the first of the S1 populations, resulting in two individually-harvested S2 populations. S3, B-917-1-1. Seed of these selections was sown at the Gilroy facility in June 2009. Three single-plant selections were made from the first of the S2 populations, resulting in three individually-harvested S3 populations. S4, B-924-1-2. Seed of these selections was sown at the Gilroy facility in November 2009. Two single-plant selections were made from the first of the S3 populations, resulting in two individually-harvested S4 populations. S5, B-1023-2-1 Seed of these selections was sown at the Gilroy facility in June 2010. Two single-plant selections were made from the second of the S4 populations, resulting in two individually-harvested S5 populations. S6, B-1038-2-1 Seed of these selections was sown at the Gilroy facility in November 2010. One single-plant selection was made from the S5 populations, resulting in one individually-harvested S6 population. Multiplication Stages: Breeding increase, B-1123-2-1. Seed of the S6 population was sown at the Gilroy facility in</p>	

April 2012. This population having shown uniformity for leaf color, leaf shape, leaf texture, leaf smoothness, plant form, and retarded bolting, it was decided to bulk it. When this seed was harvested it was designated SSC 3125 for trailing. Pilot increase, B-1207-15-1. Seed of the breeding increase B-1123-2-1 was sown at the Gilroy facility in April 2012. The population continued to show intra- and inter-generational uniformity for the traits listed above, so the decision was made to continue its development with a pilot increase. Commercial Increases: two commercial increases were produced in 2013: 47220-13099 in California, harvested in March 2013; and 47220-8694 in Arizona, also harvested in March 2013. The objective of the selection program was to develop a variety of Ethiopian mustard suitable for baby leaf production, with a rosette plant habit, smooth, glossy leaves, retarded bolting, and an attractive dark green color. Breeder: Michael Courtney, Shamrock Seed Company, Inc. dba Vilmorin North America, Salinas, CA 93901, USA

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	green
Plant	height	short
Seed	colour	brown
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Highland'		
'Texsel Greens'		

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>'Amara'</b>	<b>'Highland'</b>	<b>'Texsel Greens'</b>
<input type="checkbox"/> seed: colour	brown	brown	brown
<input type="checkbox"/> Hypocotyl: anthocyanin coloration	medium	medium	medium
<input type="checkbox"/> Cotyledon: length	medium	medium	medium
<input type="checkbox"/> Cotyledon: width	medium	medium	medium
<input type="checkbox"/> Cotyledon: anthocyanin coloration	absent	absent	absent
<input type="checkbox"/> Leaf: type	type 1	type 1	type 1
<input type="checkbox"/> Leaf: shape	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> Leaf: attitude	semi erect	semi erect	semi erect
<input type="checkbox"/> Leaf: length (blade and petiole)	short	long	medium to long
<input type="checkbox"/> Leaf: width (widest point)	narrow	broad	medium

<input type="checkbox"/> Leaf: length of petiole	short	long	medium
<input type="checkbox"/> Leaf: thickness of petiole at widest point	medium	medium	medium
<input type="checkbox"/> Leaf: intensity of green color	dark	light	medium
<input type="checkbox"/> leaf blade: size of terminal lobe (only variety with leaf type 1 or type2)	small	large	medium
<input type="checkbox"/> leaf blade: intensity of lateral lobe (only variety with leaf type 1 or type2)	sparse	sparse	sparse
<input type="checkbox"/> leaf blade: pubescence	absent or few	absent or few	absent or few
<input type="checkbox"/> leaf blade: intensity of anthocyanin coloration (Variety with anthocyanin coloration present only)	absent	absent	absent
<input type="checkbox"/> leaf blade: undulation of margin	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> leaf blade: density of incision of margin	very shallow to shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> leaf blade: depth of incision of margin	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> leaf blade: blistering	weak	weak	weak
<input type="checkbox"/> leaf blade: width of midrib at widest point	narrow	broad	medium
<input type="checkbox"/> leaf blade: anthocyanin coloration of midrib	absent	absent	absent
<input type="checkbox"/> flower: Time	late	medium to late	medium
<input type="checkbox"/> Siliqua: length(between peduncle and beak) (not for vegetable mustard)	long	medium	medium
<input type="checkbox"/> Plant: total length (after flowering, side branches included) (not for vegetable mustard)	short	medium	tall
<input type="checkbox"/> Siliqua: length of beak (not for vegetable mustard)	short	medium	long
<input type="checkbox"/> Siliqua: length of peduncle (not for vegetable mustard)	medium	medium	medium

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2013	pending	'AMARA'

First sold in USA on 19<sup>th</sup> Feb 2013 and in Australia on 2<sup>nd</sup> Feb 2016

Description: **Calixto Dilag**, Templestowe, Victoria

<b>Details of Application</b>	
<b>Application Number</b>	2008/108
<b>Variety Name</b>	'Lady In Red'
<b>Genus Species</b>	<i>Malus domestica</i>
<b>Common Name</b>	Apple
<b>Accepted Date</b>	11 Sep 2008
<b>Applicant</b>	Sunglo Varieties Limited, Hastings, New Zealand
<b>Agent</b>	Australian Nurserymans Fruit Improvement Company (ANFIC), Kallangur QLD
<b>Qualified Person</b>	Dr Gavin Porter
<b>Details of Comparative Trial</b>	
<b>Location</b>	Shepparton, VIC
<b>Descriptor</b>	TG 14/9
<b>Period</b>	2017-2018
<b>Conditions</b>	Typical harvest season conditions in both 2017 and 2018. Weather was fine and dry on 19 April, 2018 in Shepparton, Victoria.
<b>Trial Design</b>	Verification trial using 'Lady in Red' trees on 'M26' rootstock, 4 year old trees vs Rosy Glow trees on 'M26' rootstock, 8 year old trees.
<b>Measurements</b>	As per UPOV guidelines
<b>RHS Chart - edition</b>	5 <sup>th</sup> edition
<b>Origin and Breeding</b>	
<p>The original limb mutation arose on a tree of 'Cripps Pink' on 'M26' rootstock planted in the Basil Mawley's orchard in Te Mata-Mangateretere Road, Hawkes Bay, New Zealand. Observations were first made in 1996. The initial limb mutation was marked and dormant one year old wood collected adjacent to the spurs on which the best coloured fruit had been observed. From this wood six trees were produced by grafting on to virus certified 'M26' rootstocks. These initial six first generation trees were planted and grown on to produce fruit. The fruit of the first generation trees was carefully observed over two seasons to check the consistency of fruit between trees and uniformity on each tree. In particular the fruit were observed to determine timing of fruit over-colour development, the percentage of the fruit surface covered, and the hue, and intensity of the over-colour. Fruit maturation was also monitored by measuring fruit flesh firmness using a penetrometer and the sugar content (brix) of the juice using a hand held refractometer. In addition the trees were observed to see if there were any differences between them in flowers, vegetative growth, fruiting habit, and overall plant health. The first generation trees were observed to be very consistent and plant material was selected from these for the propagation of 68 second generation trees, budded on to clonal rootstocks. The second generation trees have been fruited and observed as above for the first generation trees. Consistency of the bright pink-red skin colouration was the main selection criteria for the 'Lady in Red' variety.</p>	
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge	

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time for	harvest	late to very late
Fruit	hue of over colour with bloom removed	pink red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
Name	Comments	
'Rosy glow'		

**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	'Lady In Red'	'Rosy Glow'
<input type="checkbox"/> Tree: vigour	medium to strong	medium
<input type="checkbox"/> *Tree: type	ramified	ramified
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	upright	upright
<input type="checkbox"/> Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
<input type="checkbox"/> One-year-old shoot: thickness	medium to thick	medium to thick
<input type="checkbox"/> *One-year-old shoot: length of internode	medium	medium
<input type="checkbox"/> One-year-old shoot: colour on sunny side	medium brown	greenish brown
<input type="checkbox"/> One-year-old shoot: pubescence	medium to strong	medium to strong
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium to many	few to medium
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards	outwards
<input type="checkbox"/> *Leaf blade: length	medium to long	medium to long
<input type="checkbox"/> *Leaf blade: width	medium to broad	medium to broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium to large	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf blade: incisions of margin	serrate type 1	serrate type 1
<input type="checkbox"/> Leaf blade: pubescence on lower side	absent or weak	absent or weak
<input type="checkbox"/> *Petiole: length	medium	medium
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	medium to large	medium to large
<input type="checkbox"/> *Flower: predominant colour at balloon stage	dark pink	dark pink
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	large	medium
<input type="checkbox"/> *Flower: arrangement of petals	intermediate	free
<input type="checkbox"/> Flower: position of stigmas relative to anthers	below	same level
<input type="checkbox"/> Young fruit: extent of anthocyanin over colour	absent or very small	very small to small
<input type="checkbox"/> *Fruit: size	large	medium
<input type="checkbox"/> *Fruit: height	tall	medium

<input type="checkbox"/> *Fruit: diameter	medium	small to medium
<input type="checkbox"/> *Fruit: ratio height/diameter	large	medium
<input type="checkbox"/> *Fruit: general shape	cylindrical	cylindrical
<input type="checkbox"/> Fruit: ribbing	moderate	moderate
<input type="checkbox"/> Fruit: crowning at calyx end	moderate	moderate
<input type="checkbox"/> *Fruit: size of eye	medium to large	medium
<input type="checkbox"/> Fruit: length of sepal	long	long
<input type="checkbox"/> *Fruit: bloom of skin	moderate	moderate
<input type="checkbox"/> Fruit: greasiness of skin	absent or weak	absent or weak
<input type="checkbox"/> *Fruit: ground colour	yellow green	yellow green
<input type="checkbox"/> *Fruit: relative area of over colour	large	large
<input type="checkbox"/> *Fruit: hue of over colour – with bloom removed	pink red	pink red
<input type="checkbox"/> *Fruit: intensity of over colour	medium to dark	medium to dark
<input checked="" type="checkbox"/> *Fruit: pattern of over colour	solid flush with weakly defined stripes	flushed, striped and mottled
<input type="checkbox"/> *Fruit: width of stripes	very narrow	narrow
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	absent or small	absent or small
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small	absent or small
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	absent or small
<input type="checkbox"/> Fruit: number of lenticels	many	many
<input type="checkbox"/> Fruit: size of lenticels	medium	medium to large
<input type="checkbox"/> *Fruit: length of stalk	short to medium	short to medium
<input type="checkbox"/> *Fruit: thickness of stalk	medium	medium
<input type="checkbox"/> *Fruit: depth of stalk cavity	medium to deep	deep
<input type="checkbox"/> *Fruit: width of stalk cavity	medium	medium
<input type="checkbox"/> *Fruit: depth of eye basin	medium to deep	medium to deep
<input type="checkbox"/> *Fruit: width of eye basin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm to very firm
<input type="checkbox"/> *Fruit: colour of flesh	cream	cream
<input type="checkbox"/> *Fruit: aperture of locules	moderately open	moderately open
<input type="checkbox"/> *Time of: beginning of flowering	medium	early
<input type="checkbox"/> Time for: harvest	late to very late	late to very late
<input type="checkbox"/> *Time of: eating maturity	late to very late	very late

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
New Zealand	1998	Granted	'Lady in Red'
USA	2006	Granted	'Lady in Red'

First sold in New Zealand, August 2007

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

<b>Details of Application</b>		
<b>Application Number</b>	2014/300	
<b>Variety Name</b>	'Ruby Heart'	
<b>Genus Species</b>	<i>Malus domestica</i>	
<b>Common Name</b>	Apple	
<b>Synonym</b>	Rubihart	
<b>Accepted Date</b>	23 Feb 2015	
<b>Applicant</b>	Andrew Egan, Brighton East, VIC	
<b>Agent</b>	Cecilia Egan, Brighton East, VIC	
<b>Qualified Person</b>	Leslie Mitchell	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Shoreham Victoria, Australia	
<b>Descriptor</b>	Apple ( <i>Malus domestica</i> )TG/14/9	
<b>Period</b>	2015-2019	
<b>Conditions</b>	10 trees each of 'Ruby heart' and 'Thompsons Red Crab', grafted onto M26 rootstocks, were planted in adjacent rows in August 2014. The trees were planted on a 2 metre X 5 metre spacing in an area of the property protected by hail/bird netting (30 shading). Trees were maintained following good agricultural practice, but left unpruned and unthinned during the 2018/19 season, to allow the trees to exhibit their true form.	
<b>Trial Design</b>	Large block unreplicated	
<b>Measurements</b>	All measurements completed following TG/14/9	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Open pollination: In March of 2002 a small container of apples labelled as 'Minjon' were purchased by the breeder from Petty's Orchard in Templestowe Victoria. Seeds were collected and planted in the winter of that year at Shoreham Victoria. Trees did not fruit well until 2009, with one seedling exhibiting characteristics of firm red stained flesh and good eating qualities. Cuttings were taken and grafted onto MM 102 rootstocks and planted at the same location. The resultant fruit harvested from these trees in 2013 and 2014 exhibited the same qualities and the variety was designated 'Ruby Heart'. Through this and subsequent vegetative propagations the variety has remained uniform and stable in its defining characteristics. Breeder: Andrew Egan, Brighton East, Vic.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	shape	obloid
Fruit	relative area of over-colour	large to very large
Fruit	hue of over-colour	red to purple red
Fruit	colour of flesh	reddish

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
'Thompsons Red Crab'					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Airlee Red Flesh'	fruit	shape	obloid	conic	
'Beauty of Bath'	fruit	area of russett on the stalk attachment	medium	absent or small	
'Rosette'	fruit	extent of anthocyanin colouration	medium	large to very large	
'Alaska Pink'	skin	colour	red	yellow	
'Almata'	fruit	shape	obloid	round conical	
'Apricot Apple'	fruit	time of eating maturity	medium	late	
'Bellefleur Rekord'	shape	size	medium	large	
'Bill's Red Flesh'	flesh	appearance	marbled red	bright red	
'Blush Rosette'	fruit	time of eating maturity	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	'Ruby Heart'	'Thompsons Red Crab'
<input checked="" type="checkbox"/> Tree: vigour	medium	weak
<input type="checkbox"/> *Tree: type	ramified	ramified
<input checked="" type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	upright	drooping
<input type="checkbox"/> Tree: type of bearing	on spurs only	on spurs and long shoots
<input type="checkbox"/> One-year-old shoot: thickness	medium	medium
<input type="checkbox"/> *One-year-old shoot: length of internode	medium	medium
<input type="checkbox"/> One-year-old shoot: colour on sunny side	reddish brown	reddish brown
<input type="checkbox"/> One-year-old shoot: pubescence	weak	weak
<input type="checkbox"/> *One-year-old shoot: number of lenticels	few	few
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	upwards	outwards

<input type="checkbox"/> *Leaf blade: length	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	serrate type 2
<input type="checkbox"/> Leaf blade: pubescence on lower side	absent or weak	absent or weak
<input type="checkbox"/> *Petiole: length	medium	medium
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	medium	small
<input type="checkbox"/> *Flower: predominant colour at balloon stage	purple	purple
<input type="checkbox"/> *Flower: arrangement of petals	free	free
<input type="checkbox"/> Flower: position of stigmas relative to anthers	above	
<input type="checkbox"/> Young fruit: extent of anthocyanin overcolour	very large	very large
<input type="checkbox"/> *Fruit: size	small to medium	small
<input type="checkbox"/> *Fruit: height	short	short
<input type="checkbox"/> *Fruit: diameter	small	small
<input type="checkbox"/> *Fruit: ratio height/diameter	small	small
<input type="checkbox"/> *Fruit: general shape	obloid	obloid
<input type="checkbox"/> Fruit: ribbing	absent or weak	absent or weak
<input type="checkbox"/> Fruit: crowning at calyx end	absent or weak	absent or weak
<input type="checkbox"/> *Fruit: size of eye	medium to large	medium to large
<input type="checkbox"/> Fruit: length of sepal	long	long
<input checked="" type="checkbox"/> *Fruit: bloom of skin	strong	absent or weak
<input type="checkbox"/> Fruit: greasiness of skin	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Fruit: ground colour	yellow green	not visible
<input type="checkbox"/> *Fruit: relative area of over colour	large	very large
<input type="checkbox"/> *Fruit: hue of over colour with bloom removed	purple red	red
<input type="checkbox"/> *Fruit: intensity of over colour	dark to very dark	dark
<input type="checkbox"/> *Fruit: pattern of over colour	only solid flush	only solid flush
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	absent or small	absent or small
<input checked="" type="checkbox"/> Fruit: area of russet on cheeks	medium	absent or small
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	absent or small
<input type="checkbox"/> Fruit: number of lenticels	few	few
<input type="checkbox"/> Fruit: size of lenticels	very small to small	small
<input type="checkbox"/> *Fruit: length of stalk	very short to short	medium
<input type="checkbox"/> *Fruit: thickness of stalk	medium	medium

<input checked="" type="checkbox"/> *Fruit: depth of stalk cavity	medium	deep
<input checked="" type="checkbox"/> *Fruit: width of stalk cavity	medium	broad
<input checked="" type="checkbox"/> *Fruit: depth of eye basin	shallow	medium
<input type="checkbox"/> *Fruit: width of eye basin	narrow to medium	medium to broad
<input type="checkbox"/> *Fruit: firmness of flesh	medium to firm	medium
<input type="checkbox"/> *Fruit: colour of flesh	reddish	reddish
<input type="checkbox"/> *Fruit: aperture of locules	closed or slightly open	closed or slightly open
<input type="checkbox"/> *Time of: beginning of flowering	medium	medium
<input type="checkbox"/> Time for: harvest	medium	medium
<input type="checkbox"/> *Time of: eating maturity	medium	medium

### Statistical Table

Organ/Plant Part: Context	'Ruby Heart'	'Thompsons Red Crab'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	78.29	70.42
Std. Deviation	11.36	8.97
LSD/sig	2.00	P<0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	47.28	43.88
Std. Deviation	6.91	5.78
LSD/sig	1.37	P<0.01
<input type="checkbox"/> Leaf: length width ratio		
Mean	1.66	1.60
Std. Deviation	0.27	0.20
LSD/sig	0.79	ns
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	24.44	28.85
Std. Deviation	4.33	4.61
LSD/sig	1.55	P<0.01

### Prior Applications and Sales:

Nil

Description: **Leslie Mitchell**, Eurofins Agrosience Services, Shepparton VIC 3630.

<b>Details of Application</b>	
<b>Application Number</b>	2016/310
<b>Variety Name</b>	'Ohalo2'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	
<b>Accepted Date</b>	09 Dec 2016
<b>Applicant</b>	CSIRO, Acton, ACT 2601, Australia
<b>Agent</b>	
<b>Qualified Person</b>	Paul Lonergan
<b>Details of Comparative Trial</b>	
<b>Location</b>	Yanco, N.S.W.
<b>Descriptor</b>	Barley/ <i>Hordeum vulgare</i> TG/19/10
<b>Period</b>	August 2016-December 2016
<b>Conditions</b>	Trial was sown after lupin crop, 105 kg/ha Incitec Pivot Croplift® 15 applied with seed at planting.
<b>Trial Design</b>	Plots arranged in completely randomised design, 5m long and 1.8m wide (10 rows) in 3 replicates. Each replicate contained approximately 1100 plants.
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guide line
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination (crosses carried out in glasshouses of CSIRO Black Mountain, A.C.T.): a biparental and triparental intercrossing scheme was applied to the previously created ultra-low gluten line ULG3.0. Commercial cultivars 'Sloop', 'Baudin' and 'Yagan' were used as parents with the intention of restoring seed weight, seed size and screenings while retaining a hordein tri-null background. The details of the crossing program are described in Tanner et al., 2016 Plant Biotechnology Journal (14) 1139-1150. Three cycles of single-seed descent were followed by 2 years of field selection (Ginninderra Experiment Station, A.C.T.). Breeder: CSIRO, Acton, ACT 2601, Australia	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Season	type	spring
Grain	husk	present
Ear	number of rows	two

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Baudin'	
'Hindmarsh'	
'Sloop'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Yagan'	time of	ear emergence	late	very early	'Yagan' is 14-20 days earlier than Hindmarsh which itself is considered very early to early
'Ohalo'	ear	density	lax	medium	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from the comparators are marked with a tick.</b>				
<b>Organ/Plant Part: Context</b>	<b>'Ohalo2'</b>	<b>'Baudin'</b>	<b>'Hindmarsh'</b>	<b>'Sloop'</b>
<input type="checkbox"/> *Plant: growth habit	erect to semi-erect	erect	erect	erect
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium	strong	medium to strong	weak to medium
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	absent or very low	absent or very low	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	strong	strong	medium to strong
<input type="checkbox"/> *Time of: ear emergence	late	medium to late	very early to early	early to medium

<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak to medium	medium to strong	medium to strong	weak
<input type="checkbox"/> *Ear: glaucosity	weak to medium	medium	very weak to weak	weak
<input type="checkbox"/> Ear: attitude	semi-erect	erect	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> *Plant: length	medium to long	short to medium	short	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two	two
<input type="checkbox"/> Ear: shape	tapering	tapering	parallel	parallel
<input type="checkbox"/> *Ear: density	lax	dense	medium to dense	medium
<input type="checkbox"/> Ear: length	long to very long	medium to long	medium	medium
<input type="checkbox"/> *Awn: length	very long	long	short to medium	medium
<input type="checkbox"/> Rachis: length of first segment	medium	short	short	short
<input type="checkbox"/> Rachis: curvature of first segment	medium to strong	weak	weak	very weak to weak
<input type="checkbox"/> *Sterile spikelet: attitude	divergent	parallel to weakly divergent	parallel to weakly divergent	divergent
<input type="checkbox"/> *Grain: rachilla hair type	short	long	short	short
<input type="checkbox"/> *Grain: husk	present	present	present	present
<input type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	very weak to weak	strong	absent or very weak	very weak to weak
<input type="checkbox"/> *Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/> Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish

<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type
<input type="checkbox"/> D-Hordein composition: allele expression at locus Hor-3	absent	band 34	band 34	band 34
<input type="checkbox"/> C-Hordein composition: allele expression at locus Hor-1	absent	bands 62+65+68	bands 62+65+68	bands 62+65+68
<input type="checkbox"/> B-Hordein composition: allele expression at locus Hor-2	absent	bands 79+86+88+100	bands 79+86+88+100	bands 79+86+88+100

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'Ohalo2'</b>	<b>'Baudin'</b>	<b>'Hindmarsh'</b>	<b>'Sloop'</b>
<input type="checkbox"/> Plant: height (cm)				
Mean	83.87	64.63	55.50	77.20
Std. Deviation	3.81	2.11	3.19	1.97
Lsd/sig	2.00/t0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	94.10	73.10	64.60	64.90
Std. Deviation	7.37	8.29	3.67	3.99
Lsd/sig	4.58/t0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: awn length (mm)				
Mean	121.00	94.50	65.00	76.50
Std. Deviation	7.12	5.47	4.55	6.32
Lsd/sig	4.00/t0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Rachis: length of first segment (mm)				
Mean	3.42	2.80	2.83	2.77
Std. Deviation	0.46	0.36	0.36	0.25
Lsd/sig	0.24/t0.01	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales:**

No prior sale and applications.

Description: **Paul Lonergan**, CSIRO

<b>Details of Application</b>	
<b>Application Number</b>	2016/309
<b>Variety Name</b>	'Ohalo'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	
<b>Accepted Date</b>	03 May 2017
<b>Applicant</b>	CSIRO, Acton, ACT 2601, Australia
<b>Agent</b>	
<b>Qualified Person</b>	Paul Lonergan
<b>Details of Comparative Trial</b>	
<b>Location</b>	Yanco, N.S.W.
<b>Descriptor</b>	TG/19/10
<b>Period</b>	August 2016-December 2016
<b>Conditions</b>	Trial was sown after lupin crop, 105 kg/ha Incitec Pivot Croplift® 15 applied with seed at planting.
<b>Trial Design</b>	Plots arranged in completely randomised design, 5m long and 1.8m wide (10 rows) in 3 replicates. Each replicate contained approximately 1100 plants.
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guide line
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination (crosses carried out in glasshouses of CSIRO Black Mountain, A.C.T.): the high-lysine barley line Riso 56 (does not accumulate B-hordeins) was crossed to Riso, 1508 (does not accumulate C-hordeins) to produce a line that lacked both B and C-hordeins. This line was given the designation ULG 2.0. An Ethiopian-derived landrace, R118, which lacks D hordeins, was back-crossed with Sloop to create a BC2 line that lacked D hordeins. This line was then crossed with ULG 2.0 to create ULG 3.0. The details of the crossing program are described in Tanner et al., 2016 Plant Biotechnology Journal (14) 1139-1150. Three cycles of single-seed descent were followed by 2 years of field selection (Ginninderra Experiment Station, A.C.T.). Breeder: CSIRO, Acton, ACT 2601, Australia.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Season	type	spring
Grain	husk	present
Ear	number of rows	two

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Baudin'	
'Hindmarsh'	
'Sloop'	

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

<b>Organ/Plant Part: Context</b>	<b>'Ohalo'</b>	<b>'Baudin'</b>	<b>'Hindmarsh'</b>	<b>'Sloop'</b>
<input type="checkbox"/> *Plant: growth habit	erect to semi-erect	erect	erect	erect
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium	strong	medium to strong	weak to medium
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	absent or very low	absent or very low	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	strong	strong	medium to strong
<input type="checkbox"/> *Time of: ear emergence	late	medium to late	very early to early	early to medium
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak	medium to strong	medium to strong	weak
<input type="checkbox"/> *Ear: glaucosity	weak to medium	medium	very weak to weak	weak
<input type="checkbox"/> Ear: attitude	semi-erect	erect	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> *Plant: length	long	short to medium	short	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two	two
<input type="checkbox"/> Ear: shape	tapering	tapering	parallel	parallel
<input type="checkbox"/> *Ear: density	medium	dense	medium to dense	medium
<input type="checkbox"/> Ear: length	long to very	medium to	medium	medium

	long	long		
<input type="checkbox"/> *Awn: length	long to very long	long	short to medium	medium
<input type="checkbox"/> Rachis: length of first segment	short	short	short	short
<input type="checkbox"/> Rachis: curvature of first segment	weak	weak	weak	very weak to weak
<input type="checkbox"/> *Sterile spikelet: attitude	divergent	parallel to weakly divergent	parallel to weakly divergent	divergent
<input type="checkbox"/> *Grain: rachilla hair type	long	long	short	short
<input type="checkbox"/> *Grain: husk	present	present	present	present
<input type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	weak to medium	strong	absent or very weak	very weak to weak
<input type="checkbox"/> *Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/> Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish
<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type
<input type="checkbox"/> D-Hordein composition: allele expression at locus Hor-3	absent	band 34	band 34	band 34
<input type="checkbox"/> C-Hordein composition: allele expression at locus Hor-1	absent	bands 62+65+68	bands 62+65+68	bands 62+65+68
<input type="checkbox"/> B-Hordein composition: allele expression at locus Hor-2	absent	bands 79+86+88+100	bands 79+86+88+100	bands 79+86+88+100

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'Ohalo'</b>	<b>'Baudin'</b>	<b>'Hindmarsh'</b>	<b>'Sloop'</b>
<input type="checkbox"/> grain: appearance	shrunken	normal	normal	normal

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'Ohalo'</b>	<b>'Baudin'</b>	<b>'Hindmarsh'</b>	<b>'Sloop'</b>
<input type="checkbox"/> Plant: height (cm)				
Mean	91.53	64.63	55.50	77.20
Std. Deviation	3.79	2.11	3.19	1.97
Lsd/sig	1.94/0.01	P≤0.01	P ≤0.01	P ≤0.01
<input type="checkbox"/> Ear: length (mm)				
Mean	99.80	73.10	64.60	64.90
Std. Deviation	7.59	8.29	3.67	3.99
Lsd/sig	4.36/0.01	P ≤0.01	P ≤0.01	P ≤0.01
<input type="checkbox"/> Ear: awn length (mm)				
Mean	106.50	94.50	65.00	76.50
Std. Deviation	10.43	5.47	4.55	6.32
Lsd/sig	5.12/0.01	P ≤0.01	P ≤0.01	P ≤0.01

**Prior Applications and Sales:**

No prior applications.

First sold in Germany on 24<sup>th</sup> Feb 2016 as 'ULG3.0'

Description: **Paul Lonergan**, CSIRO

<b>Details of Application</b>		
<b>Application Number</b>	2017/318	
<b>Variety Name</b>	'SUNBIDEVB 4'	
<b>Genus Species</b>	<i>Bidens ferulifolia</i>	
<b>Common Name</b>	Bidens	
<b>Accepted Date</b>	20 Dec 2017	
<b>Applicant</b>	Suntory Flowers Limited, Tokyo, Japan	
<b>Agent</b>	Oasis Horticulture Pty Limited, Yellow Rock, NSW	
<b>Qualified Person</b>	Tim Angus	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Yellow Rock, NSW, Australia	
<b>Descriptor</b>	PBR Gen Des	
<b>Period</b>	July 2018 -October 2018	
<b>Conditions</b>	Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.	
<b>Trial Design</b>	Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.	
<b>Measurements</b>	10 plants per variety at random	
<b>RHS Chart - edition</b>	2001	
<b>Origin and Breeding</b>		
<p>The new variety 'SUNBIDEVB 4' developed from a controlled pollination between two unnamed proprietary Bidens selections (the male parent was a seedling from the variety 'Yellow Charm') carried out in December 2008 in Fukaya, Saitama, Japan. The variety was first observed and selected in July 2011, the first propagation (cuttings) also occurred in July 2011; all in Fukaya, Saitama, Japan. Selection was based on growth habit, flower size and flower colour. Since July 2011, many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. Breeder : Kazunori Sato</p>		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	patterned red, yellow and brown tones
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Sunbidevb2'		
'Sunbidevb3'		
'Danyel9'		
'Koibid1346'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Danyel9'	Stem	anthocyanin colouration	medium	absent to weak	
'Danyel9'	Leaf	margin	serrate	entire	
'Koibid1346'	Plant	height	medium	tall	
'Koibid1346'	Stem	anthocyanin colouration	medium	very strong	

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

<b>Organ/Plant Part: Context</b>	<b>'SUNBIDEVB 4'</b>	<b>'Sunbidevb2'</b>	<b>'Sunbidevb3'</b>
<input type="checkbox"/> Plant: height	medium	short to medium	medium
<input type="checkbox"/> Stem: degree of hairiness	absent or low	absent or low	absent or low
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	present
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	medium	very strong	medium
<input type="checkbox"/> Leaf: leaf type	compound	compound	compound
<input type="checkbox"/> Leaf: arrangement	opposite and decussate	opposite and decussate	opposite and decussate
<input type="checkbox"/> Leaf: length of blade	medium to long	medium	medium to long
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input type="checkbox"/> Leaf: depth of incision	deep	deep	deep
<input checked="" type="checkbox"/> Leaf: type of incision	serrate	crenately lobed	crenately lobed
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium	medium
<input type="checkbox"/> Leaf: green colour	medium to dark	dark	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Bract: shape	linear	linear	linear
<input type="checkbox"/> Bract: degree of reflex	straight or low to medium	medium	medium
<input type="checkbox"/> Bract: shape of apex	acute	acute	acute
<input type="checkbox"/> Bract: primary colour (RHS colour chart)	137A	137A	137A
<input type="checkbox"/> Bract: secondary colour (RHS colour chart)	tip 165A margin 164A	tip closest to 165A margin 164A	tip 165A margin 164A
<input type="checkbox"/> Flower: type	single	single	single

<b>Characteristics Additional to the Descriptor/TG</b>			
<b>Organ/Plant Part: Context</b>	<b>‘SUNBIDEVB 4’</b>	<b>‘Sunbidevb2’</b>	<b>‘Sunbidevb3’</b>
☑ Ray floret: Main colour of lower third Upper side newly opened (florets in outer whorl opened)	brighter than 9A with streaks 44A	brighter than 9A	9A with streaks of N34
☑ Ray floret: Main colour of middle third Upper side newly opened (florets in outer whorl opened)	brighter than 9A with 45A in centre	9A with 45A in centre	9A with N34 in centre
☑ Ray floret: Main colour of middle third Lower side newly opened (florets in outer whorl opened)	7A with 44B in centre	N172A-B with smaller 9A	9A with N172A-B in centre
☑ Ray floret: Main colour of upper third Lower side newly opened (florets in outer whorl opened)	7A	N172A-B	9A with N172A-B in centre
☑ Ray floret: Main colour of lower third Upper side fully opened	9A	9A	12A with streaks of N172A-B
☑ Ray floret: Main colour of middle third Upper side fully opened	9A with 44A in centre	9A with 44A-B in centre	12A with N172A-B in centre
☑ Ray floret: Main colour of upper third Upper side fully opened	9A with 44A-B in centre and streaks of 44A towards tip	44A-B	12A with N172A-B in centre
☑ Ray floret: Main colour of lower third Lower side fully opened	7A	9A	9A with streaks N172A
☑ Ray floret: Main colour of upper third Upper side newly opened (florets in outer whorl opened)	brighter than 9A with 45A in centre	45A	9A with N34 in centre
☑ Ray floret: Main colour of lower third Lower side newly opened (florets in outer whorl opened)	7A with streaks 44B	9A with N172A-B	9A with streaks N172A-B
☑ Ray floret: Main colour middle third Lower side fully opened	7A with N172B tones	9A to N172B-C	9A with N172B-C
☑ Ray floret: Main colour upper third Lower side fully opened	7A with N172B	N172B-C	9A with N172B-C

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2015	granted	‘SUNBIDEVB 4’
EU	2015	granted	‘SUNBIDEVB 4’

First sold in the USA, October 2015

Description: **Tim Angus**, Lower Hutt, Wellington NZ

<b>Details of Application</b>	
<b>Application Number</b>	2017/317
<b>Variety Name</b>	'SUNBIDEVB 3'
<b>Genus Species</b>	<i>Bidens ferulifolia</i>
<b>Common Name</b>	Bidens
<b>Accepted Date</b>	20 Dec 2017
<b>Applicant</b>	Suntory Flowers Limited, Tokyo, Japan
<b>Agent</b>	Oasis Horticulture Pty Limited, Yellow Rock, NSW
<b>Qualified Person</b>	Tim Angus

**Details of Comparative Trial**

<b>Location</b>	Yellow Rock, NSW, Australia
<b>Descriptor</b>	PBR Gen Des
<b>Period</b>	July 2018 - October 2018
<b>Conditions</b>	Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.
<b>Trial Design</b>	Plants grown in separate blocks side by side
<b>Measurements</b>	10 plants per variety at random
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

The new variety 'SUNBIDEVB 3' developed from a controlled pollination between two unnamed proprietary Bidens selections (the male parent was a seedling from the variety 'Yellow Charm') carried out in December 2008 in Fukaya, Saitama, Japan. The variety was first observed and selected in July 2011, the first propagation (cuttings) also occurred in July 2011; all in Fukaya, Saitama, Japan. Selection was based on growth habit, flower size and flower colour. Since July 2011, many generations of vegetative propagation, more than 10, has shown the new variety to be uniform and stable. Breeder: Kazunori Sato

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	patterned red, yellow and brown tones

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

<b>Name</b>	<b>Comments</b>
'Sunbidevb2'	
'Danyel9'	
'Koibid1346'	

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

<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Danyel9'	Stem	anthocyanin	medium	absent to weak	

		colouration			
'Danyel9'	Leaf	margin	serrated	entire	
'Koibid1346'	Plant	height	medium	tall	
'Koibid1346'	Stem	anthocyanin colouration	medium	very strong	

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

<b>Organ/Plant Part: Context</b>	<b>'SUNBIDEVB 3'</b>	<b>'Sunbidevb2'</b>
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Stem: degree of hairiness	absent or low	absent or low
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	medium	very strong
<input type="checkbox"/> Leaf: leaf type	compound	compound
<input type="checkbox"/> Leaf: arrangement	opposite and decussate	opposite and decussate
<input type="checkbox"/> Leaf: length of blade	medium to long	medium
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	deep	deep
<input checked="" type="checkbox"/> Leaf: type of incision	serrate	crenately lobed
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: green colour	medium to dark	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Bract: shape	linear	linear
<input type="checkbox"/> Bract: degree of reflex	straight or low to medium	medium
<input type="checkbox"/> Bract: shape of apex	acute	acute
<input type="checkbox"/> Bract: primary colour (RHS colour chart)	137A	137A
<input type="checkbox"/> Bract: secondary colour (RHS colour chart)	tip 165A margin 164A	tip closest to 165A margin 164A
<input type="checkbox"/> Flower: type	single	single

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'SUNBIDEVB 3'</b>	<b>'Sunbidevb2'</b>
<input type="checkbox"/> Plant: growth habit	bushy to spreading	
<input type="checkbox"/> Leaf: shape	trifoliate	
<input checked="" type="checkbox"/> Ray floret: Main colour of lower third Upper side newly	9A with streaks of N34	brighter than 9A

opened (florets in outer whorl opened)		
<input checked="" type="checkbox"/> Ray floret: Main colour of middle third Upper side newly opened (florets in outer whorl opened)	9A with N34 in centre	9A with 45A in centre
<input type="checkbox"/> Ray floret: Main colour of middle third Lower side newly opened (florets in outer whorl opened)	9A with N172A-B in centre	N172A-B with smaller 9A
<input checked="" type="checkbox"/> Ray floret: Main colour of upper third Lower side newly opened (florets in outer whorl opened)	9A with N172A-B in centre	N172A-B
<input checked="" type="checkbox"/> Ray floret: Main colour of lower third Upper side fully opened	12A with streaks of N172A-B	9A
<input checked="" type="checkbox"/> Ray floret: Main colour of middle third Upper side fully opened	12A with N172A-B in centre	9A with 44A-B in centre
<input checked="" type="checkbox"/> Ray floret: Main colour of upper third Upper side fully opened	12A with N172A-B in centre	44A-B
<input checked="" type="checkbox"/> Ray floret: Main colour of lower third Lower side fully opened	9A with streaks N172A	9A
<input checked="" type="checkbox"/> Ray floret: Main colour of upper third Upper side newly opened (florets in outer whorl opened)	9A with N34 in centre	45A
<input type="checkbox"/> Ray floret: Main colour of lower third Lower side newly opened (florets in outer whorl opened)	9A with streaks N172A-B	9A with N172A-B
<input type="checkbox"/> Ray floret: Main colour middle third Lower side fully opened	9A with N172B-C	9A to N172B-C
<input checked="" type="checkbox"/> Ray floret: Main colour upper third Lower side fully opened	9A with N172B-C	N172B-C

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2015	granted	'SUNDBIDVB 3'
Japan	2016	pending	'SUNDBIDVB 3'

First sold in the USA, October 2015

Description: **Tim Angus**, Lower Hutt, Wellington NZ.

<b>Details of Application</b>		
<b>Application Number</b>	2015/353	
<b>Variety Name</b>	'Ventura'	
<b>Genus Species</b>	<i>Vaccinium corymbosum</i>	
<b>Common Name</b>	Blueberry	
<b>Synonym</b>	N/A	
<b>Accepted Date</b>	19 Jan 2016	
<b>Applicant</b>	Fall Creek Farm & Nursery Inc, Oregon, USA	
<b>Agent</b>	A J Park, Canberra, ACT	
<b>Qualified Person</b>	Cath Snelling	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	CPVO	
<b>Overseas Data Reference Number</b>	2012/0855	
<b>Location</b>	NECE-ESCARPOUPIM, Lisbon, Portugal	
<b>Descriptor</b>	TG/137/4	
<b>Period</b>	2013 - 2016	
<b>Conditions</b>	Grown under outdoor conditions	
<b>Trial Design</b>	Plants of the candidate were observed alongside representative plants of comparator and reference varieties	
<b>Measurements</b>	Observations taken from a minimum of 5 plants or parts taken from each of 5 plants	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled pollination: FF-89 was selected from amongst a population of seedlings derived from crossing FL00-60 (seed parent) and FL96-24 (pollen parent) in the Northern Hemisphere summer of 2006 at Fall Creek Farm & Nurseries in Lowell, Oregon. Replicated trials were planted in 2007 and the new variety was given the denomination 'Ventura'. Breeder: Fall Creek Farm & Nursery Inc, Oregon, USA.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	skin colour	dark blue
Plant	time of beginning of ripening on one-year-old shoot	early
Plant	fruiting type	one year old and current season's shoots
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Rocio'		
'Southmoon'		
'Springhigh'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'FL92-84'	Plant	Time of beginning of fruit ripening	medium	early	

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

<b>Organ/Plant Part: Context</b>	<b>'Ventura'</b>	<b>'Rocio'</b>	<b>'Southmoon'</b>	<b>'Springhigh'</b>
<input checked="" type="checkbox"/> *Plant: vigour	strong	medium	medium	medium
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright	upright	
<input type="checkbox"/> One-year-old shoot: colour	reddish brown			
<input type="checkbox"/> One-year-old shoot: length of internode	medium			
<input type="checkbox"/> *Leaf: length	short	very short	medium	
<input type="checkbox"/> Leaf: width	medium	narrow	narrow	
<input type="checkbox"/> Leaf: ratio length/width	small			
<input type="checkbox"/> *Leaf: shape	elliptic			
<input type="checkbox"/> Leaf: colour of upper side	green			
<input type="checkbox"/> *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium			
<input type="checkbox"/> *Leaf: margin	entire			
<input type="checkbox"/> Flower bud: anthocyanin colouration	weak		strong	medium
<input type="checkbox"/> Inflorescence: length	medium		long	
<input type="checkbox"/> Flower: shape of corolla	urceolate			
<input checked="" type="checkbox"/> *Flower: size of corolla tube	large	medium	medium	medium
<input type="checkbox"/> *Flower: anthocyanin colouration of corolla tube	weak			
<input type="checkbox"/> Flower: ridges on corolla tube	present			
<input type="checkbox"/> Fruit cluster: density	sparse			
<input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour	light	medium	dark	medium
<input type="checkbox"/> *Fruit: size	large			
<input type="checkbox"/> *Fruit: shape in longitudinal section	oblate			

<input type="checkbox"/> Fruit: attitude of sepals	semi-erect		erect to semi-erect	
<input type="checkbox"/> Fruit: type of sepals	incurving			
<input type="checkbox"/> Fruit: diameter of calyx basin	large			
<input checked="" type="checkbox"/> Fruit: depth of calyx basin	deep	shallow	shallow	shallow
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	strong	medium	medium	
<input type="checkbox"/> *Fruit: colour of skin	dark blue			
<input type="checkbox"/> Fruit: firmness	medium	soft		
<input type="checkbox"/> *Fruit: sweetness	medium			
<input checked="" type="checkbox"/> *Fruit: acidity	medium	low	low	low
<input type="checkbox"/> *Plant: fruiting type	on one-year-old and current season's shoots			
<input type="checkbox"/> *Time of: vegetative bud burst	early			
<input type="checkbox"/> *Time of: beginning of flowering on one-year-old shoot	early			
<input type="checkbox"/> *Time of: beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only)	early			
<input type="checkbox"/> *Time of: beginning of fruit ripening on one-year-old shoot	early			
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's shoot (varieties which fruit on one-year-old and current season's shoots)	early			

**Prior Applications and Sales:**

Country	Year	Status	Name Applied
USA	2012	Granted	'Ventura'
Peru	2012	Applied	'Ventura'
EU	2012	Granted	'Ventura'
Chile	2012	Granted	'Ventura'
Mexico	2012	Granted	'Ventura'

First sold in Spain in May 2012

Description: **Cath Snelling**, Christchurch, NZ.

<b>Details of Application</b>	
<b>Application Number</b>	2015/018
<b>Variety Name</b>	'Nuabtang'
<b>Genus Species</b>	<i>Abutilon</i> hybrid
<b>Common Name</b>	Chinese lantern
<b>Synonym</b>	
<b>Accepted Date</b>	24 Feb 2015
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564, Australia
<b>Agent</b>	Touch of Class Planrs Pty Ltd, Tynong, Vic 3813
<b>Qualified Person</b>	Mark Lunghusen
<b>Details of Comparative Trial</b>	
<b>Location</b>	Tynong Vic
<b>Descriptor</b>	Abutilon PBR
<b>Period</b>	Summer to Winter 2018
<b>Conditions</b>	Plants were grown in commercial pinebark media with controlled release fertiliser in 15cm pots grown on wire benches with drip irrigation in a plastic covered house with roll up sides opened as necessary.
<b>Trial Design</b>	10 plants in block design
<b>Measurements</b>	Measurements were taken in the metric system
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
Controlled pollination followed by seedling selection: Controlled pollination was done in December 2004 between the male parent, in house breeding variety code named x03.17.5 and the female parent code named x03.17.2 The seed was collected and sown in February 2005. Nuabtang was selected in December 2006 based on plant branching, floriferousness, flower colour and flowering period. Breeder: Graham Brown, Macquarie Fields NSW.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	orange
Flowering	habit	flowering: perpetual
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
<i>Abutilon fraseri</i>		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
<b>Variety</b>	<b>Distinguishing</b>	<b>State of Expression</b>	<b>State of</b>	<b>Comments</b>

	Characteristics		in Candidate Variety	Expression in Comparator Variety	
'Bella Apricot'	Flower	colour	orange	apricot	This variety is propagated by seed and is variable
'Cannington Coral'	Plant	height	very short	tall	
'Orange King'	Plant	height	very short	tall	
'Marion'	Plant	height	very short	tall	
'Patrick Synge'	Plant	height	very short	tall	
'Apricot Belle'	Plant	height	very short	medium to 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	'Nuabtang'	<i>Abutilon fraseri</i>
<input type="checkbox"/> Plant: growth habit	semi-upright	upright
<input checked="" type="checkbox"/> Plant: height	very short to short	medium
<input type="checkbox"/> Stem: colour	brownish green	brownish green
<input type="checkbox"/> Stem: pubescence	absent or very low	absent or very low
<input type="checkbox"/> Leaf: number of lobes	three	three
<input checked="" type="checkbox"/> Leaf: depth of lobation	shallow	deep
<input type="checkbox"/> Leaf: serration	present	present
<input checked="" type="checkbox"/> Leaf: length	very short	long
<input checked="" type="checkbox"/> Leaf: width	narrow	medium
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: color of upper side	green	green
<input type="checkbox"/> Leaf: color of lower side	light green	light green
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: glossiness	weak	weak
<input type="checkbox"/> Leaf: pubescence of upper side	few	few
<input type="checkbox"/> Leaf: pubescence of lower side	few	few
<input checked="" type="checkbox"/> Petiole : length	short	medium
<input checked="" type="checkbox"/> Petiole: colour	green	purplish brown
<input type="checkbox"/> Flower: diameter	medium	medium
<input type="checkbox"/> Flower: spread	medium	medium

<input type="checkbox"/> Petal: color of outer side	rhs colour chart	rhs colour chart
<input type="checkbox"/> Petal: variegation of outer side	absent	absent
<input type="checkbox"/> Petal: prominence of vein of outer side	prominant	prominant
<input type="checkbox"/> Petal: color of vein of outer side	rhs colour chart	rhs colour chart
<input type="checkbox"/> Petal: color of inner side	rhs colour chart	rhs colour chart
<input type="checkbox"/> Petal: variegation of inner side	absent	absent
<input type="checkbox"/> Petal: color of vein of inner side	rhs colour chart	rhs colour chart
<input type="checkbox"/> Petal: prominence of vein of inner side	prominant	prominant
<input checked="" type="checkbox"/> Petal: length	short	medium
<input checked="" type="checkbox"/> Petal: width	narrow	medium
<input type="checkbox"/> Petal : shape	obovate	obovate
<input type="checkbox"/> Petal: number	five	five
<input checked="" type="checkbox"/> Calyx: length	short	long
<input type="checkbox"/> Calyx: colour	yellowish green	yellowish green
<input type="checkbox"/> Calyx: pubescence of upper side	few	few
<input checked="" type="checkbox"/> Peduncle: length	short	medium
<input type="checkbox"/> Peduncle: color	green	green
<input type="checkbox"/> Pistil: length	medium	medium
<input type="checkbox"/> Pollen: colour	yellowish orange	yellowish orange
<input checked="" type="checkbox"/> Stamen: colour	greenish yellow	red
<input checked="" type="checkbox"/> Stigma: colour	reddish purple	red
<input type="checkbox"/> Stigma: position against anthers	above	above
<input type="checkbox"/> Flowering: habit	flowering: perpetual	flowering: perpetual

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Nuabtang'</b>	<b>Abutilon 'fraseri'</b>
<input type="checkbox"/> Petal: colour of vein of outer side	orange-red 34c	orange-red 34b
<input type="checkbox"/> Petal: colour of inner side	orange-red 34c	orange-red 32c
<input checked="" type="checkbox"/> Petal: colour of vein inner side	orange-red 34c	red 46b
<input type="checkbox"/> Petal: colour of outer side	orange-red 34c	orange-red 34b

**Prior Applications and Sales:**

First sold in USA on 7<sup>th</sup> March 2011

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
New Zealand	2012	pendin	'Nuabtang '
USA	2010	granted	'Nuabtang '

Description: **Mark Lunghusen**, Australian Horticultural Services, Wonga Park Vic 3115

<b>Details of Application</b>	
<b>Application Number</b>	2015/017
<b>Variety Name</b>	'Nuabred'
<b>Genus Species</b>	<i>Abutilon</i> hybrid
<b>Common Name</b>	Chinese lantern
<b>Synonym</b>	
<b>Accepted Date</b>	23 Feb 2015
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564, Australia
<b>Agent</b>	Touch of Class Planrs Pty Ltd, Tynong, Vic 3813
<b>Qualified Person</b>	Mark Lunghusen
<b>Details of Comparative Trial</b>	
<b>Location</b>	Tynong, Vic 3813
<b>Descriptor</b>	Abutilon PBR
<b>Period</b>	Summer to Winter 2018
<b>Conditions</b>	Plants were grown in commercial pinebark media with controlled release fertiliser in 15cm pots grown on wire benches with drip irrigation in a plastic covered house with roll up sides opened as necessary.
<b>Trial Design</b>	10 Plants in Block design
<b>Measurements</b>	Measurements were taken in the metric system
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
Controlled pollination followed by seedling selection: Controlled pollination was done in October 2006 between the male parent, in house breeding variety code named x05.1 and the female parent code named x05.5. The seed was collected and sown in January 2007. Nuabred was selected in December 2007 based on plant branching, floriferousness, flower colour and flowering period. Breeder Graham Brown, Macquarie Fields NSW.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	red
Plant	growth habit	upright
Flower	diameter	medium
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Passion'		
'Casey red'		
'Rosaefflorum'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
Abutilon 'Nabob'	plant	height	short	very tall	
Abutilon 'Bella red'	plant	propagation method	vegetative	seed	Bella red is variable from seed

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

<b>Organ/Plant Part: Context</b>	<b>'Nuabred'</b>	<b>'Casey red'</b>	<b>'Passion'</b>	<b>'Rosaefflorum'</b>
<input type="checkbox"/> Plant: growth habit	upright	upright	upright	upright
<input checked="" type="checkbox"/> Plant: height	short	tall	very short	tall
<input checked="" type="checkbox"/> Stem: colour	green	light green	green	purplish brown
<input type="checkbox"/> Stem: pubescence	few	absent or very low	few	absent or very low
<input type="checkbox"/> Leaf: number of lobes	three	three	three	three
<input type="checkbox"/> Leaf: depth of lobation	shallow	shallow	shallow	deep
<input type="checkbox"/> Leaf: serration	present	present	present	present
<input checked="" type="checkbox"/> Leaf: length	short	long	very short	long
<input checked="" type="checkbox"/> Leaf: width	narrow	broad	narrow	broad
<input type="checkbox"/> Leaf: thickness	medium	medium	medium	medium
<input type="checkbox"/> Leaf: color of upper side	green	green	green	green
<input checked="" type="checkbox"/> Leaf: color of lower side	light green	light yellowish green	green	dark green
<input type="checkbox"/> Leaf: variegation	absent	absent	absent	absent
<input type="checkbox"/> Leaf: glossiness	weak	weak	weak	weak
<input type="checkbox"/> Leaf: pubescence of upper side	few	few	few	few
<input type="checkbox"/> Leaf: pubescence of lower side	few	few	few	few
<input checked="" type="checkbox"/> Petiole : length	short	medium	short	short
<input checked="" type="checkbox"/> Petiole: colour	purplish brown	light green	purplish brown	purplish brown
<input type="checkbox"/> Flower: diameter	medium	medium	medium	medium
<input type="checkbox"/> Flower: spread	medium	medium	medium	medium
<input type="checkbox"/> Petal: variegation of outer	absent	absent	absent	absent

side				
<input type="checkbox"/> Petal: prominence of vein of outer side	prominant	prominant	prominant	prominant
<input type="checkbox"/> Petal: variegation of inner side	absent	absent	absent	absent
<input type="checkbox"/> Petal: prominence of vein of inner side	prominant	prominant	prominant	prominant
<input type="checkbox"/> Petal: length	short	short	short	short
<input type="checkbox"/> Petal: width	medium	narrow	medium	medium
<input type="checkbox"/> Petal : shape	obovate	obovate	obovate	obovate
<input type="checkbox"/> Petal: number	five	five	five	five
<input type="checkbox"/> Calyx: length	medium	medium	short	medium
<input checked="" type="checkbox"/> Calyx: colour	light green and purple	light green	yellowish green	light green and purple
<input type="checkbox"/> Calyx: pubescence of upper side	few	few	few	few
<input checked="" type="checkbox"/> Peduncle: length	medium	medium	short	long
<input type="checkbox"/> Peduncle: color	green	light green	light green	brownish green
<input type="checkbox"/> Pistil: length	medium	medium	medium	medium
<input type="checkbox"/> Pollen: colour	yellowish orange	orange	yellowish orange	yellow
<input checked="" type="checkbox"/> Stamen: colour	reddish yellow	yellow	yellow	reddish yellow
<input checked="" type="checkbox"/> Stigma: colour	red	greenish yellow	greenish yellow	reddish purple
<input type="checkbox"/> Stigma: position against anthers	above	below	above	above
<input type="checkbox"/> Flowering: habit	flowering: perpetual	flowering: perpetual	flowering: perpetual	flowering: perpetual

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'Nuabred'</b>	<b>'Casey red'</b>	<b>'Passion'</b>	<b>'Rosaefflorum'</b>
<input checked="" type="checkbox"/> Petal: colour of vein of outer side	red 46a	red 53a	red 53b	red 52b
<input checked="" type="checkbox"/> Petal: colour of inner side	red 46a	red 53a	red 53b	red 52b
<input checked="" type="checkbox"/> Petal: colour of vein inner side	red 46a	red 53a	red 53b	red 53c
<input checked="" type="checkbox"/> Petal: colour of outer side	red 46a	red 53a	red 53b	red 52b

**Prior Applications and Sales:**

First sold in USA on 17<sup>th</sup> February 2012

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
New Zealand	2012	pending	'Nuabred '
USA	2012	pending	'Nuabred '

Description: **Mark Lunghusen**, Australian Horticultural Services, Wonga Park Vic 3115

<b>Details of Application</b>	
<b>Application Number</b>	2015/016
<b>Variety Name</b>	'LuckyLanternYellow'
<b>Genus Species</b>	<i>Abutilon</i> hybrid
<b>Common Name</b>	Chinese lantern
<b>Synonym</b>	
<b>Accepted Date</b>	03 Dec 2015
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564, Australia
<b>Agent</b>	Touch of Class Planrs Pty Ltd, Tynong, Vic 3813
<b>Qualified Person</b>	Mark Lunghusen
<b>Details of Comparative Trial</b>	
<b>Location</b>	Tynong Vic
<b>Descriptor</b>	PBR Abutilon
<b>Period</b>	Summer to Winter 2018
<b>Conditions</b>	Plants were grown in commercial pinebark media with controlled release fertiliser in 15cm pots grown on wire benches with drip irrigation in a plastic covered house with roll up sides opened as necessary.
<b>Trial Design</b>	10 Plants in block design
<b>Measurements</b>	Measurements were taken in the metric system.
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
Controlled pollination followed by seedling selection: Controlled pollination was done in December 2004 between the male parent, in house breeding variety code named x03.23.1 and the female parent code named x03.2.4 The seed was collected and sown in February 2005. Lucky Lantern Yellow was selected in December 2006 based on plant branching, floriferousness, flower colour and flowering period. Breeder: Graham Brown, Macquarie Fields NSW.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	yellow
Plant	height	short to medium
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Sydney Belle'	Compact, yellow flowered variety	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator</b>	<b>Comments</b>

				Variety	
'Canary Bird'	Plant	height	short to medium	medium to tall	
'Cynthia Pyke'	Plant	height	short to medium	tall	
'Golden Fleece'	Plant	height	short to medium	tall	
'Kentish Belle'	Plant	height	short to medium	tall	
'Lemon Queen'	Plant	height	short to medium	tall	
'Bella Yellow'	Plant	Height	Short	Very short	'Bella Yellow' is a seed grown variety that can be variable

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'LuckyLanternYellow'</b>	<b>'Sydney Belle'</b>
<input type="checkbox"/> Plant: growth habit	upright	semi-upright
<input type="checkbox"/> plant: height	short to medium	medium
<input type="checkbox"/> Stem: colour	purplish brown	purplish brown
<input type="checkbox"/> stem: pubescence	absent or very low	absent or very low
<input type="checkbox"/> leaf: number of lobes	three	three
<input type="checkbox"/> leaf: depth of lobation	shallow	medium
<input type="checkbox"/> Leaf: serration	present	present
<input type="checkbox"/> leaf: length	short	long
<input type="checkbox"/> leaf: width	narrow	broad
<input type="checkbox"/> leaf: thickness	medium	medium
<input type="checkbox"/> leaf: color of upper side	green	green
<input type="checkbox"/> leaf: color of lower side	light green	light green
<input type="checkbox"/> leaf: variegation	absent	absent
<input type="checkbox"/> leaf: glossiness	weak	weak
<input type="checkbox"/> leaf: pubescence of upper side	few	few
<input type="checkbox"/> leaf: pubescence of lower side	few	few
<input type="checkbox"/> petiole : length	short	medium
<input type="checkbox"/> petiole: colour	purplish brown	purplish brown
<input type="checkbox"/> flower: diameter	small	medium

<input type="checkbox"/> flower: spread	small	medium
<input type="checkbox"/> petal: variegation of outer side	absent	absent
<input type="checkbox"/> Petal: prominence of vein of outer side	Prominant	Prominant
<input type="checkbox"/> Petal: variegation of inner side	absent	absent
<input type="checkbox"/> Petal: prominence of vein of inner side	prominant	prominant
<input type="checkbox"/> petal: length	short	medium
<input type="checkbox"/> petal: width	narrow	medium
<input type="checkbox"/> petal : shape	obovate	obovate
<input type="checkbox"/> petal: number	five	five
<input type="checkbox"/> Calyx: length	short	long
<input type="checkbox"/> calyx: colour	yellowish green	light green
<input type="checkbox"/> calyx: pubescence of upper side	few	few
<input type="checkbox"/> Peduncle: length	short	medium
<input type="checkbox"/> Peduncle: color	light green	light green
<input type="checkbox"/> pistil: length	medium	long
<input type="checkbox"/> pollen: colour	yellowish orange	yellowish orange
<input type="checkbox"/> stamen: colour	yellow	yellow
<input type="checkbox"/> stigma: colour	other	other
<input type="checkbox"/> Stigma: position against anthers	above	above
<input type="checkbox"/> flowering: habit	Flowering: perpetual	Flowering: perpetual

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'LuckyLanternYellow'</b>	<b>'Sydney Belle'</b>
<input type="checkbox"/> Petal: colour of vein inner side	15D	15D
<input type="checkbox"/> Petal: colour of outer side	15D	15D
<input type="checkbox"/> Petal: colour of vein of outer side	15D	15D
<input type="checkbox"/> Petal: colour of inner side	15D	15D

**Prior Applications and Sales:**

First sold in Australia on 17<sup>th</sup> February 2014 and in USA on 7<sup>th</sup> March 2011.

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
New Zealand	2012	Applied	'LuckyLanternYellow'

Description: **Mark Lunghusen**, Australian Horticultural Services, Wonga Park Vic 3115

<b>Details of Application</b>	
<b>Application Number</b>	2015/106
<b>Variety Name</b>	'Passion'
<b>Genus Species</b>	<i>Abutilon</i> hybrid
<b>Common Name</b>	Chinese lantern
<b>Synonym</b>	
<b>Accepted Date</b>	11 Jun 2015
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW 2564, Australia
<b>Agent</b>	Touch of Class Planrs Pty Ltd, Tynong, Vic 3813
<b>Qualified Person</b>	Mark Lunghusen
<b>Details of Comparative Trial</b>	
<b>Location</b>	Tynong Vic
<b>Descriptor</b>	Abutilon PBR
<b>Period</b>	Summer to Winter 2018
<b>Conditions</b>	Plants were grown in commercial pinebark media with controlled release fertiliser in 15cm pots grown on wire benches with drip irrigation in a plastic covered house with roll up sides opened as necessary.
<b>Trial Design</b>	10 plants in block design
<b>Measurements</b>	Measurements were taken in the metric system
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
Controlled pollination followed by seedling selection: Controlled pollination was done in January 2008 between the male parent, in house breeding variety code named x05.1.2 and the female parent code named x05.1.1 The seed was collected and sown in April 2008. Passion was selected based on plant branching, floriferousness, flower colour and flowering period. Breeder Graham Brown, Macquarie Fields NSW.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
Abutilon 'Rosaefflora'		
Abutilon 'Nuabred'		
Abutilon 'Casey red'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Flower	Colour			
'Bella Apricot'			Orange	Light red	Bella Apricot is a seed grown variety that can be variable.

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>					
Organ/Plant Part: Context	'Passion'	Abutilon 'Casey red'	Abutilon 'Nuabred'	Abutilon 'Rosae flora'	
<input type="checkbox"/> Plant: growth habit	upright	upright	upright	upright	
<input checked="" type="checkbox"/> Plant: height	very short	tall	short	tall	
<input checked="" type="checkbox"/> Stem: colour	green	light green	green	purplish brown	
<input type="checkbox"/> Stem: pubescence	few	absent or very low	few	absent or very low	
<input type="checkbox"/> Leaf: number of lobes	three	three	three	three	
<input checked="" type="checkbox"/> Leaf: depth of lobation	shallow	shallow	shallow	deep	
<input type="checkbox"/> Leaf: serration	present	present	present	present	
<input checked="" type="checkbox"/> Leaf: length	very short	long	short	long	
<input checked="" type="checkbox"/> Leaf: width	narrow	broad	narrow	broad	
<input type="checkbox"/> Leaf: thickness	medium	medium	medium	medium	
<input checked="" type="checkbox"/> Leaf: color of upper side	dark green	green	other	green	
<input checked="" type="checkbox"/> Leaf: color of lower side	green	light yellowish green	green	dark green	
<input type="checkbox"/> Leaf: variegation	absent	absent	absent	absent	
<input type="checkbox"/> Leaf: glossiness	weak	weak	weak	weak	
<input type="checkbox"/> Leaf: pubescence of upper side	few	few	few	few	
<input type="checkbox"/> Leaf: pubescence of lower side	few	few	few	few	
<input checked="" type="checkbox"/> Petiole : length	short	medium	short	short	
<input checked="" type="checkbox"/> Petiole: colour	green	light green	other	purplish brown	
<input type="checkbox"/> Flower: diameter	medium	medium	medium	medium	
<input type="checkbox"/> Flower: spread	medium	medium	medium	medium	
<input type="checkbox"/> Petal: variegation of outer side	absent	absent	absent	absent	

<input type="checkbox"/> Petal: prominence of vein of outer side	prominent	prominent	prominent	prominent
<input type="checkbox"/> Petal: variegation of inner side	absent	absent	absent	absent
<input type="checkbox"/> Petal: prominence of vein of inner side	prominent	prominent	prominent	prominent
<input type="checkbox"/> Petal: length	short	short	short	short
<input checked="" type="checkbox"/> Petal: width	medium	narrow	medium	medium
<input type="checkbox"/> Petal : shape	obovate	obovate	obovate	obovate
<input type="checkbox"/> Petal: number	five	five	five	five
<input checked="" type="checkbox"/> Calyx: length	short	medium	medium	medium
<input checked="" type="checkbox"/> Calyx: colour	yellowish green	light green	light green and purple	light green and purple
<input type="checkbox"/> Calyx: pubescence of upper side	few	few	few	few
<input checked="" type="checkbox"/> Peduncle: length	short	medium	medium	long
<input type="checkbox"/> Peduncle: color	light green	light green	green	brownish green
<input type="checkbox"/> Pistil: length	medium	medium	medium	medium
<input checked="" type="checkbox"/> Pollen: colour	yellowish orange	orange	yellowish orange	yellow
<input checked="" type="checkbox"/> Stamen: colour	yellow	yellow	reddish yellow	reddish yellow
<input checked="" type="checkbox"/> Stigma: colour	greenish yellow	greenish yellow	red	reddish purple
<input checked="" type="checkbox"/> Stigma: position against anthers	above	below	above	above
<input type="checkbox"/> Flowering: habit	flowering: perpetual	flowering: perpetual	flowering: perpetual	flowering: perpetual

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>Passion</b>	<b>Abutilon Casey red</b>	<b>Abutilon Nuabred</b>	<b>Abutilon rosaeflora</b>
<input checked="" type="checkbox"/> Petal: colour of vein of outer side	53B	53A	46A	52B
<input checked="" type="checkbox"/> Petal: colour of inner side	53B	53A	46A	52B
<input checked="" type="checkbox"/> Petal: colour of vein inner side	53B	53A	46A	53C
<input checked="" type="checkbox"/> Petal: colour of outer side	53B	53A	46A	52B

**Prior Applications and Sales:**

No prior applications.

First sold in Australia on 2<sup>nd</sup> June 2014

Description: **Mark Lunghusen**, Australian Horticultural Services, Wonga Park Vic 3115

<b>Details of Application</b>	
<b>Application Number</b>	2018/182
<b>Variety Name</b>	'EQLIPSE'
<b>Genus Species</b>	<i>Cucumis sativus</i>
<b>Common Name</b>	Cucumber
<b>Synonym</b>	N/A
<b>Accepted Date</b>	
<b>Applicant</b>	Nunhems B.V., Nunhems , the Netherlands
<b>Agent</b>	Shelston IP Pty Ltd, Sydney, NSW
<b>Qualified Person</b>	John Oates
<b>Details of Comparative Trial</b>	
<b>Location</b>	Virginia, South Australia
<b>Descriptor</b>	TG/61/7 Rev. 2 Corr
<b>Period</b>	Winter 2018
<b>Conditions</b>	In-ground, drip irrigated, under plastic roof
<b>Trial Design</b>	Triple replicated sowings of 20 plants in rows in a commercial growing setting
<b>Measurements</b>	As per UPOV Technical Guidelines in metric system
<b>RHS Chart - edition</b>	6th Edition 2015
<b>Origin and Breeding</b>	
Controlled pollination: Two double haploid lines were first crossed in 2013 in Antayla, Turkey. The candidate, named 'Eclipse' was selected after three cycles of selection and is maintained through cross pollination of the two double haploid parental lines 'HW8657' and 'HW7012'. Both parent lines originated from the Nunhems genepool. Selection criteria: Yield, plant form and cold tolerance. Evaluation has taken place under local Turkish conditions for the DHs HW8657 and HW7012. Breeder: Nunhems B.V. Napoleonsweg 152, Nunhem, The Netherlands	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	sex expression	gynoecious
Ovary	colour of vestiture	white
Parthenocarpy	present/absent	present
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Mascot'		
'Termessos'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Termessos'	Fruit	ribs	medium	weak	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'ECLIPSE'</b>	<b>'Mascot'</b>
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate
<input checked="" type="checkbox"/> Plant: vigour	strong	medium
<input checked="" type="checkbox"/> Plant: total length of first 15 internodes	long	medium
<input type="checkbox"/> Leaf: size of blade	large	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: blistering	weak	weak
<input type="checkbox"/> Leaf: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: length of terminal lobe	long	medium
<input type="checkbox"/> Leaf: width of terminal lobe	broad	medium to broad
<input type="checkbox"/> Leaf: ratio length/width of terminal lobe	equal to 1	equal to 1
<input type="checkbox"/> *Plant: sex expression	almost exclusively female flowers	almost exclusively female flowers
<input type="checkbox"/> Plant: number of female flowers per node	one to three	one to three
<input type="checkbox"/> *Young fruit: type of vestiture	hairs and prickles	hairs and prickles
<input type="checkbox"/> Young fruit: density of vestiture	medium to dense	medium
<input type="checkbox"/> *Young fruit: colour of vestiture	white	white
<input type="checkbox"/> Young fruit: size of warts	absent or very small	absent or very small
<input type="checkbox"/> *Parthenocarpy:	present	present
<input checked="" type="checkbox"/> *Fruit: length	medium	short
<input type="checkbox"/> Fruit: diameter	medium	medium
<input checked="" type="checkbox"/> Fruit: ratio length/diameter	large	small to medium
<input type="checkbox"/> Fruit: core diameter in relation to diameter of fruit	medium to large	medium to large
<input type="checkbox"/> *Fruit: predominant shape of stem end at market stage	necked	acute
<input type="checkbox"/> Fruit: length of neck	short to medium	
<input type="checkbox"/> Fruit: shape of calyx end at market stage	obtuse	obtuse

<input type="checkbox"/> *Fruit: ground colour of skin at market stage	green	green
<input type="checkbox"/> Fruit: intensity of ground colour of skin	medium to dark	medium to dark
<input type="checkbox"/> *Fruit: ribs	present	present
<input checked="" type="checkbox"/> Fruit: prominence of ribs	medium	weak
<input type="checkbox"/> Fruit: colouration of ribs compared to ground colour	equal to darker	equal
<input type="checkbox"/> Fruit: vestiture	absent or very sparse	sparse
<input type="checkbox"/> Fruit: warts	absent	absent
<input type="checkbox"/> Fruit: stripes	present	absent
<input type="checkbox"/> Fruit: length of stripes	medium	
<input type="checkbox"/> Fruit: mottling	absent	absent
<input type="checkbox"/> Fruit: length of peduncle	medium	medium
<input type="checkbox"/> Fruit: thickness of peduncle	medium	medium
<input type="checkbox"/> Fruit: ground colour of skin at physiological ripening	green	green
<input type="checkbox"/> Time of: development of female flowers	early	strongly early
<input type="checkbox"/> Fruit: bitterness	absent	absent
<input type="checkbox"/> Resistance to: Cucumis Mosaic Virus (CMV)	present	

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'EQLIPSE'</b>	<b>'Mascot'</b>
<input checked="" type="checkbox"/> fruit: creasing	present	absent
<input type="checkbox"/> fruit: type of vestiture	prickles only	prickles only
<input type="checkbox"/> Leaf blade: attitude	horizontal	horizontal
<input type="checkbox"/> Leaf blade: ratio length of terminal lobe/length of blade	medium	
<input type="checkbox"/> Leaf blade: shape of apex of terminal lobe	right-angled	right-angled
<input type="checkbox"/> Plant: sex expression	gynecious	gynecious
<input type="checkbox"/> Overy: colour of vestiture	white	white
<input type="checkbox"/> Fruit: shape of transverse section	round to angular	round to angular
<input checked="" type="checkbox"/> Fruit: degree of creasing	medium	very weak

**Prior Applications and Sales:**

No prior applications and sale.

Description: **John Oates**, VF Solutions, Merimbula, NSW 2548

<b>Details of Application</b>	
<b>Application Number</b>	2014/065
<b>Variety Name</b>	'Lades'
<b>Genus Species</b>	<i>Escallonia laevis</i>
<b>Common Name</b>	Escallonia
<b>Synonym</b>	'Pink Elle'
<b>Accepted Date</b>	02 Jun 2014
<b>Applicant</b>	Ludovic Ladan, Kernon, Meillars, France 29790
<b>Agent</b>	Plants Management Pty. Ltd., Dodges Ferry, Tas 7173
<b>Qualified Person</b>	Steve Eggleton
<b>Details of Comparative Trial</b>	
<b>Location</b>	Wonga Park, VIC
<b>Descriptor</b>	PBR Escallonia ( <i>Esallonia laevis</i> )
<b>Period</b>	December 2015 to January 2017
<b>Conditions</b>	Trial conducted in the open with plants received in December 2015 in 140mm pots filled with soilless, pinebark-based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
<b>Trial Design</b>	Twelve plants of each variety were planted in a randomized design. The trial was used to verify the states of expression in the US test report-Patent USPP 23984.
<b>Measurements</b>	Measurements were taken in the metric system.
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
<p><b>Spontaneous Mutation or sport:</b> The variety was discovered as a whole plant mutation in a cultivated garden in Meillars, France in Summer 2003. Original selection criteria was on the basis of plant habit, foliage colour, flower volume and flower colour. As the selection developed asexual cutting were taken to develop a further generation for evaluation. Final selection criteria was plant habit dense, juvenile foliage colour mid green, mature foliage colour dark green, flower number numerous and flower colour mid pink. All subsequent generations have remained uniform and stable. Breeder: Ludovic Ladan, Kernon, Meillars, France 29790</p>	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	pink group
Plant	habit	upright
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Gold Ellen'		
'Gold Brian'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	'Jamie'	Plant	habit	upright	
'Red Dream'	Flower	colour	pink	red	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
Organ/Plant Part: Context	'Lades'	'Gold Brian'	'Gold Ellen'
<input checked="" type="checkbox"/> plant: density of branches	dense	medium	medium
<input type="checkbox"/> Leaf: incision on the margin	present		
<input type="checkbox"/> Leaf: type of incision on the margin	serrate		
<input type="checkbox"/> Inflorescence: type	panicle		
<input checked="" type="checkbox"/> Inflorescence: number of flowers	many		medium
<input type="checkbox"/> Corolla lobe: attitude	horizontal		

<b>Characteristics Additional to the Descriptor/TG</b>			
Organ/Plant Part: Context	'Lades'	'Gold Brian'	'Gold Ellen'
<input type="checkbox"/> Young stem: colour (RHS colour chart)	N144D		
<input type="checkbox"/> Mature stem: colour (RHS colour chart)	199D		
<input type="checkbox"/> Leaf: shape	elliptic		
<input type="checkbox"/> Leaf: type	simple		
<input type="checkbox"/> Leaf: shape of base	attenuate		
<input type="checkbox"/> Leaf: shape of apex	broadly acute		
<input type="checkbox"/> Leaf: glossiness of upper side	medium		
<input type="checkbox"/> Leaf: glossiness of lower side	medium		
<input checked="" type="checkbox"/> Leaf: colour of mature leaf	dark green	yellow	light green
<input type="checkbox"/> Leaf: colour of young leaf	medium green		
<input type="checkbox"/> Leaf: colour of young leaf upper surface (RHS colour chart)	144B		
<input type="checkbox"/> Leaf: colour of young leaf lower surface	144B		

(RHS colour chart)			
<input type="checkbox"/> Leaf: colour of mature leaf upper surface (RHS colour chart)	N137C		
<input type="checkbox"/> Leaf: colour of mature leaf lower surface (RHS colour chart)	146B		
<input checked="" type="checkbox"/> Flower: colour	light pink	dark pink	dark pink
<input type="checkbox"/> Flower bud: colour (RHS colour chart)	N57C+D		
<input type="checkbox"/> Petal: shape	narrow obovate		
<input type="checkbox"/> Petal: shape of apex	obtuse		
<input type="checkbox"/> Petal: shape of base	narrow cuneate		
<input type="checkbox"/> Petal: predominant colour of upper side when opening (RHS colour chart)	N57D		
<input type="checkbox"/> Petal: colour of base of upper surface when opening (RHS colour chart)	62D		
<input type="checkbox"/> Petal: predominant colour of base of upper surface when fully opened (RHS colour chart)	62D		
<input type="checkbox"/> Petal: predominant colour of lower surface when fully opened (RHS colour chart)	55B		
<input type="checkbox"/> Petal: predominant colour of upper surface when fully opened (RHS colour chart)	N57D		
<input type="checkbox"/> Plant: habit	upright	upright	upright

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2011	Granted	'Lades'
USA	2012	Granted	'Lades'

First sold in France of 15<sup>th</sup> May 2011 and in Australia on 3<sup>rd</sup> March 2014

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

<b>Details of Application</b>	
<b>Application Number</b>	2017/135
<b>Variety Name</b>	'Bonsca 1203'
<b>Genus Species</b>	<i>Scaevola aemula</i>
<b>Common Name</b>	Fanflower
<b>Accepted Date</b>	14 Jun 2017
<b>Applicant</b>	Bonza Botanicals Pty Limited, Yellow Rock, NSW
<b>Agent</b>	Oasis Horticulture Pty Limited, Yellow Rock, NSW
<b>Qualified Person</b>	Tim Angus

**Details of Comparative Trial**

<b>Location</b>	Yellow Rock, NSW, Australia
<b>Descriptor</b>	PBR SCAE
<b>Period</b>	July 2018 -October 2018
<b>Conditions</b>	Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.
<b>Trial Design</b>	Plants grown in separate blocks side by side
<b>Measurements</b>	10 plants per variety at random
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

'Bonsca 1203' was first selected from seedlings from open pollinations of Proprietary *Scaevola aemula* selection 11-26 between February 2011 to April 2011 at Yellow Rock, NSW; the possible pollen parents were all *Scaevola aemula* proprietary selections. It was propagated for the first time, vegetatively, in December 2011. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Breeders: Dr. Andrew Bernuetz and Mirza Mohammed Shoaib..

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink

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

Name	Comments
'Bomy Pinka'	
'Ultra Fanfare'	
'Pink Fanfare'	
'Outback Royal Pink'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Ultra Fanfare'	Corolla lobe	main colour	RHS 73B	RHS 80B	
'Ultra Fanfare'	Throat	colour	RHS 155C	RHS 6C	
'Pink Fanfare'	Corolla lobe	colour	RHS 73B	RHS 80C	
'Pink Fanfare'	Throat	colour	RHS 155C	RHS 6C	
'Outback Royal Pink'	Corolla tube	length	longer	shorter	
'Outback Royal Pink'	Corolla lobe	main colour	RHS 73B	RHS 75C	
'Outback Royal Pink'	Throat	colour	RHS 155C	RHS 151C	

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

<b>Organ/Plant Part: Context</b>	<b>'Bonsca 1203'</b>	<b>'Bomy Pinka'</b>
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Plant: width	medium	medium to broad
<input type="checkbox"/> Stem: attitude	semi-erect	semi-erect
<input type="checkbox"/> Stem: anthocyanin colouration	weak to medium	weak to medium
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	obtuse
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: glossiness of upper side	medium	slight to medium
<input type="checkbox"/> Leaf: glossiness of lower side	slight	very slight to slight
<input checked="" type="checkbox"/> Leaf: degree of hairiness of lower side	medium to strong	weak to medium
<input type="checkbox"/> Leaf: incision of margin	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision of margin	shallow to medium	very shallow to shallow
<input type="checkbox"/> Leaf: undulation of margin	weak	weak
<input type="checkbox"/> Leaf: colour of lower side (RHS colour chart)	RHS 137C	RHS 137C
<input checked="" type="checkbox"/> Leaf: colour of upper side (RHS colour chart)	RHS NN137A	RHS 146A
<input type="checkbox"/> Corolla: diameter (width of fan)	large	large
<input type="checkbox"/> Corolla: main colour	pink	pink
<input type="checkbox"/> Corolla: stripes on petals (upper side)	absent	absent
<input type="checkbox"/> Corolla: stripes on petals (lower side)	absent	absent
<input type="checkbox"/> Petal: length	medium to long	medium to long

<input type="checkbox"/> Petal: width	medium to broad	medium to broad
<input checked="" type="checkbox"/> Petal: overlapping of bases	slight to medium	absent or very slight
<input checked="" type="checkbox"/> Petal: main colour of middle zone (upper side) (RHS colour chart)	RHS N57D to RHS 186C	RHS N78B
<input checked="" type="checkbox"/> Petal: main colour of margin (upper side) (RHS colour chart)	RHS 186D	RHS 75B
<input checked="" type="checkbox"/> Petal: main colour of middle zone (lower side) (RHS colour chart)	RHS 186A to 178C	RHS 80A
<input checked="" type="checkbox"/> Petal: main colour of margin (lower side) (RHS colour chart)	closest to RHS 186D	RHS 75C
<input type="checkbox"/> Petal: throat colour	yellow-green	yellow-green
<input type="checkbox"/> Petal: size of eye on upper side	medium	medium
<input type="checkbox"/> Petal: colour of eye on upper side	white	white
<input type="checkbox"/> Indusium: colour	green	green
<input type="checkbox"/> Indusium: degree of hairiness	medium to strong	medium

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Bonsca 1203'</b>	<b>'Bomy Pinka'</b>
<input type="checkbox"/> Plant: growth habit	semi-erect	semi upright to spreading
<input type="checkbox"/> Stem : colour	greenish to reddish	greenish to reddish
<input checked="" type="checkbox"/> Leaf: shape	spathulate to lanceolate	obovate

#### **Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2015	Applied	'Bonsca 1203'
Japan	2016	Applied	'Bonsca 1203'

First sold in the USA, Oct 2015

Description: **Tim Angus**, Lower Hutt, Wellington NZ

<b>Details of Application</b>		
<b>Application Number</b>	2016/388	
<b>Variety Name</b>	'Aldrin'	
<b>Genus Species</b>	<i>Phaseolus vulgaris</i>	
<b>Common Name</b>	French bean	
<b>Accepted Date</b>	09 Jan 2017	
<b>Applicant</b>	HM.CLAUSE, Inc., Davis, CA, USA	
<b>Agent</b>	Shelston IP Pty Ltd, Sydney, NSW	
<b>Qualified Person</b>	Calixto Dilag	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Central Queensland	
<b>Descriptor</b>	TG/12/9	
<b>Period</b>	2018	
<b>Conditions</b>	Trial was sown winter of 2018 at Calavos, Queensland. Irrigation were through drips and was treated the same with crops with regards to fertilization and spraying.	
<b>Trial Design</b>	Two generations of the candidate variety were compared in a side by side trial with the comparator varieties	
<b>Measurements</b>	As per UPOV test guideline.	
<b>RHS Chart - edition</b>	5 <sup>th</sup> Edition	
<b>Origin and Breeding</b>		
Controlled pollination: 'Aldrin' was developed from an initial cross between two proprietary lines under stake numbers 86540 (female) and 86529 (male), the F1 generation was harvested in April 2009 in Sun Prairie, Wisconsin, and the F2 selection was made near Coloma, Wisconsin, July 2009. In the second year, the F3 selection was made February 2010, near Los Mochis, Mexico and the F4 in July 2010 near Coloma, Wisconsin. In the third year, the F5 selection was made in October 2010, in Sun Prairie, WI, and the F6 selection was made in March 2011 near Immokalee, Florida. The F7 generation was bulked in August 2011 in Salinas, California. The F8 generation was harvested August 2012 as 100 single plants in August in Salinas, California. The F9 generation was bulked by progeny row in February 2013, near Los Mochis, Mexico, the line was subsequently designated H33122 (Aldrin). The main selection criteria used to develop the variety are upright plant habit, dark pod color, concentrated set of pods and high yield. Breeder: Robert Gehin		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	dwarf
Pod	length	medium to long
Pod	colour	green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Hickok'		

'Wyatt'	
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**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	'Aldrin'	'Hickok'	'Wyatt'
<input type="checkbox"/> Plant: anthocyanin colouration of hypocotyl	absent	absent	absent
<input type="checkbox"/> *Plant: growth type	dwarf	dwarf	dwarf
<input type="checkbox"/> Plant: type (dwarf beans only)	non-trailing	non-trailing	non-trailing
<input type="checkbox"/> Plant: height (dwarf beans only)	medium to tall	tall	tall
<input type="checkbox"/> *Leaf: intensity of green colour	medium	medium to dark	medium
<input type="checkbox"/> Leaf: rugosity	weak	weak	weak
<input type="checkbox"/> Terminal leaflet: size	large	medium	medium
<input type="checkbox"/> Terminal leaflet: shape	triangular to circular	rhombic	triangular to circular
<input type="checkbox"/> Terminal leaflet: length of tip	medium	medium	medium
<input type="checkbox"/> Flower: size of bracts	small	medium	small
<input type="checkbox"/> *Flower: colour of standard	white	white	white
<input type="checkbox"/> *Flower: colour of wing	white	white	white
<input type="checkbox"/> *Pod: length (dwarf beans only)	medium to long	medium to long	medium to long
<input type="checkbox"/> Pod: width	medium	medium to broad	medium
<input checked="" type="checkbox"/> Pod: thickness	medium	medium	thick
<input type="checkbox"/> *Pod: shape in cross section	cordate	cordate	cordate
<input type="checkbox"/> *Pod: ground colour	green	green	green
<input checked="" type="checkbox"/> Pod: intensity of ground colour	dark	medium	light to medium
<input type="checkbox"/> *Pod: presence of secondary colour	absent	absent	absent
<input type="checkbox"/> *Pod: stringiness of ventral suture	present	absent	present
<input type="checkbox"/> Pod: degree of curvature	absent or very slight	very slight to weak	absent or very slight
<input type="checkbox"/> Pod: shape of curvature	concave	concave	concave
<input type="checkbox"/> Pod: shape of distal part	acute to truncate	acute to truncate	acute to truncate
<input type="checkbox"/> *Pod: length of beak	long	short	medium
<input type="checkbox"/> Pod: curvature of beak	weak to medium	weak	weak
<input type="checkbox"/> Pod: texture of surface	smooth or slightly rough	smooth or slightly rough	smooth or slightly rough
<input type="checkbox"/> Resistance to: Bean anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Race Lambda	absent	absent	absent
<input type="checkbox"/> Resistance to: Bean anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Race	absent	absent	absent

Kappa			
<input type="checkbox"/> *Type of resistance to: Bean Common Mosaic Virus (BCMV)	mosaic development present, blackroot development absent	mosaic development present, blackroot development absent	mosaic development present, blackroot development absent
<input type="checkbox"/> Resistance to: Halo Blight ( <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> ) US Race 1	present	absent	present
<input checked="" type="checkbox"/> Resistance to: Halo Blight ( <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> ) US Race 2	present	absent	present
<input type="checkbox"/> Resistance to: Common Blight ( <i>Xanthomonas campestris</i> pv. <i>phaseoli</i> ), Isolate 422	absent	absent	present

**Prior Applications and Sales:**

Country	Year	Status	Name Applied
USA	2015	pending	'Aldrin'

First sold in Australia, January 2016

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

<b>Details of Application</b>	
<b>Application Number</b>	2012/111
<b>Variety Name</b>	'SUGRATHIRTYSIX'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	'SUGRA36'
<b>Accepted Date</b>	26 Jul 2012
<b>Applicant</b>	Sun World International LLC, Bakersfield, CA, USA
<b>Agent</b>	Corrs Chambers Westgarth, Melbourne, Victoria
<b>Qualified Person</b>	Garth Swinburn
<b>Details of Comparative Trial</b>	
<b>Location</b>	Newton Avenue, Irymple, Victoria, Australia
<b>Descriptor</b>	Vitis TG/50/9
<b>Period</b>	September 2016-June 2019
<b>Conditions</b>	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
<b>Trial Design</b>	A Comparative trial in Australia, including the candidate and comparator variety, were planted in a variety evaluation block, grown to confirm the states of expression provided in an overseas test report (Patent US PP22,078P3).
<b>Measurements</b>	Measurements were taken in the metric system following UPOV test guideline
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination: May 2001: Pollen from selection '93018-070-024' was applied by hand to flowers of selection '97001-198-219'. July 2001: Hybridized fruit was harvested and embryos were cultured then grown in greenhouse until Spring 2002. March 2002: Hybrid seedlings were planted in the field and grew there during 2002-2005. July 2005: '01016-126-057' was selected from the progeny. November 2005: '01016-126-057' was propagated by rooting cuttings. March 2006: 55 rooted cuttings were planted in a commercial test block. 2007-2009 '01016-126-057' was tested and determined to be commercial. November 2009: '01016-126-057' was patented and given the name 'Sugrathirtysix'. Breeder: Terry Bacon and Michael J. Striem, Sun World International LLC, Bakersfield, CA, USA	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	veraison	very early
Young leaf	colour of upper side of blade	green

Flower	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	five
Berry	anthocyanin colouration of flesh	absent or very weak
Berry	formation of seeds	rudimentary
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Flame Seedless’		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
‘Sugrath irtytwo’	fruit	berry shape	globose	obtuse ovoid	
‘Sugrani neteen’	fruit	berry shape	globose	broad elliptic	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>‘SUGRATHIRTYSIX’</b>	<b>‘Flame Seedless’</b>	
<input type="checkbox"/> *Young shoot: openness of tip	half open	slightly open	
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	very sparse to sparse	sparse to medium	
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green	green	
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect	semi-erect to horizontal	
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green and red	
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green and red	green and red	
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green and red	green and red	

<input type="checkbox"/> Shoot: colour of ventral side of nodes	green and red	green and red
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	very shallow to shallow	deep
<input checked="" type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	closed	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	wide open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	short to medium	short to medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	low
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	much shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	very early	very early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium	medium to large
<input type="checkbox"/> *Bunch: density	lax	lax to medium
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	short to medium	medium
<input type="checkbox"/> *Berry: size	small to medium	small to medium
<input type="checkbox"/> *Berry: shape	globose	globose
<input checked="" type="checkbox"/> *Berry: colour of skin (without bloom)	grey red	red
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm

<input checked="" type="checkbox"/> *Berry: particular flavour	muscat	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Mexico	2012	Granted	'SUGRATHIRTYSIX'
USA	2009	Granted	'SUGRATHIRTYSIX'
South Africa	2012	Granted	'SUGRATHIRTYSIX'

No prior sale.

Description: **Karen Connolly**, Sun World Australasia, Mildura, Vic 3502, Australia

<b>Details of Application</b>	
<b>Application Number</b>	2008/367
<b>Variety Name</b>	'SUGRATHIRTYTWO'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	
<b>Accepted Date</b>	12 Jan 2009
<b>Applicant</b>	Sun World International LLC, Bakersfield, Ca, USA
<b>Agent</b>	Corrs Chambers Westgarth, Melbourne, Victoria
<b>Qualified Person</b>	Garth Swinburn
<b>Details of Comparative Trial</b>	
<b>Location</b>	Mildura, Victoria
<b>Descriptor</b>	Vitis TG/50/9
<b>Period</b>	Sept 2016-June 2019
<b>Conditions</b>	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
<b>Trial Design</b>	A Verification trial in Australia, with the Candidate and comparator variety, grown to confirm the states of expression provided in an overseas test report-Patent USPP19024P3
<b>Measurements</b>	Measurements were taken in the metric system following UPOV test guideline
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination: the variety was created by hybridization of two 'seedless' grape lines possessing small abortive vestigial ovules. From the initial population of hybrid ovules, embryo rescue methods were used to produce a population from which the present variety was selected. The new variety was propagated in December 1998 using hardened cuttings. Breeder: David W. Cain and Michael J. Striem, Sun World International LLC, Bakersfield, Ca, USA.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	colour of skin	red hues
Fruit	veraison	very early
Mature leaf	number of lobes	five
Flower	sexual organs	fully developed stamens and fully developed gynoecium
Berry:	anthocyanin colouration of flesh	absent or very weak

Berry:	formation of seeds	rudimentary
Berry	particular flavour	none
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Flame Seedless'		

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'SUGRATHIRTYTWO'</b>	<b>'Flame Seedless'</b>
<input type="checkbox"/> *Time of: bud burst	very early	very early
<input type="checkbox"/> *Young shoot: openness of tip	half open	slightly open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	very sparse to sparse	sparse to medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Young leaf: colour of upper side of blade	yellow green	green
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	very sparse to sparse	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	erect	semi-erect to horizontal
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green and red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green and red
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green and red
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak

<input type="checkbox"/> *Mature leaf: number of lobes	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	medium	short to medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	very early	very early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium to large	medium to large
<input type="checkbox"/> *Bunch: density	lax to medium	medium
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	long	medium
<input checked="" type="checkbox"/> *Berry: size	medium	small to medium
<input checked="" type="checkbox"/> *Berry: shape	obtuse ovoid	globose
<input checked="" type="checkbox"/> *Berry: colour of skin (without bloom)	grey red	red
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary
<input type="checkbox"/> Woody shoot: main colour	orange brown	orange brown

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Karen Connolly**, Sun World Australasia, Mildura, Vic 3502, Australia

<b>Details of Application</b>	
<b>Application Number</b>	2013/163
<b>Variety Name</b>	'IFG Six'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	N/A
<b>Accepted Date</b>	31 Jul 2013
<b>Applicant</b>	International Fruit Genetics LLC, Bakersfield, California, USA
<b>Agent</b>	Alison MacGregor, Mildura, Vic 3502
<b>Qualified Person</b>	Alison MacGregor
<b>Details of Comparative Trial</b>	
<b>Location</b>	Merbein South, Victoria
<b>Descriptor</b>	Grapevine UPOV TG/50/9
<b>Period</b>	September 2014 - March 2017
<b>Conditions</b>	A verification trial was prepared by planting 70 vines of the variety 'IFG Six' in a patch of young vines that included similar varieties, in a commercial table grape vineyard in North West Victoria in 2013. The vines were grafted onto Paulsen rootstock. Plant measurements commenced in January 2014 and were completed in March 2017. The vines were managed according to the weed, nutrition, irrigation and pest management program of the rest of the commercial vineyard.
<b>Trial Design</b>	Unreplicated
<b>Measurements</b>	Observations from the candidate were compared against the description in US patent number US PP23,531 P3 (April 2013). Observed characteristics were also compared against UPOV descriptions and field observations of other similar varieties of common knowledge. Observations were made at budburst and subsequently on new shoots, young leaves, mature leaves, berries, bunches and canes. Measurements were taken in the metric system.
<b>RHS Chart - edition</b>	RHS Fifth edition reprinted 2007
<b>Origin and Breeding</b>	
Controlled pollination of 'Beita Mouni' as the seed parent x USDA selection 'C22-121' as the pollen parent, in May 2004. The resulting plants were planted into the field in April 2005. The present variety of grapevine was selected as a single plant in July 2006 and was first asexually propagated by hardwood cuttings in December 2006, near Delano, Kern County, Calif. The resulting propagules were planted during April 2007 near Delano, Kern County California. Breeder: David Cain, International Fruit Genetics LLC, Bakersfield, California, USA	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Mature leaf	number of lobes	five

Berries	colour	black
Berries	formation of seeds	none or rudimentary (seedless)
Berries	particular flavour	none
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Sugrathirteen’	Elongated, seedless black berry maturing earlier than the candidate	
‘Blagratwo’	Seedless, black grape with a berry shape that is distinct from the candidate in being a broad ellipsoid shape	
‘Fantasy’	Seedless black grape maturing mid season	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
‘Sugrasixteen’	Berries	flavour	none	muscat	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>				
<b>Organ/Plant Part: Context</b>	<b>‘IFG Six’</b>	<b>‘Blagratwo’</b>	<b>‘Fantasy’</b>	<b>‘Sugrathirteen’</b>
<input type="checkbox"/> *Time of: bud burst	early to medium	medium to late	early	early
<input type="checkbox"/> *Young shoot: openness of tip	wide open	half open	wide open	wide open
<input checked="" type="checkbox"/> *Young shoot: prostrate hairs on tip	dense			sparse
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	weak	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse		
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots	light copper red	green with anthocyanin spots	yellow green
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of	sparse	very sparse to sparse	absent or very sparse	sparse

blade				
<input checked="" type="checkbox"/> Shoot: attitude (before tying)	drooping	semi-erect to horizontal	erect	semi-erect
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green and red	green and red	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green and red	green and red	green and red	green and red
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green		
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green and red	green		
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse			
<input type="checkbox"/> Shoot: length of tendrils	medium	medium to long	medium	medium
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium			
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium to large	medium to large	medium
<input type="checkbox"/> *Mature leaf: shape of blade	circular	circular	pentagonal	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	medium	medium	deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped	slightly overlapped
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	half open	half overlapped	half open
<input type="checkbox"/> *Mature leaf: length of teeth	short	medium	medium	medium

<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	low	absent or very low	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	sparse	absent or very sparse	absent or very sparse	sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	sparse	absent or very sparse	absent or very sparse	sparse
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	equal	moderately shorter	much shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	medium	medium	medium	early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	large	large	medium	medium
<input type="checkbox"/> *Bunch: density	lax	lax to medium	lax	very lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	medium	long	medium	medium
<input type="checkbox"/> *Berry: size	large	large	large	large
<input checked="" type="checkbox"/> *Berry: shape	cylindrical	broad ellipsoid	obtuse ovoid	obloid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black	blue black	blue black
<input checked="" type="checkbox"/> Berry: ease of detachment from pedicel	difficult	moderately easy	easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	weak	weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm	soft or slightly firm	very firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none

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

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Six'</b>	<b>'Blagratwo'</b>	<b>'Fantasy'</b>	<b>'Sugrathirteen'</b>
<input checked="" type="checkbox"/> Berry: shape of distal end	dimpled	rounded		rounded

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2011	Granted	'IFG Six'
South Africa	2012	Granted	'IFG Six'
Chile	2012	pending	'IFG Six'

First sold in USA on 6<sup>th</sup> August 2012 as 'Sweet Sapphire'

Description: **Alison MacGregor**, Mildura, Vic 3502

<b>Details of Application</b>	
<b>Application Number</b>	2014/010
<b>Variety Name</b>	'IFG Fourteen'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	N/A
<b>Accepted Date</b>	13 Feb 2014
<b>Applicant</b>	International Fruit Genetics LLC, Bakersfield, California, USA
<b>Agent</b>	Alison MacGregor, Mildura, Vic 3502
<b>Qualified Person</b>	Alison MacGregor
<b>Details of Comparative Trial</b>	
<b>Location</b>	Merbein South, Victoria
<b>Descriptor</b>	Grapevine UPOV TG/50/9
<b>Period</b>	September 2104 to March 2017
<b>Conditions</b>	A verification trial was prepared by planting 24 vines of the variety 'IFG Fourteen' in a patch of young vines that included similar varieties, in a commercial table grape vineyard in North West Victoria in 2013. The vines were grafted into Paulsen rootstock. Plant measurements commenced in September 2014 and were completed in March 2017. The vines were managed according to the weed, nutrition, irrigation and pest management program of the rest of the commercial vineyard.
<b>Trial Design</b>	24 vines of the candidate variety were allocated to 6 plots each of four vines. The plots of the candidate were interspersed between plots of the two comparators and other similar varieties of common knowledge.
<b>Measurements</b>	Observations from the candidate were compared against the description in the US patent number US PP 0101,797 PI (2014). Observed characteristics were also compared against UPOV descriptions and field observations of other varieties of common knowledge. Observations were made at budburst and subsequently on new shoots, young leaves, mature leaves, berries, bunches and canes.
<b>RHS Chart - edition</b>	RHS Fifth edition reprinted 2007
<b>Origin and Breeding</b>	
Controlled cross pollination of maternal parent IFG 01077-096-221 (unnamed selection from the IFG breeding program) and paternal parent IFG 01054-082-202 (unnamed selection from the IFG breeding program), in May 2004. The abortive seed traces were subsequently embryo cultured. The resulting plant was planted in the field in April 2005. The present variety of grapevine was selected as a single plant in 2006 and was first asexually propagated by hardwood cuttings in December 2006 near Delano, Kern County, Calif. The resulting propagules were planted during April 2007 near Delano, Kern County, Calif. and were found to reproduce true-to-type through at least two generations of asexual reproduction using hardwood cuttings and grafting onto rootstocks. Breeder: David Cain, International Fruit Genetics LLC, Bakersfield,	

California, USA		
<b>Choice of Comparators</b> 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	sexual organs	fully developed stamens and fully developed gynoecium
Berry	anthocyanin colouration of flesh	absent or very weak
Berry	formation of seeds	seedless
Berry	colour of skin (without bloom)	red to crimson group
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
Name	Comments	
‘Flame Seedless’	very early, red, seedless grape with a round shaped berry	
‘Ralli Seedless’	early, red, seedless grape with a broad ellipsoid berry	
‘Ruby Seedless’	early to mid-season, grey-red seedless grape with a globose berry	
‘Sugrathirtysix’	very early, red muscat grape with a round berry	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Sugrathirtysix’	berry	maturity for harvest	early	very early	‘Sugrathirtysix’ matures earlier than ‘Flame Seedless’. The candidate matures slightly later than ‘Flame Seedless’
‘Ralli Seedless’	berry	colour	grey-red towards purple-red	rose	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from the comparators are marked with a tick.</b>			
Organ/Plant Part: Context	‘IFG Fourteen’	‘Flame Seedless’	‘Ruby Seedless’
<input type="checkbox"/> *Time of: bud burst	early to medium	very early to early	

<input type="checkbox"/> *Young shoot: openness of tip	wide open	half open	wide open
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	strong
<input type="checkbox"/> Young shoot: erect hairs on tip	very sparse to sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Young leaf: colour of upper side of blade	light copper red	light copper red	light copper red
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect	horizontal	
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red*	green	green
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green	green
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	green	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green	green
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse		
<input type="checkbox"/> Shoot: length of tendrils	medium		
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	circular*	pentagonal	circular
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	very weak to weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five (or seven)	five	five (or three)
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	deep	shallow
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses	strongly overlapped	slightly overlapped	slightly overlapped

(varieties with lobed leaves only)			
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly overlapped*	slightly open	half open
<input type="checkbox"/> *Mature leaf: length of teeth	short	short to medium	short
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	medium	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	equal	moderately shorter	moderately shorter
<input checked="" type="checkbox"/> *Time of: beginning of berry ripening	early	very early	medium
<input checked="" type="checkbox"/> *Bunch: size (peduncle excluded)	medium to large	small to medium	medium to large
<input checked="" type="checkbox"/> *Bunch: density	medium	lax to medium	lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	short	medium	medium
<input checked="" type="checkbox"/> *Berry: size	medium	small	small to medium
<input checked="" type="checkbox"/> *Berry: shape	globose	globose	broad ellipsoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	Greyed-red	dark red-violet	Greyed-red
<input checked="" type="checkbox"/> Berry: ease of detachment from pedicel	difficult	difficult	moderately easy
<input type="checkbox"/> Berry: thickness of skin	thick	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak

<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm	moderately firm
<input checked="" type="checkbox"/> *Berry: particular flavour	muscat	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	none	rudimentary
<input type="checkbox"/> Woody shoot: main colour	yellowish brown	dark brown	orange brown

\* indicates observations under Australian field conditions that differ from observations described in the USA patent.

<b>Characteristics Additional to the Descriptor/TG</b>			
<b>Organ/Plant Part: Context</b>	<b>'IFG Fourteen'</b>	<b>'Flame Seedless'</b>	<b>'Ruby Seedless'</b>
<input type="checkbox"/> Berry: colour uniformity	uniform	uniform	uniform
<input type="checkbox"/> Berry: colour	Grey red 182A	Red purple 59B	Grey red 181A

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'IFG Fourteen'</b>	<b>'Flame Seedless'</b>	<b>'Ruby Seedless'</b>
<input type="checkbox"/> Berry: weight (g)			
Mean	4.4		3.3
Std. Deviation	0.1		0.25
Lsd/sig	0.5		P≤0.01
<input type="checkbox"/> Leaf: ratio of leaf length to leaf width			
Mean	0.66	0.79	0.73
Std. Deviation	0.06	0.08	0.07
Lsd/sig	0.04	P≤0.01	P≤0.01
<input type="checkbox"/> Berry: length (mm)			
Mean	18.75	15.95	
Std. Deviation	1.48	1.75	
Lsd/sig	1.38	P≤0.01	
<input type="checkbox"/> Bunch weight (g)			
Mean	430	246	406
Std. Deviation	121	129	181
Lsd/sig	172	P≤0.01	ns
<input type="checkbox"/> Mature Leaf: length of petiole compared to length of middle vein			
Mean	0.95	0.76	0.82

Std. Deviation	0.2	0.17	0.1
Lsd/sig	0.09	P>0.01	P>0.01
<input checked="" type="checkbox"/> Mature leaf: length (mm)			
Mean	105	121	102
Std. Deviation	16	16	13
Lsd/sig	8.66	P≤0.01	ns

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2012	Granted	“IFG Fourteen”

First sold in USA on 1<sup>st</sup> September 2012

Description: **Alison MacGregor**, Mildura, Vic 3502

<b>Details of Application</b>	
<b>Application Number</b>	2016/066
<b>Variety Name</b>	'Sugrathirtynine'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	'SUGRA39'
<b>Accepted Date</b>	21 Apr 2016
<b>Applicant</b>	Sun World International, LLC, Bakersfield, Ca, USA
<b>Agent</b>	Corrs Chambers Westgarth, Melbourne, Victoria
<b>Qualified Person</b>	Garth Swinburn
<b>Details of Comparative Trial</b>	
<b>Location</b>	Mildura, Victoria
<b>Descriptor</b>	Vitis TG/50/9
<b>Period</b>	September 2016-June 2019
<b>Conditions</b>	Vines were managed by a commercial grower 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
<b>Trial Design</b>	100 vines each of the Candidate and Comparator in evaluation block
<b>Measurements</b>	Measurements were taken in metric system following UPOV test guideline
<b>RHS Chart - edition</b>	1986 Reprint
<b>Origin and Breeding</b>	
Controlled pollination: May 1989: Pollen collected from pollen parent, 'P100-111' and applied to flowers of maternal parent, 'Flame Seedless'. July 1989: Hybridized fruit collected and embryos processed in Sun World International Embryo Rescue Lab. October 1989: Hybridized plants transplanted from lab to greenhouse. March 1990: Hybridized plants transplanted from greenhouse to field. July 1991: Candidate variety selected from progeny and named '89032-167-143'. November 1991: '89032-167-143' propagated by rooted cuttings and 20 vines grown in greenhouse during winter. March 1992: 20 vines planted into Sun World test block for several years of further evaluation. January 2002: '89032-167-143' plant material sent to South Africa where it was tested over several years as a possible raisin grape variety. June 2011 South African plant breeders rights filed. Breeder: David W. Cain, Sun World International LLC, Bakersfield, Ca, USA.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	maturity	very early
Berry	colour of skin	yellow green
Fruit	time of veraison	very early

Flower:	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	five
Berry	formation of seeds	rudimentary
Berry	anthocyanin colouration of flesh	absent or very weak
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Diamond Muscat’		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Sultana’	fruit	time of maturity	very early	early	
‘Sun Muscat’	fruit	time of maturity	very early	early	
‘Merbein Seedless’	berry	thickness of skin	medium	thin	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
Organ/Plant Part: Context	‘Sugrathirtynine’	‘Diamond Muscat’
<input type="checkbox"/> *Time of: bud burst	very early	very early
<input type="checkbox"/> *Young shoot: openness of tip	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	sparse	very sparse to sparse
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Young leaf: colour of upper side of blade	green	green
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	sparse	sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect	semi-erect
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green

<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green and red	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	pentagonal	circular
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow	shallow
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	wide open
<input type="checkbox"/> *Mature leaf: length of teeth	short to medium	short to medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	one side concave, one side convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	sparse	absent or very sparse
<input type="checkbox"/> *Time of: beginning of berry ripening	very early	very early
<input type="checkbox"/> *Bunch: size (peduncle excluded)	small to medium	small to medium
<input type="checkbox"/> *Bunch: density	very lax	very lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	medium	medium
<input type="checkbox"/> *Berry: size	small to medium	small to medium
<input checked="" type="checkbox"/> *Berry: shape	broad ellipsoid	obtuse ovoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	yellow green	yellow green
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm

<input checked="" type="checkbox"/> *Berry: particular flavour	none	muscat
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
South Africa	2011	Granted	'Sugrathirtynine'

No prior sale.

Description: **Karen Connolly**, Sun World Australasia, Mildura, Vic 3502, Australia

<b>Details of Application</b>		
<b>Application Number</b>	2015/334	
<b>Variety Name</b>	'IFG Seventeen'	
<b>Genus Species</b>	<i>Vitis vinifera</i>	
<b>Common Name</b>	Grape vine	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	11 Apr 2017	
<b>Applicant</b>	International Fruit Genetics, LLC, Bakersfield, California, USA	
<b>Agent</b>	Jennifer Hashim-Maguire, Mildura, VIC	
<b>Qualified Person</b>	Jennifer Hashim-Maguire	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Department of Agriculture, Forestry & Fisheries, Genetics Resources, Division of Plant Breeders' Rights, Pretoria, Republic of South Africa	
<b>Overseas Data Reference Number</b>	ZA 20155924	
<b>Location</b>	De Vlie De Doorns Hex River, South Africa.	
<b>Descriptor</b>	Grapevine UPOV TG/50/9	
<b>Period</b>	2014-2015	
<b>Trial Design</b>	Based on overseas variety description for the candidate variety. Comparator data were extracted from the published description of 'Blagratwo' (Grant no:4957), 'Summer Roya'l (Grant no: 3511) and 'IFG Sixteen' (PVJ 32.1)	
<b>Measurements</b>	As according UPOV test guidelines	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
Controlled pollination: Hand pollinated between Autumn Royal (USDA non-patented) and bulked pollen derived from several unnamed red seedless selections from the Volcani Institute, hybridized in May 2001. Abortive seed traces embryo cultured and the resulting seedling vines planted in the field in April 2002. Selected as a single plant in September 2004 and asexually propagated via hardwood cuttings in December 2005. Planted in an 18-vine evaluation block in April 2006. Vines evaluated for commercial potential from 2007 to 2012. Breeder: David Cain, International Fruit Genetics LLC, Bakersfield, California, USA.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Young leaf	prostrate hairs between main veins on lower side of blade	absent or very sparse
Berry	anthocyanin colouration of flesh	absent or very weak

Berry	formation of seeds	rudimentary
Berry	Particular flavour	none
Plant	time of beginning of berry ripening	medium
Flower	sexual organs	fully developed stamens and fully developed gynoecium

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

Name	Comments
‘Blagratwo’	Black, ripening mid-season, rudimentary seed trace, neutral flavour.
‘IFG Sixteen’	Reddish black to black, ripening mid-season, rudimentary seed trace, neutral flavour.
‘Summer Royal’	Black, ripening mid-season, rudimentary seed trace, neutral flavour.

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Autumn Royal’	Berry	size	small	large	
‘Autumn Royal’	Berry	Time of: beginning of berry ripening	medium	medium to 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	‘IFG Seventeen’	‘Blagratwo’	‘IFG Sixteen’	‘Summer Royal’
<input type="checkbox"/> *Time of: bud burst	late	medium to late	late	early
<input type="checkbox"/> *Young shoot: openness of tip	half open	half open	half open	fully open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	sparse		very sparse to sparse	sparse
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	weak	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	absent or very sparse	
<input type="checkbox"/> *Young leaf: colour of upper side of blade	dark copper red	light copper red	-	yellow green
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse			
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	very sparse to sparse	absent or very sparse	absent or very sparse

<input type="checkbox"/>	Shoot: colour of dorsal side of internodes	green and red	red	green	green and red
<input type="checkbox"/>	*Shoot: colour of ventral side of internodes	green	green and red	green	green
<input type="checkbox"/>	Shoot: colour of dorsal side of nodes	green and red		green	
<input type="checkbox"/>	Shoot: colour of ventral side of nodes	green		green	
<input type="checkbox"/>	Shoot: erect hairs on internodes	absent or very sparse			
<input type="checkbox"/>	Shoot: length of tendrils	medium	long	medium	very long
<input type="checkbox"/>	*Flower: sexual organs	fully developed stamens and fully developed gynoecium			
<input type="checkbox"/>	*Mature leaf: size of blade	medium	large	medium	medium to large
<input checked="" type="checkbox"/>	*Mature leaf: shape of blade	wedge-shaped	circular	wedge-shaped	pentagonal
<input type="checkbox"/>	Mature leaf: blistering of upper side of blade	absent or very weak	weak	absent or very weak	weak
<input type="checkbox"/>	Mature leaf: depth of upper lateral sinuses	medium to deep	medium to deep	medium to deep	medium to deep
<input type="checkbox"/>	Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped		strongly overlapped
<input type="checkbox"/>	*Mature leaf: length of teeth	medium	medium	medium	medium
<input type="checkbox"/>	*Mature leaf: ratio length/width of teeth	medium	medium	medium	large
<input type="checkbox"/>	*Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	both sides convex	mixture of both sides straight and both sides convex	both sides convex
<input type="checkbox"/>	*Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	low	low	low
<input type="checkbox"/>	Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse			
<input type="checkbox"/>	*Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	sparse
<input type="checkbox"/>	Mature leaf: length of petiole compared to length of middle vein	equal	equal	equal	moderately shorter
<input type="checkbox"/>	*Time of: beginning of berry ripening	medium	medium	medium	medium
<input type="checkbox"/>	*Bunch: size (peduncle excluded)	small	medium to	small	large

		large		
<input type="checkbox"/> *Bunch: density	lax to medium	lax to medium	medium	lax to medium
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	very short	very long	very short to short	medium to long
<input type="checkbox"/> *Berry: size	small	large	small	large
<input type="checkbox"/> *Berry: colour of skin (without bloom)	blue black	blue black	dark red violet to blue black	blue black
<input type="checkbox"/> Berry: ease of detachment from pedicel	difficult	moderately easy	moderately easy	difficult
<input type="checkbox"/> Berry: thickness of skin	medium	medium	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Berry: firmness of flesh	very firm	moderately firm	moderately firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	rudimentary	rudimentary

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Seventeen'</b>	<b>'Blagratwo'</b>	<b>'IFG Sixteen'</b>	<b>'Summer Royal'</b>
<input type="checkbox"/> Time of: full flowering (50%)	medium		medium	
<input checked="" type="checkbox"/> Berry: shape	narrow ellipsoid to ovoid	broad ellipsoid to obtuse ovoid	ovoid	globose to broad ellipsoid
<input type="checkbox"/> Mature leaf: number of lobes	five to seven lobes	five	five to seven lobes	five
<input type="checkbox"/> Mature leaf: arrangement of lobes of petiole sinus	wide open to half open		wide open to half open	
<input type="checkbox"/> Woody shoot: main colour	medium brown		medium brown	

### **Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Brazil	2013	Granted	'IFG Seventeen'
Chile	2015	Granted	'IFG Seventeen'
Ecuador	2015	Granted	'IFG Seventeen'
EU	2016	Granted	'IFG Seventeen'
Peru	2015	Applied	'IFG Seventeen'
South Africa	2013	Granted	'IFG Seventeen'
USA	2013	Granted	'IFG Seventeen'

First sold in South Africa in Feb 2015.

Description: **Jennifer Hashim-Maguire**, Sandringham, VIC.

<b>Details of Application</b>		
<b>Application Number</b>	2015/333	
<b>Variety Name</b>	'IFG Sixteen'	
<b>Genus Species</b>	<i>Vitis vinifera</i>	
<b>Common Name</b>	Grape vine	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	11 Apr 2017	
<b>Applicant</b>	International Fruit Genetics, LLC, Bakersfield, California, USA	
<b>Agent</b>	Jennifer Hashim-Maguire, Sandringham, VIC	
<b>Qualified Person</b>	Jennifer Hashim-Maguire	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Department of Agriculture, Forestry & Fisheries, Genetics Resources, Division of Plant Breeders' Rights, Pretoria, Republic of South Africa	
<b>Overseas Data Reference Number</b>	ZA 20155923	
<b>Location</b>	De Vlie De Doorns Hex River, South Africa	
<b>Descriptor</b>	Grapevine UPOV TG/50/9	
<b>Period</b>	2014-2015	
<b>Measurements</b>	As according UPOV test guidelines	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
Controlled pollination: Hand pollinated between 'Autumn Royal' (USDA non-patented) and bulked pollen derived from several unnamed red seedless selections from the Volcani Institute, hybridized in May 2001. Abortive seed traces embryo cultured and the resulting seedling vines planted in the field in April 2002. Selected as a single plant in September 2004 and asexually propagated via hardwood cuttings in December 2005. Planted in an 18-vine evaluation block in April 2006. Vines evaluated for commercial potential from 2007 to 2012. Breeder: David Cain, International Fruit Genetics LLC, Bakersfield, California, USA.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Berry	colour of flesh	reddish black to black
Berry	particular flavour	neutral
Berry	presence of seed	rudimentary
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Autumn Royal'	black, ovoid, medium to late ripening	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'IFG Seventeen'	Berry	firmness of flesh	moderately firm	very firm	

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

<b>Organ/Plant Part: Context</b>	<b>'IFG Sixteen'</b>	<b>'Autumn Royal'</b>
<input type="checkbox"/> *Time of: bud burst	late	
<input type="checkbox"/> *Young shoot: openness of tip	half open	
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	very sparse to sparse	
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green	
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green	
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	
<input type="checkbox"/> Shoot: length of tendrils	medium	
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	
<input type="checkbox"/> *Mature leaf: size of blade	medium	
<input type="checkbox"/> *Mature leaf: shape of blade	wedge-shaped	
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium to deep	
<input type="checkbox"/> *Mature leaf: length of teeth	medium	
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium	
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium	
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both	

	sides straight and both sides convex	
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	equal	
<input checked="" type="checkbox"/> *Time of: beginning of berry ripening	medium	medium to late
<input type="checkbox"/> *Bunch: size (peduncle excluded)	small	
<input type="checkbox"/> *Bunch: density	medium	
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	very short to short	
<input type="checkbox"/> *Berry: size	small	
<input type="checkbox"/> *Berry: shape	ovoid	
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	
<input type="checkbox"/> Berry: thickness of skin	medium	
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	
<input type="checkbox"/> *Berry: particular flavour	none	
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'IFG Sixteen'</b>	<b>'Autumn Royal'</b>
<input type="checkbox"/> Time of: full flowering (50%)	medium	
<input type="checkbox"/> Young leaf: colour of upper side of blade	copper red to green with bronze spots	
<input type="checkbox"/> Mature leaf: number of lobes	five to seven lobes	
<input type="checkbox"/> Mature leaf: arrangement of lobes of petiole sinus	wide open to half open	
<input type="checkbox"/> Berry : colour of skin (without bloom)	dark red violet to blue black	
<input type="checkbox"/> Woody shoot: main colour	medium brown	
<input checked="" type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses	closed to slightly overlapped	slightly overlapped to strongly overlapped

<input checked="" type="checkbox"/> Berry: shape	ovoid	broad ellipsoid to ovoid
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**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2015	Applied	'IFG Sixteen'
Chile	2015	Applied	'IFG Sixteen'
Peru	2015	Granted	'IFG Sixteen'
South Africa	2013	Granted	'IFG Sixteen'
USA	2013	Granted	'IFG Sixteen'

**Prior Sale:** NilDescription: **Jennifer Hashim-Maguire**, Sandringham, VIC.

<b>Details of Application</b>	
<b>Application Number</b>	2013/029
<b>Variety Name</b>	'IFG Three'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	
<b>Accepted Date</b>	11-Feb-2013
<b>Applicant</b>	International Fruit Genetics LLC, Bakersfield, California, USA
<b>Agent</b>	Alison MacGregor, Mildura, Vic 3502
<b>Qualified Person</b>	Alison MacGregor
<b>Details of Comparative Trial</b>	
<b>Location</b>	Merbein South, Victoria
<b>Descriptor</b>	Grapevine UPOV TG/50/9
<b>Period</b>	September 2014 to February 2017
<b>Conditions</b>	A comparator trial was prepared by planting 20 vines of the variety 'IFG Three' in a trial block within a commercial table grape vineyard in North West Victoria, in 2013. The vines were grafted onto Paulsen rootstock. Plant measurements commenced in January 2014 and were completed in March 2017. The vines were managed according to the weed, nutrition, irrigation and pest management program of the rest of the commercial vineyard.
<b>Trial Design</b>	Plots of four varieties (the candidate and three comparator varieties) were planted out in a random block design with five replicates. Each plot comprised four vines.
<b>Measurements</b>	Observations from the candidate were compared against the description in US patent number US PP21664 P3. Observed characteristics were also compared against UPOV descriptions and field observations of other similar varieties of common knowledge. Observations were made at budburst and subsequently on new shoots, young leaves, mature leaves, berries, bunches and canes. Measurements were taken in the metric system.
<b>RHS Chart - edition</b>	RHS Fifth edition reprinted 2007
<b>Origin and Breeding</b>	
Controlled pollination: The candidate was produced from seed resulting from hand pollination of 'Red Globe' (maternal parent) by 'Princess' (paternal parent) in May 2001. The resulting seedlings were planted in a vineyard in April 2002. The candidate was selected as a single plant in August 2003 and asexually propagated via hardwood cuttings in December 2003. An evaluation block was planted in April 2004 and vines evaluated for commercial potential between 2005-2008. Breeder: David Cain, International Fruit Genetics LLC, Bakersfield, California, USA	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower:	sexual organs	fully developed stamens and fully developed gynoecium
Mature leaf	number of lobes	five
Berry	particular flavour	none
Berry	colour	greyed-purple
Berry	formation of seeds	Seedless (rudimentary or none)
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Flame Seedless'	early maturing, red, seedless variety with round berry shape.	
'Ruby Seedless'	early maturing, red, seedless variety with broad ellipsoid or ovoid berry shape	
'Sheegene 1' ('Kaylee Seedless')	early to mid season red variety with obtuse ovoid berry shape	
'Sheegene 20' ('Allison')	mid to late season, red, seedless variety with naturally large, broad elliptic berry	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Crimson Seedless'	Berry	Shape	globose	narrow ellipsoid	
'Red Globe'	Berry	formation of seeds	none or rudimentary seeds	seeded	
'Ralli Seedless'	Berry	colour	greyed-purple	rose or red	
'Sheegene 20' ('Allison')	Berry	Time of maturity	Early to mid season	Mid to late season	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from the comparators are marked with a tick.</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Three'</b>	<b>'Flame Seedless'</b>	<b>'Ruby Seedless'</b>	<b>'Sheegene 1' ('Kaylee Seedless')</b>
<input checked="" type="checkbox"/> *Time of: bud burst	early	early		medium

<input type="checkbox"/> *Young shoot: openness of tip	half open	wide open	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	absent or very sparse	absent or very sparse		medium to dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak			
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	absent or very sparse	sparse
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	dark copper red	light copper red	light copper red	green
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	very sparse to sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	medium
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect to horizontal	semi-erect to horizontal		horizontal
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	green and red	green	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green	green	green
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	red	green	green	green
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green	green	green
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse			
<input type="checkbox"/> Shoot: length of tendrils	medium			medium
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium			
<input type="checkbox"/> *Mature leaf: size of blade	large	medium	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	pentagonal	wedge-shaped	circular	circular
<input type="checkbox"/> Mature leaf: blistering of upper side	absent or	weak	absent or	weak to

of blade	very weak		very weak	medium
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium	medium	shallow	shallow to medium
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	half open	half open	slightly open
<input type="checkbox"/> *Mature leaf: length of teeth	short to medium	short	short	medium
<input checked="" type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	small to medium	medium	medium to large
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	low to medium	absent or very low	absent or very low
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse		
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse		
<input checked="" type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	equal	moderately shorter	moderately shorter	equal
<input type="checkbox"/> *Time of: beginning of berry ripening	early to medium	very early to early	medium	early to medium
<input type="checkbox"/> *Bunch: size (peduncle excluded)	large	small	small to medium	medium to large
<input type="checkbox"/> *Bunch: density	lax to medium	lax to medium	lax	lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Berry: size	medium to large	small to medium	medium	large to very large
<input checked="" type="checkbox"/> *Berry: shape	globose	globose	broad ellipsoid	broad ellipsoid

<input type="checkbox"/> *Berry: colour of skin (without bloom)	dark red violet	dark red violet or grey red	dark red violet	dark red violet
<input type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy	moderately easy	moderately easy
<input type="checkbox"/> Berry: thickness of skin	medium	medium	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak		absent or very weak
<input checked="" type="checkbox"/> Berry: firmness of flesh	soft or slightly firm	soft or slightly firm	moderately firm	very firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	rudimentary	none
<input type="checkbox"/> Woody shoot: main colour	orange brown	orange brown	orange brown	orange brown

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Three'</b>	<b>'Flame Seedless'</b>	<b>'Ruby Seedless'</b>	<b>'Sheegene 1' ('Kaylee Seedless')</b>
<input type="checkbox"/> Berry: colour	grey-purple 187B or 181A or 183A	grey or red-purple 187 or 185A or 138 or 59	grey purple or grey red 181A or 183 or 184 or 185A	grey-purple 187B or 181A or 183A
<input type="checkbox"/> Berry: colour uniformity	uniform	uniform	uniform	uniform
<input type="checkbox"/> Berry: maturity (Brix)	26.5	21.5	21.4	19.5

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Three'</b>	<b>'Flame Seedless'</b>	<b>'Ruby Seedless'</b>	<b>'Sheegene 1' ('Kaylee Seedless')</b>
<input checked="" type="checkbox"/> Berry: length (mm)				
Mean	18.30	16.00	18.6	27.30
Std. Deviation	1.40	1.7	1.8	2.60
Lsd/sig	1.59	P≤0.01	ns	P≤0.01

<input checked="" type="checkbox"/> Berry: Length to width ratio				
Mean	1.06	1.06	1.15	1.26
Std. Deviation	0.06	0.05	0.07	0.13
Lsd/sig	0.15	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> <input type="checkbox"/> Leaf: Ratio of leaf length to leaf width:				
Mean	0.69	0.79	0.73	0.70
Std. Deviation	0.04	0.08	0.07	0.08
Lsd/sig	0.07	P<0.01	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio petiole length to leaf length				
Mean	1.03	0.78	0.82	0.97
Std. Deviation	0.20	0.16	0.11	0.21
Lsd/sig	0.17	ns	P≤0.01	ns

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2012	granted	'IFG Three'
USA	2009	granted	'IFG Three'
South Africa	2012	granted	'IFG Three'
Peru	2011	granted	'IFG Three'
Chile	2012	granted	'IFG Three'
Mexico	2013	granted	'IFG Three'
Brazil	2011	pending	'IFG Three'

First sold in USA on 10<sup>th</sup> October 2008

Description: **Alison MacGregor**, Mildura

<b>Details of Application</b>	
<b>Application Number</b>	2013/030
<b>Variety Name</b>	'IFG Nine'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape vine
<b>Synonym</b>	
<b>Accepted Date</b>	11 Feb 2013
<b>Applicant</b>	International Fruit Genetics LLC, CA, United States of America
<b>Agent</b>	Alison MacGregor, Mildura, Victoria, Australia
<b>Qualified Person</b>	Alison MacGregor
<b>Details of Comparative Trial</b>	
<b>Location</b>	Merbein South, Victoria
<b>Descriptor</b>	Grapevine UPOV TG/50/9
<b>Period</b>	September 2013 to March 2017
<b>Conditions</b>	'IFG Nine' vines were grafted onto Paulsen rootstock in 2013 in a replicated comparator trial in a commercial table grape vineyard in North West Victoria. Plant measurements of the candidate variety and two comparator varieties commenced in January 2014 and were completed by March 2017. The vines were managed according to the weed, nutrition, irrigation and pest management programs of the rest of the commercial vineyard.
<b>Trial Design</b>	Five replicate plots of each variety, each containing six vines, were allocated in a randomised block design within two vine rows. Each plot contained six vines. In total there were thirty vines of the candidate and of each comparator variety.
<b>Measurements</b>	Observations from the candidate were compared against the comparator varieties and were also compared against the description in US patent USPP23744.
<b>RHS Chart - edition</b>	RHS colour chart fifth edition reprinted in 2007
<b>Origin and Breeding</b>	
Controlled pollination: Hand pollinated cross of the pollen parent 'Princess' variety (non-patented) and 'Red Globe' variety (U.S. Plant Pat. No.4,787 expired) as the seed parent, in May 2001. The seeds were germinated and resulting plants were planted in 2002, from which it was asexually propagated in 2003. Three further generations of asexual propagation have been true-to-type. Breeder: David Cain, International Fruit Genetics LLC, CA, United States of America	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Berry	colour	red
Berry	maturity	mid season

Berry	seededness	seedless
Berry	natural size without GA	ranges from medium to very large
Berry	particular flavour	none
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Sheegene 1’	red, seedless, naturally large, obtuse-ovoid berry	
‘Sugra-nineteen’ (‘Scarlotta’)	red, seedless, broad elliptic berry, maturing mid-late season	
‘Sheegene 20’ (‘Allison’)	red, seedless, obtuse ovoid berry, maturing mid-season	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
‘Crimson Seedless’	berry	colour of skin (without bloom)	uniform red or uniform dark red violet	mix of dark red violet, grey red and green (uneven colour development)	colour development is very even in the candidate but very uneven in crimson seedless
‘Crimson Seedless’	berry	shape	broader ovoid berry,	narrow ellipsoid,	
‘Crimson Seedless’	time of	beginning of berry ripening	two weeks earlier maturing than crimson seedless	maturing two weeks later than the candidate	maturity of the candidate was sufficiently advanced compared to crimson seedless to exclude Crimson seedless as a comparator
‘Sheegene 10’ "Russells Pride"	time of:	beginning of ripening	mid season	early to mid season	Sheegene 10 matures earlier than the candidate
‘Sheegene 10’ "Russells Pride"	bunch	density	medium	lax	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from the comparators are marked with a tick.</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Nine'</b>	<b>'Sheegene 1' ('Kaylee seedless')</b>	<b>'Sheegene 20' ('Allison')</b>	<b>'Sugra-nineteen' ('Scarlotta')</b>
<input checked="" type="checkbox"/> *Time of: bud burst	early	medium	early	medium
<input type="checkbox"/> *Young shoot: openness of tip	wide open	half open	half open	fully open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	medium	medium to dense	medium	sparse
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	sparse	absent or very sparse	
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	light copper red	green	light copper red	light copper red
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	very sparse to sparse	sparse	absent or very sparse
<input checked="" type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	medium	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect	horizontal		horizontal to semi-drooping
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	red	green and red	green	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green	green	green
<input type="checkbox"/> Shoot: colour of dorsal side of nodes	green and red	green		
<input type="checkbox"/> Shoot: colour of ventral side of nodes	green	green		
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse		absent or very sparse	
<input checked="" type="checkbox"/> Shoot: length of tendrils	long	medium	medium	
<input type="checkbox"/> *Flower: sexual organs	fully developed	fully developed	fully developed	fully developed

	stamens and fully developed gynoecium			
<input type="checkbox"/> *Mature leaf: size of blade	large	medium	medium to large	large
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	circular	circular	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	weak to medium	weak	weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	deep to very deep	medium	medium to deep	medium to deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	slightly open	slightly open	slightly open
<input type="checkbox"/> *Mature leaf: length of teeth	short	medium	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium to large	small to medium	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	absent or very low	absent or very low	low to medium
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse			
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	sparse		sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	equal	equal	equal	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	early to medium	early to medium	medium	late
<input type="checkbox"/> *Bunch: size (peduncle)	large	medium to large	medium to large	large

excluded)				
<input type="checkbox"/> *Bunch: density	medium	lax	medium	medium
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	long	medium	short	short
<input type="checkbox"/> *Berry: size	medium to large	large to very large	medium	large
<input checked="" type="checkbox"/> *Berry: shape	obovoid	broad ellipsoid	obtuse ovoid	broad ellipsoid
<input checked="" type="checkbox"/> *Berry: colour of skin (without bloom)	red, or dark red violet	dark red violet	red	grey red
<input checked="" type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy	moderately easy	difficult
<input type="checkbox"/> Berry: thickness of skin	medium	thin	medium	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	very weak to weak
<input checked="" type="checkbox"/> Berry: firmness of flesh	very firm	moderately firm	soft or slightly firm	soft or slightly firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	rudimentary	rudimentary
<input type="checkbox"/> Woody shoot: main colour	orange brown	orange brown	reddish brown	reddish brown

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'IFG Nine'</b>	<b>'Sheegene 1' (Kaylee seedless')</b>	<b>'Sheegene 20' ('Allison')</b>	<b>'Sugra-nineteen' ('Scarlotta')</b>
<input checked="" type="checkbox"/> Mature leaf: length of main vein (mm)				
Mean	115.00	90.00	109.00	115.00
Std. Deviation	19.00	13.00	16.00	24.00
Lsd/sig	5.9	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Mature leaf:: width (mm)				
Mean	157.00	130.00	145.00	151.00
Std. Deviation	26.00	17.00	20.00	29.00
Lsd/sig	7.6	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> mature leaf: depth upper lateral sinus (mm)				
Mean	26.00	12.00	14.00	18.00

Std. Deviation	6.00	6.00	6.00	9.00
Lsd/sig	2.24	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Berry: width (mm)				
Mean	19.00	22.00	20.00	18.00
Std. Deviation	2.00	1.80	2.50	1.60
Lsd/sig	1.85	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Bunch: weight (g)				
Mean	853.00	536.00	696.00	849.00
Std. Deviation	199.00	86.00	102.00	236.00
Lsd/sig	73	ns	ns	ns
<input type="checkbox"/> Berry: length (mm)				
Mean	25.00	27.00	25.00	22.00
Std. Deviation	3.00	3.00	3.00	3.00
Lsd/sig	0.87	ns	ns	ns
<input type="checkbox"/> Berry: ratio berry length to width				
Mean	1.30	1.20	1.30	1.20
Std. Deviation	0.13	0.10	0.20	0.10
Lsd/sig	0.02	ns	ns	ns

### **Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2011	pending	'IFG Nine'
USA	2012	pending	'IFG Nine'

First sold in USA on 14<sup>th</sup> October 2010

Description: **Alison MacGregor**, Mildura, Victoria, Australia

<b>Details of Application</b>	
<b>Application Number</b>	2006/253
<b>Variety Name</b>	'Mr Green Sheen'
<b>Genus Species</b>	<i>Dodonaea viscosa</i>
<b>Common Name</b>	Hop Bush
<b>Synonym</b>	
<b>Accepted Date</b>	14 Dec 2006
<b>Applicant</b>	Stephen Membrey and Gayle Membrey, Frankston, Vic 3119
<b>Agent</b>	
<b>Qualified Person</b>	Mark Lunghusen
<b>Details of Comparative Trial</b>	
<b>Location</b>	Tynong Vic
<b>Descriptor</b>	PBR Dodonaea
<b>Period</b>	Summer to Winter 2018
<b>Conditions</b>	Plants were grown in 20cm pots in commercial pine bark based media and controlled release fertiliser. Plants were irrigated with overhead watering as required. Plants were grown in a plastic covered greenhouse with sides that were opened for ventilation as required.
<b>Trial Design</b>	10 plants in block design
<b>Measurements</b>	Taken from middle third of stem
<b>RHS Chart - edition</b>	Fifth Edition
<b>Origin and Breeding</b>	
Selection: A seedling from a roadside planting of <i>Dodonaea viscosa</i> was selected as showing the listed characteristics and propagated by cuttings to establish distinctness, uniformity and stability. Breeder Mr Stephen Membrey, Frankston, Vic 3119, Australia.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	green
Leaf	shape	oblanceolate
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
<i>Dodonaea viscosa</i>	Typical form	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'Mr Green Sheen'</b>	<b><i>Dodonaea viscosa</i> typical form</b>
<input type="checkbox"/> plant : height	short to medium	tall
<input type="checkbox"/> <input type="checkbox"/> plant: width	narrow	broad
<input type="checkbox"/> shoot: length of internodes	short	medium to long

<input type="checkbox"/> Shoot: length	short	medium to long
<input type="checkbox"/> Leaf: length	short to medium	medium to long
<input type="checkbox"/> Leaf: width	narrow	wide
<input type="checkbox"/> Leaf: length / width	medium	medium
<input type="checkbox"/> Leaf: shape of apex	acute	acute

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Mr Green Sheen'</b>	<b><i>Dodonaea viscosa</i> typical form</b>
<input type="checkbox"/> Shoot: colour	166C	172B
<input type="checkbox"/> Leaf: colour of upper side in winter	N137A	147A
<input type="checkbox"/> Leaf: colour of lower side in winter	N137B	147B
<input type="checkbox"/> Leaf: shape	oblanceolate	oblanceolate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Shoot: angle of lateral shoot to main stem	Acute	acute to right angle
<input type="checkbox"/> Leaf: undulation of margin	very weak	weak

**Prior Applications and Sales:**

No prior applications and sale.

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

<b>Details of Application</b>		
<b>Application Number</b>	2011/247	
<b>Variety Name</b>	'Goldenflame'	
<b>Genus Species</b>	<i>Zelkova serrata</i>	
<b>Common Name</b>	Japanese Elm	
<b>Accepted Date</b>	02 Feb 2012	
<b>Applicant</b>	Vic John Ciccolella, Oakville, NSW	
<b>Agent</b>	Fleming's Nurseries, Monbulk, VIC	
<b>Qualified Person</b>	Leanne Gillies	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Monbulk, Victoria	
<b>Descriptor</b>	PBR ULMU Elm ( <i>Ulmus</i> )	
<b>Period</b>	01/01/2012-09/01/2019	
<b>Conditions</b>	The candidate and comparators were grown in a nursery field in natural soil. Irrigation was provided for approximately 2 years during the establishment phase.	
<b>Trial Design</b>	Random block	
<b>Measurements</b>	In accordance with UPOV guidelines	
<b>RHS Chart - edition</b>	1986	
<b>Origin and Breeding</b>		
Chance seedling: In 2002, the candidate was selected as a seedling based on foliage colour attributes. The candidate was propagated via budding and grafting onto <i>Zelkova serrata</i> rootstock. Over a number of generations the candidate 'Goldenflame' has proven to be stable and uniform. Breeder: Vic John Ciccolella		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaves	colour	yellow
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Kiwi Sunset'		

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

<b>Organ/Plant Part: Context</b>	<b>'Goldenflame'</b>	<b>'Kiwi Sunset'</b>
<input type="checkbox"/> Plant: type	tree	tree
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> Trunk: bark type on main stem	glabrous	glabrous
<input type="checkbox"/> Trunk: colour	grey	grey

<input type="checkbox"/>	Trunk: lenticels	present	present
<input type="checkbox"/>	Trunk: lenticel shape	linear	linear
<input type="checkbox"/>	Trunk: lenticel colour	white	grey orange
<input type="checkbox"/>	Young shoots: presence of hairs	present	present
<input checked="" type="checkbox"/>	Young shoot: degree of hairiness	medium	low
<input type="checkbox"/>	Leaf: presence of hairs upper side	present	present
<input type="checkbox"/>	Leaf: degree of hairiness upper side	low to medium	low to medium
<input type="checkbox"/>	Leaf: presence of hairs under side	present	present
<input checked="" type="checkbox"/>	Leaf: degree of hairiness underside	medium	very low to low
<input type="checkbox"/>	Leaf: shape	ovate	ovate
<input type="checkbox"/>	Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/>	Leaf: shape of base	oblique	oblique
<input type="checkbox"/>	Leaf: incision of margin	present	present
<input type="checkbox"/>	Leaf: depth of incision	deep	deep
<input type="checkbox"/>	Leaf: type of incision	serrate	serrate
<input type="checkbox"/>	Leaf: undulation of margin	weak	weak
<input type="checkbox"/>	Leaf: shape in cross section	concave	flat
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/>	Leaf: glossiness of upper side	very weak to weak	very weak to weak
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent
<input type="checkbox"/>	Leaf: primary colour (RHS colour chart)	137A	137A
<input type="checkbox"/>	Leaf: secondary colour (RHS colour chart)	162A	162A

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Goldenflame'</b>	<b>'Kiwi Sunset'</b>
<input checked="" type="checkbox"/> New growth primary colour (RHS 1986): colour	175B	160A

### **Prior Applications and Sales:**

Nil

Description: Leanne Gillies, Monbulk VIC

<b>sDetails of Application</b>	
<b>Application Number</b>	2010/132
<b>Variety Name</b>	'Rambocity'
<b>Genus Species</b>	<i>Anigozanthos</i> hybrid
<b>Common Name</b>	Kangaroo Paw
<b>Synonym</b>	'Bush Tenacity'
<b>Accepted Date</b>	15 Jul 2010
<b>Applicant</b>	Ramm Botanicals Holdings Pty Ltd, 255 Pacific Hwy, Kangy Angy 2258.
<b>Agent</b>	
<b>Qualified Person</b>	Megan Bartley
<b>Details of Comparative Trial</b>	
<b>Location</b>	Kangy Angy NSW
<b>Descriptor</b>	Kangaroo Paw (s) TG/175/3
<b>Period</b>	June 2018 - January 2019
<b>Conditions</b>	Tissue cultured plants of the Candidate and comparators were potted into 140mm standard black plastic pots. 5g of Osmocote Exact standard was added to the surface of the pot at planting. No supplementary fertiliser was used. Plants were grown in the open in full sun. Potting mix was a general-purpose type based on composted pine bark pH 5.9. Routine pest and disease sprays were carried out. No significant pest or disease was encountered during the trial.
<b>Trial Design</b>	15 plants each of the candidate and comparators were arranged in a randomised manner.
<b>Measurements</b>	Observations were taken from 10 randomly selected plants. In accordance with the Technical Guideline, measurements were taken when there were 5 flowers open on the main inflorescence.
<b>RHS Chart - edition</b>	Sixth Edition 2015
<b>Origin and Breeding</b>	
Controlled pollination: 'Rambocity' was developed as part of a breeding program for Kangaroo Paws suited to garden and pot use conducted at Ramm Botanicals. Female parent A02-1555 was crossed with Male parent A02-1534 'Bush Opal' in September 1997. The seed was germinated invitro. 'Rambocity' was selected for development on the basis of suitability to tissue culture production, hardiness, vigour, pot presentation and desirable flower colour. Breeder: Angus Stewart, Somersby NSW.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Perianth tube	predominant colour	yellow
Plant	height	short

Inflorescence	ramification	present
Inflorescence	degree of ramification	primary
Flower	colour group	yellow
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Rambubona’		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
‘Cape Aurora’	Ovary	colour of hairs	red	yellow	Cape Aurora
‘Rambotasy’	Plant	number of inflorescences	medium	many	Rambotasy
‘Joey Sprite’	Plant	height	short	shorter	Joey Sprite
‘Joey Sprite’	Inflorescence	ramification	present	absent	Joey Sprite
‘KLEAC11211’	Plant	height	short	shorter	KLEAC11211

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>‘Rambocity’</b>	<b>‘Rambubona’</b>
<input type="checkbox"/> *Plant: height	short	short
<input checked="" type="checkbox"/> Plant: number of inflorescences	medium	few
<input type="checkbox"/> Leaf: length	short to medium	short to medium
<input checked="" type="checkbox"/> Leaf: width	narrow	medium
<input checked="" type="checkbox"/> *Leaf: attitude	semi-erect	erect
<input type="checkbox"/> Leaf: degree of curvature	strongly curved	strongly curved
<input type="checkbox"/> Leaf: colour	green	green
<input checked="" type="checkbox"/> Leaf: glaucosity	weak	medium
<input type="checkbox"/> Leaf: degree of hairiness of margin	weakly expressed	weakly expressed
<input type="checkbox"/> *Inflorescence: ramification	present	present

<input type="checkbox"/>	Inflorescence: degree of ramification	primary	primary
<input type="checkbox"/>	Inflorescence: number of flowers	few to medium	few to medium
<input checked="" type="checkbox"/>	Pedice: colour of hairs (RHS colour chart)	Red N45A	Yellow-Orange 14B
<input type="checkbox"/>	Perianth tube: length	short	short
<input type="checkbox"/>	Perianth tube: width	narrow to medium	narrow to medium
<input type="checkbox"/>	Perianth tube: profile	broadening evenly	parallel
<input type="checkbox"/>	*Perianth tube: predominant colour	yellow	yellow
<input type="checkbox"/>	Perianth tube: number of colours of hair	one	one
<input type="checkbox"/>	Perianth tube: colour of tip of hairs (RHS colour chart)	Yellow-Orange 15B	Yellow-Orange 14B
<input type="checkbox"/>	Perianth tube: colour of middle third of hairs (RHS colour chart)	Yellow-Orange 15B	Yellow-Orange 14B
<input type="checkbox"/>	Perianth lobe: length of longest	medium to long	medium to long
<input type="checkbox"/>	*Perianth lobes: reflexing	strong	medium
<input type="checkbox"/>	Flower: number of anthers at top of perianth	two	four
<input checked="" type="checkbox"/>	Ovary: colour of hairs (RHS colour chart)	Red N45A	Yellow-Orange 14B
<input type="checkbox"/>	Flower: position of stigma in relation to anthers	same level	same level
<input checked="" type="checkbox"/>	Time of: beginning of flowering	very early	early to medium

### **Prior Applications and Sales:**

No prior applications.

First sold in Australia on 2<sup>nd</sup> of July 2009 as 'Bush Tenacity'

Description: **Megan bartley**, Ramm Botanicals Holdings Pty Ltd, 255 Pacific Hwy, Kangy Angy 2258

<b>Details of Application</b>	
<b>Application Number</b>	2017/087
<b>Variety Name</b>	'GZ-006'
<b>Genus Species</b>	<i>Zoysia matrella</i>
<b>Common Name</b>	Manila Grass
<b>Accepted Date</b>	26 Apr 2017
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD
<b>Qualified Person</b>	Dr Donald S. Loch
<b>Details of Comparative Trial</b>	
<b>Location</b>	Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl)
<b>Descriptor</b>	PBR ZOYS
<b>Period</b>	27 May 2017 – 24 Apr 2018
<b>Conditions</b>	Plugs of vegetative sod (c. 80 x 80 mm) planted into a red volcanic (krasnozem or ferrosol) soil on 27 May 2017; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied at planting on 27 May 2017 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare; weed control by pendimethalin (Stomp 440) applied before planting on 18 May 2017; post-planting broadleaf weed control with 2,4-D (Kendon 2,4-D Amine 625) as required to control bellvine ( <i>Ipomoea plebeia</i> ) and other broadleaf weeds; supplementary trickle irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	30 plants of each of 2 <i>Zoysia matrella</i> cultivars ('GZ-006', 'G-10') arranged in 10 randomised blocks with 3 plants per plot in a single row along a single trickle irrigation line; 1.0 m between plants, 1.5 m between rows.
<b>Measurements</b>	Observations of flowering behaviour ongoing throughout the trial. Maximum spread measured on 1 Feb 2018 (250 days after field planting) and plant height measured on 3 Feb 2018 (252 days after field planting). Stolon characteristics at 4th visible node and internode measured on 3-7 Feb 2018. Measurements on the 4th fully expanded leaf on vegetative tillers made on 3 Mar 2018. Fertile tiller characteristics (culms, 2nd tiller internode, flag and 3rd leaves, inflorescences) measured 17-24 Apr 2018. One measurement per plant made for all attributes. Analyses of variance (ANOVAs) conducted with Genstat Release 12; differences significant at the 1% level quantified using Fisher's protected LSDs.
<b>RHS Chart - edition</b>	2007 (5th edition)
<b>Origin and Breeding</b>	
Clonal selection: 'GZ-006' came from a breeding population of 24 <i>Zoysia matrella</i> seedlings generated by the breeder at Sheldon (QLD) in 2003. Individually, the seedlings in this population showed considerable variation in leaf texture, turf colour, rate of lateral spread, inflorescence development, and size and visibility of	

inflorescences in the unmown sward. 'GZ-006' was short-listed for further assessment based on its short inconspicuous inflorescences, fine mid-green leaves, and good rate of lateral spread. Following observations at Sheldon and Alexandra Hills (QLD) in pots comparing it with current cultivars and a range of other experimental lines, 'GZ-006' was expanded into field plantings at Rochedale (QLD) in 2009 and Boyland (QLD) in 2011. 'GZ-006' was selected primarily for the low visibility of its short inflorescences which enhances its high turf quality, together with its bright mid-green colour, fine leaf texture, turf density and quality under mowing, and high shade tolerance. Breeder: Dr Donald S. Loch (GeneGro Pty Ltd, Alexandra Hills, QLD).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	length	short
Leaf	width	narrow
Leaf	colour	mid-yellow-green

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

Name	Comments
'G-10'	Another candidate <i>Zoysia matrella</i> variety (application no. 2015/158)

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Facet'	Leaf	length	short	very short	U.S. Plant Patent 10636 granted 6 Oct 1998. Australian application no. 2001/200; granted 08 Aug 2001
'G-4'	Leaf	colour	mid-yellow-green	dark green	Another candidate <i>Zoysia matrella</i> variety (application no. 2014/073)
'A-1'	Leaf	length	short	long	Australian application no. 2008/091; granted 16 Dec 2008
'A-1'	Leaf	width	narrow	broad	
'GZ-022'	Leaf	length	short	long	
'GZ-022'	Leaf	width	narrow	broad	Another candidate <i>Zoysia matrella</i> variety (application no. 2017/088)
'Cavalier'	Leaf	length	short	very long	U.S. Plant Patent

					10778 granted 2 Feb 1999. Australian application no. 2001/ 018; granted 16 Mar 2001
'Cavalier'	Leaf	width	narrow	broad-very broad	

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

<b>Organ/Plant Part: Context</b>	<b>'GZ-006'</b>	<b>'G-10'</b>
<input checked="" type="checkbox"/> Plant: height	medium	short
<input checked="" type="checkbox"/> Plant: width	broad	medium
<input type="checkbox"/> Plant: density	very dense	very dense
<input type="checkbox"/> Stolon: nodes	compound	compound
<input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only)	three	three
<input type="checkbox"/> Stolon: number of branches	very many	very many
<input type="checkbox"/> Stolon: length of internode	very short	very short
<input checked="" type="checkbox"/> Stolon : width of internode	narrow	very narrow
<input checked="" type="checkbox"/> Stolon: colour where exposed to the sun (RHS)	183A	N79A
<input type="checkbox"/> Stolon: anthocyanin coloration of leaf sheath	absent or very weak	absent or very weak
<input type="checkbox"/> Stolon: length of outer leaf sheath	very short	very short
<input type="checkbox"/> Stolon: hairiness of leaf sheath	absent	absent
<input type="checkbox"/> Culm: length	very short to short	very short to short
<input checked="" type="checkbox"/> Culm: width	very narrow	very narrow
<input type="checkbox"/> Culm: node pubescence	absent	absent
<input type="checkbox"/> Culm: stem pubescence	absent	absent
<input checked="" type="checkbox"/> Culm: flag leaf sheath length	very short	very short
<input type="checkbox"/> Culm: flag leaf blade length	very short	very short to short
<input type="checkbox"/> Culm: flag leaf blade width	very narrow	very narrow
<input type="checkbox"/> Culm: flag leaf blade shape	linear triangular	linear triangular
<input type="checkbox"/> Culm: leaf sheath length (3rd leaf fertile tiller)	very short to short	very short
<input checked="" type="checkbox"/> Culm: leaf blade length (3rd leaf fertile tiller)	short	very short

<input checked="" type="checkbox"/>	Culm: leaf blade width (3rd leaf fertile tiller)	very narrow	narrow
<input type="checkbox"/>	Culm: leaf sheath length (vegetative tiller)	very short	very short
<input checked="" type="checkbox"/>	Culm: leaf blade length (vegetative tiller)	short to medium	short to medium
<input checked="" type="checkbox"/>	Culm: leaf blade width (vegetative tiller)	very narrow	narrow
<input type="checkbox"/>	Culm: leaf blade shape (vegetative tiller)	linear	linear
<input type="checkbox"/>	Leaf: leaf blade shape of apex	narrow acute	narrow acute
<input type="checkbox"/>	Leaf: colour (RHS)	146A	146A
<input type="checkbox"/>	Leaf: leaf sheath presence of hairs	absent	absent
<input type="checkbox"/>	Leaf: leaf blade presence of hairs upper side	absent	absent
<input type="checkbox"/>	Leaf : leaf blade presence of hairs lower side	absent	absent
<input type="checkbox"/>	Leaf: leaf blade margin	smooth	smooth
<input type="checkbox"/>	Leaf: ligule	fringe of hairs	fringe of hairs
<input checked="" type="checkbox"/>	Peduncle: length	very short	very short
<input type="checkbox"/>	Peduncle: width	very narrow	very narrow
<input type="checkbox"/>	Inflorescence: spikelet density	sparse to medium	sparse to medium
<input checked="" type="checkbox"/>	Inflorescence: length	very short	very short
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets	very few	very few
<input type="checkbox"/>	Spikelet: stigma colour	white	white
<input type="checkbox"/>	Spikelet: presence of awn	absent	absent
<input type="checkbox"/>	Flower: time of flowering	Apr-Oct	Apr-Oct

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'GZ-006'</b>	<b>'G-10'</b>
<input type="checkbox"/> Leaf: leaf blade vernation	rolled	rolled
<input checked="" type="checkbox"/> Flower: start of flowering	week beginning April 15	week beginning April 1
<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'GZ-006'</b>	<b>'G-10'</b>
<input checked="" type="checkbox"/> Plant: maximum height of sward 252 days after planting (mm)		
Mean	103.20 mm	87.03 mm
Std. Deviation	19.06	25.51
Lsd/sig	15.12	P≤0.01
<input checked="" type="checkbox"/> Plant: maximum diameter of lateral spread 250 days after planting (cm)		
Mean	119.73 cm	103.26 cm
Std. Deviation	15.33	15.39

Lsd/sig	15.42	P≤0.01
<input type="checkbox"/> Stolon: total number of branches on nodes 2-6		
Mean	17.47	16.70
Std. Deviation	4.01	4.46
Lsd/sig	3.40	ns
<input type="checkbox"/> Stolon: length of internode #4 (mm)		
Mean	11.75	11.77
Std. Deviation	1.37	1.42
Lsd/sig	1.20	ns
<input checked="" type="checkbox"/> Stolon: diameter of internode #4 (mm)		
Mean	1.20	1.10
Std. Deviation	0.07	0.10
Lsd/sig	0.08	P≤0.01
<input type="checkbox"/> Stolon: length of outer leaf sheath at node #4 (mm)		
Mean	8.52	7.98
Std. Deviation	1.19	1.07
Lsd/sig	1.03	ns
<input type="checkbox"/> Vegetative tiller: length of sheath on 4th leaf (mm)		
Mean	13.37	14.10
Std. Deviation	2.35	2.73
Lsd/sig	2.22	ns
<input type="checkbox"/> Vegetative tiller: length of blade on 4th leaf (mm)		
Mean	49.45	44.82
Std. Deviation	9.30	10.39
Lsd/sig	8.24	ns
<input checked="" type="checkbox"/> Vegetative tiller: width of blade on 4th leaf (mm)		
Mean	1.11	1.30
Std. Deviation	0.11	0.14
Lsd/sig	0.11	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: length:width ratio of blade on 4th leaf		
Mean	45.02	34.76
Std. Deviation	9.80	8.66
Lsd/sig	7.76	P≤0.01
<input type="checkbox"/> Fertile tiller: length (mm)		
Mean	91.03	91.60
Std. Deviation	14.02	14.86
Lsd/sig	8.18	ns
<input type="checkbox"/> Fertile tiller: length of internode #2 (mm)		
Mean	13.22	12.37
Std. Deviation	5.26	5.54
Lsd/sig	2.78	ns
<input checked="" type="checkbox"/> Fertile tiller: diameter of internode #2 (mm)		

Mean	0.35	0.37
Std. Deviation	0.04	0.03
Lsd/sig	0.02	P<0.01
<input checked="" type="checkbox"/> Fertile tiller: length of sheath on flag leaf (mm)		
Mean	14.75	17.72
Std. Deviation	1.91	3.51
Lsd/sig	1.99	P<0.01
<input type="checkbox"/> Fertile tiller: length of flag leaf blade (mm)		
Mean	2.33	1.82
Std. Deviation	1.50	1.28
Lsd/sig	0.88	ns
<input type="checkbox"/> Fertile tiller: length of sheath on 3rd leaf (mm)		
Mean	15.12	13.42
Std. Deviation	3.70	3.22
Lsd/sig	1.94	ns
<input checked="" type="checkbox"/> Fertile tiller: length of blade on 3rd leaf (mm)		
Mean	32.93	28.33
Std. Deviation	5.38	5.38
Lsd/sig	3.05	P<0.01
<input checked="" type="checkbox"/> Fertile tiller: width of blade on 3rdmm leaf (mm)		
Mean	1.28	1.38
Std. Deviation	0.15	0.16
Lsd/sig	0.06	P<0.01
<input checked="" type="checkbox"/> Fertile tiller: length:width ratio of blade on 3rd leaf		
Mean	26.00	20.65
Std. Deviation	4.57	5.17
Lsd/sig	2.52	P<0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	14.89	17.88
Std. Deviation	3.63	4.52
Lsd/sig	2.79	P<0.01
<input type="checkbox"/> Peduncle: diameter (mm)		
Mean	0.38	0.37
Std. Deviation	0.05	0.05
Lsd/sig	0.03	ns
<input checked="" type="checkbox"/> Inflorescence: length (mm)		
Mean	11.20	13.17
Std. Deviation	1.15	1.18
Lsd/sig	0.86	P<0.01
<input checked="" type="checkbox"/> Inflorescence: number of spikelets		
Mean	10.23	12.00
Std. Deviation	1.41	1.20

Lsd/sig	0.92	P≤0.01
<input type="checkbox"/> Inflorescence: number of spikelets per cm		
Mean	9.13	9.14
Std. Deviation	0.76	0.85
Lsd/sig	0.61	ns

**Prior Applications and Sales:**

Nil

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

<b>Details of Application</b>	
<b>Application Number</b>	2017/088
<b>Variety Name</b>	'GZ-022'
<b>Genus Species</b>	<i>Zoysia matrella</i>
<b>Common Name</b>	Manila Grass
<b>Accepted Date</b>	24 Apr 2017
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD
<b>Qualified Person</b>	Dr Donald S. Loch
<b>Details of Comparative Trial</b>	
<b>Location</b>	Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl)
<b>Descriptor</b>	PBR ZOYS
<b>Period</b>	7 Feb 2015 – 13 Nov 2015
<b>Conditions</b>	Vegetative plugs established in 95 x 95 mm pots from Dec 2014; planted into a red volcanic (krasnozem or ferrosol) soil on 7 Feb 2015; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied after planting on 8 Feb 2016 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare; weed control by pendimethalin (Rifle 440) applied at planting on 9 Feb 2015; post-planting broadleaf weed control with 2,4-D (Kendon 2,4-D Amine 625) on 10 Jul 2015, flazasulfuron (Katana) on 31 Jul 2015, and 2,4-D + fluroxypyr (Starane Advanced) on 8 Aug 2015; supplementary trickle irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	30 plants of each of 3 <i>Zoysia matrella</i> cultivars ('GZ-022', 'A-1', 'Cavalier') plus 3 additional <i>Z. matrella</i> cultivars ('G-4', 'G-10', 'Facet') and <i>Z. japonica</i> x <i>Z. matrella</i> 'ZT-11' not reported arranged in 6 randomised blocks with 5 plants per plot in a single row along a single trickle irrigation line; 1.0 m between plants, 1.5 m between rows.
<b>Measurements</b>	Maximum spread measured on 6 Oct 2015 (241 days after field planting) and plant height measured on 12 Oct 2015 (247 days after field planting). Measurements on the 4th fully expanded leaf on vegetative tillers made on 3-8 Nov 2015. Fertile tiller characteristics (culms, flag and 4th leaves, stems, inflorescences) measured 3-8 Nov 2015. Stolon characteristics at 4th visible node and internode measured on 13 Nov 2015. One measurement per plant made for all attributes. Analyses of variance (ANOVAs) conducted with Genstat Release 12; differences significant at the 1% level quantified using Fisher's protected LSDs.
<b>RHS Chart - edition</b>	2007 (5th edition)
<b>Origin and Breeding</b>	
Clonal selection: 'GZ-022' was discovered as a dark green, finer-textured plant growing among 'ZT-11' on the breeder's property at Sheldon (QLD) in 2006. Following observations at Sheldon and Alexandra Hills (QLD) in pots comparing it with current cultivars and a range of other experimental lines, 'GZ-022' was expanded	

into field plots at Boyland (QLD) in 2011 and later at Birkdale (QLD) and Sydney (NSW). 'GZ-022' was selected for release based on its dark-green colour, medium-fine leaf texture, and turf quality under mowing over 6 years (2011-16), together with its high shade tolerance as shown by its ability to maintain sward density under greatly reduced light levels. Breeder: Dr Donald S. Loch (GeneGro Pty Ltd, Alexandra Hills, QLD).

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

Organ/Plant Part	Context	
Leaf	length	long to very long
Leaf	width	broad to very broad

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

Name	Comments
'A-1'	Australian application no. 2008/091; granted 16 Dec 2008
'Cavalier'	U.S. Plant Patent 10778 granted 2 Feb 1999. Australian application no. 2001/018; granted 16 Mar 2001

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Facet'	Leaf	length	long	very short	U.S. Plant Patent 10636 granted 6 Oct 1998. Australian application no. 2001/200; granted 08 Aug 2001
'Facet'	Leaf	width	broad	narrow	
'G-4'	Leaf	length	long	short	Another candidate Zoysia matrella variety (application no. 2014/073)
'G-4'	Leaf	width	broad	very narrow	
'G-10'	Leaf	length	long	short	Another candidate Zoysia matrella variety (application no. 2015/158)
'G-10'	Leaf	width	broad	narrow	

**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	'GZ-022'	'A-1'	'Cavalier'
<input checked="" type="checkbox"/> Plant: height	medium to tall	medium to tall	very tall

<input checked="" type="checkbox"/>	Plant: width	medium	medium to broad	very broad
<input type="checkbox"/>	Plant: density	dense	dense	dense
<input type="checkbox"/>	Stolon: nodes	compound	compound	compound
<input type="checkbox"/>	Stolon: number of subtending leaves (compound nodes only)	three	three	three
<input type="checkbox"/>	Stolon: number of branches	medium to many	medium to many	many
<input checked="" type="checkbox"/>	Stolon: length of internode	short to medium	medium	medium to long
<input type="checkbox"/>	Stolon : width of internode	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/>	Stolon: colour where exposed to the sun (RHS)	N79A	darker than N79A	N79A
<input type="checkbox"/>	Stolon: anthocyanin coloration of leaf sheath	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Stolon: length of outer leaf sheath	medium	medium	short
<input type="checkbox"/>	Stolon: hairiness of leaf sheath	absent	absent	absent
<input checked="" type="checkbox"/>	Culm: length	medium	long	very long
<input type="checkbox"/>	Culm: width	medium	narrow to medium	narrow to medium
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	absent	absent	absent
<input type="checkbox"/>	Culm: flag leaf sheath length	short to medium	medium	short to medium
<input type="checkbox"/>	Culm: flag leaf blade length	short	short to medium	very short to short
<input type="checkbox"/>	Culm: flag leaf blade width	very narrow	very narrow	very narrow
<input type="checkbox"/>	Culm: flag leaf blade shape	linear triangular	linear triangular	linear triangular
<input checked="" type="checkbox"/>	Culm: leaf sheath length (3rd leaf fertile tiller)	medium	short	long to very long
<input checked="" type="checkbox"/>	Culm: leaf blade length (3rd leaf fertile tiller)	medium to long	medium	long to very long
<input type="checkbox"/>	Culm: leaf blade width (3rd leaf fertile tiller)	broad	medium to broad	broad to very broad
<input checked="" type="checkbox"/>	Culm: leaf sheath length (vegetative tiller)	medium	short	long to very long
<input checked="" type="checkbox"/>	Culm: leaf blade length (vegetative tiller)	medium	medium	long
<input checked="" type="checkbox"/>	Culm: leaf blade width (vegetative tiller)	medium	medium	broad

<input type="checkbox"/> Culm: leaf blade shape (vegetative tiller)	linear	linear	linear
<input type="checkbox"/> Leaf: leaf blade shape of apex	narrow acute	narrow acute	narrow acute
<input type="checkbox"/> Leaf: colour (RHS)	137A	137A	137C
<input type="checkbox"/> Leaf: leaf sheath presence of hairs	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade presence of hairs upper side	absent	absent	absent
<input type="checkbox"/> Leaf : leaf blade presence of hairs lower side	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade margin	smooth	smooth	smooth
<input type="checkbox"/> Leaf: ligule	fringe of hairs	fringe of hairs	fringe of hairs
<input type="checkbox"/> Peduncle: length	medium	medium	long
<input type="checkbox"/> Peduncle: width	narrow to medium	medium	broad
<input type="checkbox"/> Inflorescence: spikelet density	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/> Inflorescence: length	short to medium	short	medium
<input type="checkbox"/> Inflorescence: number of spikelets	few to medium	few	medium
<input type="checkbox"/> Spikelet: stigma colour	white	white	white
<input type="checkbox"/> Spikelet: presence of awn	absent	absent	absent
<input type="checkbox"/> Flower: time of flowering	Apr-Oct	Apr-Oct	Apr-Oct

<b>Characteristics Additional to the Descriptor/TG</b>			
<b>Organ/Plant Part: Context</b>	<b>'GZ-022'</b>	<b>'A-1'</b>	<b>'Cavalier'</b>
<input type="checkbox"/> Leaf: leaf blade vernation	rolled	rolled	rolled
<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'GZ-022'</b>	<b>'A-1'</b>	<b>'Cavalier'</b>
<input type="checkbox"/> Fertile tiller: diameter of internode #4 (mm)			
Mean	0.54	0.47	0.48
Std. Deviation	0.09	0.10	0.12
Lsd/sig	0.07	ns	ns
<input type="checkbox"/> Fertile tiller: length of sheath on flag leaf (mm)			
Mean	21.57	22.83	21.07
Std. Deviation	3.28	4.59	4.16
Lsd/sig	2.49	ns	ns
<input checked="" type="checkbox"/> Plant: maximum height of sward 241 days after planting (mm)			
Mean	171.00	163.03	220.73

Std. Deviation	20.01	13.20	16.10
Lsd/sig	17.00	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: maximum diameter of lateral spread 247 days after planting (cm)			
Mean	156.38	161.97	192.93
Std. Deviation	18.03	23.23	22.59
Lsd/sig	14.00	ns	P≤0.01
<input type="checkbox"/> Stolon: total number of branches on nodes 2-6			
Mean	9.20	10.17	11.53
Std. Deviation	2.62	2.94	2.58
Lsd/sig	3.17	ns	ns
<input checked="" type="checkbox"/> Stolon: length of internode #4 (mm)			
Mean	26.57	27.97	32.33
Std. Deviation	2.94	3.86	5.31
Lsd/sig	4.60	ns	P≤0.01
<input type="checkbox"/> Stolon: diameter of internode #4 (mm)			
Mean	1.39	1.39	1.36
Std. Deviation	0.13	0.14	0.11
Lsd/sig	0.10	ns	ns
<input checked="" type="checkbox"/> Stolon: length of outer leaf sheath at node #4 (mm)			
Mean	12.07	12.27	10.53
Std. Deviation	1.20	1.41	1.41
Lsd/sig	1.52	ns	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: length of sheath on 4th leaf (mm)			
Mean	15.90	12.66	23.81
Std. Deviation	3.99	3.34	4.14
Lsd/sig	2.13	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: length of blade on 4th leaf (mm)			
Mean	47.28	48.76	70.35
Std. Deviation	8.50	7.30	10.13
Lsd/sig	6.56	ns	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: width of blade on 4th leaf (mm)			
Mean	1.43	1.44	1.71
Std. Deviation	0.22	0.24	0.34
Lsd/sig	0.21	ns	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: length:width ratio of blade on 4th leaf			
Mean	33.42	34.44	42.29
Std. Deviation	5.91	6.94	8.22
Lsd/sig	6.44	ns	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: length (mm)			
Mean	69.50	81.40	106.57
Std. Deviation	8.29	14.58	12.93
Lsd/sig	11.56	P≤0.01	P≤0.01

<input checked="" type="checkbox"/> Fertile tiller: length of internode #4 (mm)			
Mean	8.90	8.03	22.17
Std. Deviation	2.82	3.40	8.02
Lsd/sig	3.40	ns	P≤0.01
<input type="checkbox"/> Fertile tiller: length of flag leaf blade (mm)			
Mean	2.70	3.17	2.10
Std. Deviation	1.26	1.37	1.18
Lsd/sig	1.05	ns	ns
<input checked="" type="checkbox"/> Fertile tiller: length of sheath on 4th leaf (mm)			
Mean	14.77	11.80	23.43
Std. Deviation	3.72	3.31	6.43
Lsd/sig	2.29	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: length of blade on 4th leaf (mm)			
Mean	48.17	45.50	69.10
Std. Deviation	9.02	10.03	9.38
Lsd/sig	5.15	ns	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: width of blade on 4th leaf (mm)			
Mean	1.48	1.36	1.67
Std. Deviation	0.27	0.20	0.39
Lsd/sig	0.22	ns	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: length:width ratio of blade on 4th leaf			
Mean	33.60	34.13	42.99
Std. Deviation	8.24	8.22	10.05
Lsd/sig	9.03	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)			
Mean	44.97	40.93	58.17
Std. Deviation	8.17	10.17	10.94
Lsd/sig	6.95	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: diameter (mm)			
Mean	0.33	0.37	0.44
Std. Deviation	0.09	0.08	0.08
Lsd/sig	0.06	ns	P≤0.01
<input type="checkbox"/> Inflorescence: length (mm)			
Mean	14.87	14.07	15.60
Std. Deviation	1.68	1.82	2.57
Lsd/sig	1.11	ns	ns
<input type="checkbox"/> Inflorescence: number of spikelets			
Mean	13.13	12.60	14.10
Std. Deviation	1.78	2.18	2.88
Lsd/sig	1.22	ns	ns
<input type="checkbox"/> Inflorescence: number of spikelets per cm			
Mean	8.85	8.93	9.01

Std. Deviation	0.81	0.76	0.81
Lsd/sig	0.56	ns	ns

**Prior Applications and Sales:**

Nil

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

<b>Details of Application</b>	
<b>Application Number</b>	2017/338
<b>Variety Name</b>	'Koorabup'
<b>Genus Species</b>	<i>Avena sativa</i>
<b>Common Name</b>	Oats
<b>Synonym</b>	
<b>Accepted Date</b>	07 May 2018
<b>Applicant</b>	Minister for Agriculture, Food and Fisheries (through SARDI), Urrbrae, SA 5064 and Grains Research and Development Corporation, Barton, ACT 2600
<b>Agent</b>	
<b>Qualified Person</b>	Michelle Williams
<b>Details of Comparative Trial</b>	
<b>Location</b>	Turretfield Research Centre, SA
<b>Descriptor</b>	Oats TG/20/10
<b>Period</b>	03/07/2017 to 14/12/2017
<b>Conditions</b>	A trial was sown on the 3rd of July 2017 at the Turretfield Research Centre on a red brown earth soil with a Mediterranean climate.
<b>Trial Design</b>	Randomised Complete Block Design. The trial was replicated with 3 reps. Plot size was 5 rows x 210mm spacing x 5m length. Plots were sown at 1050 plants per replicate.
<b>Measurements</b>	Measurements were taken in the metric system using UPOV guideline
<b>RHS Chart edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination: In 2005 the breeder's line WAOAT2282 was control pollinated with the breeder's line WAOAT2236. F3 seed of the cross was sown as a population at Kingsford Research Centre (near Gawler, SA) in 2007 and single heads selected. 05096-32 was the thirty second head selected from the cross 05096. It was promoted to un-replicated trials in winter 2009 and to replicated trials in 2011. 05096-32 was promoted to stage 4 replicated grain trials in 2012 and stage 4 replicated hay trials in 2014 and has remained in these trials since that time. Breeder: Dr Pamela Zwer and Ms Sue Hoppo, SARDI, SA 5001	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Grain	colour of lemma	brown
Glumes	glaucosity	absent or very weak
Grain	husk	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Carrolup'	
'Yallara'	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>'Koorabup'</b>	<b>'Carrolup'</b>	<b>'Yallara'</b>
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	erect	erect to semi-erect
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or very weak	absent or very weak	weak
<input type="checkbox"/> *Leaf blade: hairiness of margins of leaf below flag leaf	absent or very weak	weak	absent or very weak
<input type="checkbox"/> *Time of: panicle emergence	medium	medium to late	early to medium
<input type="checkbox"/> *Stem: hairiness of uppermost node	present	absent	present
<input type="checkbox"/> Stem: intensity of hairiness of uppermost node	medium	very weak	weak
<input type="checkbox"/> Panicle: orientation of branches	equilateral	unilateral	equilateral
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Panicle: attitude of spikelets	pendulous	pendulous	pendulous
<input type="checkbox"/> Glumes: glaucosity	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Glumes: length	medium	medium	medium
<input type="checkbox"/> *Primary grain: glaucosity of lemma	absent	absent	absent
<input type="checkbox"/> *Plant: length	long	short to medium	medium
<input type="checkbox"/> Panicle: length	medium to long	very short to short	medium
<input type="checkbox"/> *Grain: husk	present	present	present
<input checked="" type="checkbox"/> Primary grain: tendency to be awned	strong	absent or very weak	weak to medium
<input type="checkbox"/> Primary grain: length of lemma	short	short to medium	short to medium
<input type="checkbox"/> *Grain: colour of lemma	brown	brown	brown
<input type="checkbox"/> Primary grain: hairiness of back of lemma	present	present	present
<input type="checkbox"/> Primary grain: hairiness of base	very weak to	absent or very	very weak to

	weak	weak	weak
<input type="checkbox"/> Primary grain: length of basal hairs	long	very short	long
<input type="checkbox"/> Primary grain: length of rachilla	long	short	medium

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Michelle Williams**, SARDI, SA 5001

<b>Details of Application</b>				
<b>Application Number</b>	2017/134			
<b>Variety Name</b>	'Bonpri 974'			
<b>Genus Species</b>	<i>Euphorbia</i> hybrid			
<b>Common Name</b>	Poinsettia			
<b>Accepted Date</b>	04 May 2018			
<b>Applicant</b>	Bonza Botanicals Pty Limited, Yellow Rock, NSW			
<b>Agent</b>	Oasis Horticulture Pty Limited, Yellow Rock, NSW			
<b>Qualified Person</b>	Tim Angus			
<b>Details of Comparative Trial</b>				
<b>Location</b>	Yellow Rock, NSW, Australia			
<b>Descriptor</b>	TG/24/6			
<b>Period</b>	July 2018 - October 2018			
<b>Conditions</b>	Comparative Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.			
<b>Trial Design</b>	Plants grown in separate blocks side by side			
<b>Measurements</b>	10 plants per variety at random			
<b>RHS Chart - edition</b>	2001			
<b>Origin and Breeding</b>				
Spontaneous mutation: 'Bonpri 974' was first selected as a naturally occurring spontaneous mutation from an unnamed proprietary selection at Yellow Rock in January 2012. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Following this testing the new variety was first protected in 2015. Breeder: Dr. Andrew Bernuetz				
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge				
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>		
Bract	single colour	group 1 white		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
<b>Name</b>		<b>Comments</b>		
'Bonpri 635'				
'RFPPCC1'				
'Bonpriho'				
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'RFPPCC1'	Bract colour of upper side	white RHS 155C	yellow- green to white 2D/155A	

'Bonpriho'	Leaf blade	number of lobes	medium	none	
'Bonpriho'	transitional leaves	number of partly bract-coloured leaf blades	medium to many	few	

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

<b>Organ/Plant Part: Context</b>	<b>'Bonpri 974'</b>	<b>'Bonpri 635'</b>
<input type="checkbox"/> *Plant: branching	present	present
<input type="checkbox"/> *Plant: number of branches	medium	medium
<input type="checkbox"/> *Plant: height	very short	very short
<input type="checkbox"/> Plant: width	narrow	narrow
<input type="checkbox"/> *Stem: intensity of green colour on middle third	medium to strong	medium to strong
<input type="checkbox"/> *Stem: intensity of anthocyanin colouration of middle third	absent or very weak	very weak to weak
<input type="checkbox"/> *Stem: anthocyanin colouration on upper third	absent or weak	absent or weak
<input type="checkbox"/> *Leaf blade: length	very short	short
<input type="checkbox"/> *Leaf blade: width	very narrow	very narrow
<input type="checkbox"/> Leaf blade: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf blade: shape of base	rounded	rounded
<input type="checkbox"/> *Leaf blade: number of colours on upper side	one	one
<input type="checkbox"/> *Leaf blade: intensity of green colour (varieties with one-coloured leaves only)	strong	strong
<input type="checkbox"/> Leaf blade: colour of main vein on upper side	only green	only green
<input type="checkbox"/> Leaf blade: number of lobes	medium	medium
<input type="checkbox"/> Leaf blade: depth of deepest sinus	shallow	shallow
<input type="checkbox"/> Leaf blade: curvature of main vein	absent or weak	absent or weak
<input type="checkbox"/> *Petiole: length	very short	very short
<input type="checkbox"/> Petiole: intensity of green colour on upper side	weak to medium	weak to medium
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	very weak to weak	very weak to weak
<input type="checkbox"/> *Petiole: anthocyanin coloration on lower side	absent or weak	absent or weak
<input type="checkbox"/> *Transitional leaves: number of partly bract-colored leaf blades	medium	medium to many
<input type="checkbox"/> *Transitional leaves: number of fully bract-coloured leaf blades	few	very few to few

<input type="checkbox"/> *Transitional leaves: lobing	medium	medium
<input type="checkbox"/> Transitional leaves: curvature along main vein of fully bract-colored leaf blades	absent or weak	absent or weak
<input type="checkbox"/> *Bract: number	few to medium	few to medium
<input type="checkbox"/> *Largest bract: length (including petiole)	very short	very short
<input type="checkbox"/> *Largest bract: width (including petiole)	very narrow	very narrow
<input checked="" type="checkbox"/> *Largest bract: shape	ovate	elliptic
<input type="checkbox"/> *Bract: number of colours of upper side	one	one
<input checked="" type="checkbox"/> *Bract: colour of upper side (varieties with one colored bracts only) (RHS Colour Chart)	White RHS 155C	White RHS N155c
<input checked="" type="checkbox"/> *Bract: main color of lower side (varieties with marbled bracts only) (RHS Colour Chart)	White RHS 155C	White RHS 155A/B
<input type="checkbox"/> Bract: folding along the main vein	absent	absent
<input type="checkbox"/> Bract: twisting	absent	absent
<input type="checkbox"/> Bract: rugosity between veins	very weak to weak	very weak to weak
<input type="checkbox"/> *Cyme: width	narrow to medium	medium
<input type="checkbox"/> *Cyathium: size of glands	small to medium	small to medium
<input type="checkbox"/> *Cyathium: main colour of gland	yellow	yellow
<input type="checkbox"/> Cyathium: deformation of glands	absent	absent

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Bonpri 974'</b>	<b>'Bonpri 635'</b>
<input type="checkbox"/> Bract: vein colour, upper side	green	red purple
<input checked="" type="checkbox"/> Bract: spotting of upper side	absent	very weak

### **Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2015	Applied	'Bonpri 974'
Japan	2016	Applied	'Bonpri 974'
EU	2015	Applied	'Bonpri 974'

First sold in the EU, May 2015

Description: **Tim Angus**, Lower Hutt, Wellington NZ

<b>Details of Application</b>	
<b>Application Number</b>	2015/177
<b>Variety Name</b>	'ATTX961014-1R/Y'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	17 Jul 2015
<b>Applicant</b>	Texas A&M AgriLife Research, Texas, 77843-3369, USA
<b>Agent</b>	Zerella Holdings Pty Ltd, Virginia, SA 5120
<b>Qualified Person</b>	Stewart McKay
<b>Details of Comparative Trial</b>	
<b>Location</b>	Agronico P/L, 175 Allport St, East Leith, TAS 7315
<b>Descriptor</b>	TG 23/6
<b>Period</b>	20 Oct 2017 - 2 Feb 2018
<b>Conditions</b>	Potato plants were grown from hardened off in-vitro plantlets and placed into a recirculating hydroponic propagation system in a controlled environment. Standard nutrient fertilization and disease/insect preventative controls were used.
<b>Trial Design</b>	RCBD with two replicates consisting of 30 plants per replicate were used
<b>Measurements</b>	Trial data was collected on 7-Nov-2017 using the standard UPOV descriptors. Lightsprout photos were taken on 5th January 2018 and tuber assessments done on 5th February 2018
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
<p>Controlled pollination: Conventional hybridization breeding techniques were used where the genotype is fixed in the F1 with subsequent propagation by asexual procedures. In 2001, first year seedlings of 'ATTX961014-1R/Y' were produced at College Station from true (botanical) seed provided by the Aberdeen Program. 'ATTX961014-1R/Y' was subsequently selected near Dalhart (NW corner of state) in 2002. In the winter of 2002, it was planted in a nursery in McCook, Texas (Lower Rio Grande Valley) and again performed well. From 2003-05, 'ATT961014-1R/Y' was trialed in both Springlake and Dalhart using Texas seed. In 2006, 'ATTX961014-1R/Y' was entered in the Southwestern Regional Potato Variety Trials (California Texas, Colorado), using Colorado grown seed. In 2007 and 2008 'ATTX961014-1R/Y' was entered in the Western Regional Red/Specialty Potato Trials conducted at nine locations in Texas, Colorado, California, Idaho, Washington, and Oregon. Potato seed is asexually propagated for no more than four to six generations from nuclear seed which are derived from virus-free tissue culture stocks. No genetic variants have been observed. Breeder: J. Creighton Miller, Texas A&amp;M AgriLife Research, TX 77843-2147, USA</p>	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge
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Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Tuber	skin type	smooth
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Red La Soda'		

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
Organ/Plant Part: Context	'ATTX961014-1R/Y'	'Red La Soda'
<input type="checkbox"/> Lightsprout: size	small to medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak	weak
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	absent or very weak	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	absent or very weak	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	very short to short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	strong	weak
<input type="checkbox"/> Leaf: outline size	large	medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open

<input type="checkbox"/> Leaf: presence of secondary leaflets	weak to medium	medium
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium to strong	weak to medium
<input type="checkbox"/> Second pair of lateral leaflets: size	large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low to medium
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	medium
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	absent or very weak
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> *Plant: frequency of flowers	low	medium
<input type="checkbox"/> Inflorescence: size	medium	medium
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	weak to medium	absent or very weak
<input type="checkbox"/> Flower corolla: size	medium	medium
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	weak	medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	very small to small	medium
<input type="checkbox"/> *Plant: time of maturity	medium	early
<input type="checkbox"/> *Tuber: shape	long-oval	oval
<input type="checkbox"/> Tuber: depth of eyes	deep	medium to deep
<input type="checkbox"/> *Tuber: colour of skin	red	purple
<input type="checkbox"/> *Tuber: colour of base of eye	red	red
<input type="checkbox"/> *Tuber: colour of flesh	medium yellow	white

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'ATTX961014-1R/Y'</b>	<b>'Red La Soda'</b>
<input type="checkbox"/> tuber: skin type	smooth	smooth

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2012	Granted	'ATTX961014-1R/Y'

First sold in the USA on 15<sup>th</sup> June 2012

Description: **Stewart McKay**, Leith, Tas 7315

<b>Details of Application</b>	
<b>Application Number</b>	2018/016
<b>Variety Name</b>	'Amigo-590.02.7'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	26 Mar 2018
<b>Applicant</b>	SIPRE, Rues des Champs Potez, 62217 Achicourt, France
<b>Agent</b>	McCain Foods (Aust) Pty Ltd, Wendouree, Vic 3355
<b>Qualified Person</b>	John Fennell
<b>Details of Comparative Trial</b>	
<b>Location</b>	Waikerie, SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6
<b>Period</b>	September 2018 to February 2019
<b>Conditions</b>	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 28 September 2018. Pots placed on benches in a screened polythene clad greenhouse
<b>Trial Design</b>	Block of 60 plants of the candidate variety placed adjacent to 60 plants of the comparator.
<b>Measurements</b>	Observations of plant, leaf and flower characteristics made on 20 November 2018. Tuber records taken on 12 January 2019 and lightsprout data recorded on 12 February 2019.
<b>RHS Chart - edition</b>	Waikerie, SA
<b>Origin and Breeding</b>	
<p><b>Controlled pollination:</b> The variety 'Lady Claire' was pollinated by the variety 'Caesar' in the Station de Recherche du Comite Nord Potato Breeding Program at Bretteville-du-Grand-Caux, France in 2000. Subsequently selection trials occurred at several sites in the north of France with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, damage resistance, processing quality and storability. Breeding line 590.02.7 was selected and commercially released as 'Amigo' in 2015. The name 'Amigo-590.02.7' has been selected for PBR in Australia. <b>Breeder:</b> Station de Recherche du Comite Nord, 43-45 Rue de Naples, Paris 75008, France</p>	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	frequency of flowers	high
Flower	colour	white
Tuber	shape	long-oval
Tuber	skin colour	yellow
Tuber	flesh colour	light to medium yellow

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Innovator'	
'Esmeralda'	
'Lady Anna'	
'Lady Claire'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Esmeralda'	Lightsprout	anthocyanin colouring	very strong	medium	
'Lady Anna'	Tuber	shape	long oval	very long	
'Lady Claire'	Tuber	shape	long oval	short oval to oval	
'Lady Claire'	Tuber	flesh colour	medium yellow	light yellow	
'Caesar'	Tuber	shape	long oval	short oval to oval	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'Amigo-590.02.7'</b>	<b>'Innovator'</b>
<input type="checkbox"/> Lightsprout: size	small to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	broad cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	very strong	weak
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed to intermediate
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very strong	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	few
<input type="checkbox"/> Lightsprout: length of lateral shoots	very short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type

<input type="checkbox"/> *Plant: growth habit	upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	absent or very weak
<input type="checkbox"/> Leaf: outline size	large	medium to large
<input checked="" type="checkbox"/> Leaf: openness	intermediate	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	strong	weak
<input checked="" type="checkbox"/> Leaf: green colour	medium to dark	light
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	low to medium
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak
<input checked="" type="checkbox"/> Leaflet: depth of veins	deep	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	high	high
<input checked="" type="checkbox"/> Inflorescence: size	medium	large
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	weak to medium	absent or very weak
<input type="checkbox"/> Flower corolla: size	medium to large	large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input type="checkbox"/> *Plant: time of maturity	medium	early to medium
<input type="checkbox"/> *Tuber: shape	long-oval	long-oval
<input type="checkbox"/> Tuber: depth of eyes	very shallow to shallow	medium
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	medium yellow	light yellow
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction	absent or very weak	absent or very weak

to light (light beige and yellow skinned varieties only)		
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<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Amigo-590.02.7'</b>	<b>'Innovator'</b>
<input type="checkbox"/> Stem: Thickness	thick	medium
<input checked="" type="checkbox"/> Tuber: skin smoothness	medium	rough
<input checked="" type="checkbox"/> tuber: eyebrows	medium	prominent
<input checked="" type="checkbox"/> stem: wings	large	small

**Prior Applications and Sales:**

No prior applications.

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2012	Granted	'Amigo'

First sold in France on 15<sup>th</sup> April 2016 as 'Amigo'

Description: **John Fennell**, Littlehampton SA 5250

<b>Details of Application</b>	
<b>Application Number</b>	2016/166
<b>Variety Name</b>	'ZMW-019'
<b>Genus Species</b>	<i>Zoysia macrantha</i>
<b>Common Name</b>	Prickly Couch
<b>Accepted Date</b>	28 Jul 2016
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD
<b>Qualified Person</b>	Dr Donald S. Loch
<b>Details of Comparative Trial</b>	
<b>Location</b>	Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl)
<b>Descriptor</b>	PBR ZOYS
<b>Period</b>	16 Dec 2016 – 19 May 2017
<b>Conditions</b>	Vegetative plugs established in 95 x 95 mm pots from Aug 2016; planted into a red volcanic (krasnozem or ferrosol) soil on 16 Dec 2016; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied at planting on 16 Dec 2016 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare; weed control by pendimethalin (Stomp 440) applied at planting on 16 Dec 2016; supplementary trickle irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	30 plants of each of 4 <i>Zoysia macrantha</i> cultivars ('ZMW-019', 'ZMM-018', 'MAC03', 'LSA01') plus 2 additional <i>Zoysia japonica</i> cultivars not reported arranged in 6 randomised blocks with 5 plants per plot in a single row along a single trickle irrigation line; 1.0 m between plants, 1.5 m between rows.
<b>Measurements</b>	Observations of flowering behaviour ongoing throughout the trial. Maximum spread measured on 3 Apr 2017 (108 days after field planting) and plant height measured on 10 Apr 2017 (115 days after field planting). Stolon characteristics at 4th visible node and internode measured on 7-8 Apr 2017. Measurements on the 4th fully expanded leaf on vegetative tillers made on 19 May 2017. Fertile tiller characteristics (culms, flag and 4th leaves, stems, inflorescences) measured 19 May 2017. One measurement per plant made for all attributes. Analyses of variance (ANOVAs) conducted with Genstat Release 12; differences significant at the 1% level quantified using Fisher's protected LSDs.
<b>RHS Chart - edition</b>	2007 (5th edition)
<b>Origin and Breeding</b>	
Clonal selection: 'ZMW-019' was selected from a breeding population of c. 130 <i>Zoysia macrantha</i> subsp. <i>walshii</i> seedling plants assembled from 45 collection sites from South Australia, Victoria and Tasmania in 2002-05. The original plants were vegetatively propagated and evaluated first in pots. Four promising genotypes at the finer-textured end of the range and showing good turf density were identified, originating from sites in South Australia and Tasmania. These were short-listed for	

further study under mowing at Cleveland (QLD), and later at Sheldon, Alexandra Hills and Gleneagle (QLD), which confirmed their low mowing requirements when evaluated with a range of *Zoysia japonica* and *Z. matrella* cultivars and experimental lines and compared against *Cynodon* spp., *Digitaria didactyla* and other warm-season turfgrass standards. 'ZMW-019' was selected for release on the basis of its bright mid-to dark-green turf colour, its fine to medium-fine turf texture, and its high turf quality and density under mowing as shown consistently throughout the 10-year trial period. 'ZMW-019' differs from other *Z. macrantha* subsp. *walshii* genotypes in terms of their variable leaf colour (usually paler green), medium-fine to coarse turf texture, lower tiller density, and often shorter stiffer leaves. Breeder: Dr Donald S. Loch (GeneGro Pty Ltd, Alexandra Hills, QLD).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	leaf blade presence of hairs upper side	absent

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

Name	Comments
'MAC03'	application no. 2007/275; granted 16 Dec 2008
'LSA01'	application no. 2015/311; granted 29 Oct 2018
'ZMM-018'	another candidate <i>Zoysia macrantha</i> variety (application no. 2016/165)

**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	'ZMW-019'	'LSA01'	'MAC03'	'ZMM-018'
<input checked="" type="checkbox"/> Plant: height	medium to tall	medium to tall	medium to tall	very tall
<input checked="" type="checkbox"/> Plant: width	medium	broad	broad	very broad
<input checked="" type="checkbox"/> Plant: density	very dense	dense	dense	dense
<input type="checkbox"/> Stolon: nodes	compound	compound	compound	compound
<input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only)	three	three	three	three
<input checked="" type="checkbox"/> Stolon: number of branches	very many	medium	many	medium
<input checked="" type="checkbox"/> Stolon: length of internode	short	long to very long	medium to long	long to very long
<input checked="" type="checkbox"/> Stolon : width of internode	narrow	broad to very broad	broad to very broad	medium
<input type="checkbox"/> Stolon: colour where exposed to the sun (RHS)	59A	59A	59A	59B(-C)
<input type="checkbox"/> Stolon: anthocyanin coloration of leaf sheath	weak	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/> Stolon: length of outer leaf sheath	short to	long	long	medium

	medium			
<input type="checkbox"/> Stolon: hairiness of leaf sheath	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	short	long to very long	medium to long	long
<input checked="" type="checkbox"/> Culm: width	narrow to medium	broad to very broad	broad to very broad	broad to very broad
<input type="checkbox"/> Culm: node pubescence	absent	absent	absent	absent
<input type="checkbox"/> Culm: stem pubescence	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: flag leaf sheath length	short	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/> Culm: flag leaf blade length	very short to short	medium	short to medium	medium
<input type="checkbox"/> Culm: flag leaf blade width	very narrow	very narrow	very narrow	very narrow
<input type="checkbox"/> Culm: flag leaf blade shape	linear triangular	linear triangular	linear triangular	linear triangular
<input checked="" type="checkbox"/> Culm: leaf sheath length (3rd leaf fertile tiller)	short	medium to long	medium	medium
<input checked="" type="checkbox"/> Culm: leaf blade length (3rd leaf fertile tiller)	short	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/> Culm: leaf blade width (3rd leaf fertile tiller)	narrow	broad	medium to broad	medium to broad
<input checked="" type="checkbox"/> Culm: leaf sheath length (vegetative tiller)	short	medium to long	short	medium to long
<input checked="" type="checkbox"/> Culm: leaf blade length (vegetative tiller)	short	long	medium	very long
<input checked="" type="checkbox"/> Culm: leaf blade width (vegetative tiller)	narrow	broad	medium	medium
<input type="checkbox"/> Culm: leaf blade shape (vegetative tiller)	linear	linear	linear	linear
<input type="checkbox"/> Leaf: leaf blade shape of apex	narrow acute	narrow acute	narrow acute	narrow acute
<input type="checkbox"/> Leaf: colour (RHS)	137A	138A	137B	137B
<input type="checkbox"/> Leaf: leaf sheath presence of hairs	absent	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade presence of hairs upper side	absent	absent	absent	absent
<input type="checkbox"/> Leaf : leaf blade presence of hairs lower side	absent	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade margin	smooth	smooth	smooth	smooth
<input type="checkbox"/> Leaf: ligule	fringe of hairs	fringe of hairs	fringe of hairs	fringe of hairs

<input type="checkbox"/>	Leaf: density of ligule hairs	medium	medium	medium	medium
<input type="checkbox"/>	Leaf: length of ligule hairs	long	medium	medium	long
<input checked="" type="checkbox"/>	Peduncle: length	short	long to very long	medium to long	very long
<input checked="" type="checkbox"/>	Peduncle: width	narrow	medium	medium to broad	medium
<input checked="" type="checkbox"/>	Inflorescence: spikelet density	dense	sparse	medium	sparse to medium
<input checked="" type="checkbox"/>	Inflorescence: length	short	very long	long to very long	long
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets	few	many	very many	many
<input type="checkbox"/>	Spikelet: stigma colour	white	white	white	white
<input type="checkbox"/>	Spikelet: presence of awn	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Flower: time of flowering	Apr-Oct	Oct-Apr	Oct-Apr	Oct-Apr

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'ZMW-019'</b>	<b>'LSA01'</b>	<b>'MAC03'</b>	<b>'ZMM-018'</b>
<input type="checkbox"/>	Leaf: leaf blade vernation	rolled	rolled	rolled
<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'ZMW-019'</b>	<b>'LSA01'</b>	<b>'MAC03'</b>	<b>'ZMM-018'</b>
<input checked="" type="checkbox"/>	Plant: maximum height of sward 115 days after planting (mm)			
Mean	203.67	205.00	180.67	300.95
Std. Deviation	23.11	49.53	51.26	47.00
Lsd/sig	54.70	ns	ns	P≤0.01
<input checked="" type="checkbox"/>	Plant: maximum diameter of lateral spread 108 days after planting (cm)			
Mean	143.43	168.63	169.47	208.33
Std. Deviation	15.73	25.61	33.97	31.47
Lsd/sig	27.60	ns	ns	P≤0.01
<input checked="" type="checkbox"/>	Stolon: total number of branches on nodes 2-6			
Mean	12.37	10.03	7.97	8.10
Std. Deviation	2.28	1.69	1.79	1.73
Lsd/sig	1.30	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Stolon: length of internode #4 (mm)			
Mean	30.93	55.63	46.20	57.90
Std. Deviation	3.60	6.31	5.09	5.37
Lsd/sig	3.93	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Stolon: diameter of internode #4 (mm)			
Mean	1.30	1.99	2.00	1.55
Std. Deviation	0.08	0.17	0.33	0.17

Lsd/sig	0.15	P≤0.01	P≤0.01	P≤0.01
☑ Stolons: length of outer leaf sheath at node #4 (mm)				
Mean	11.93	14.30	14.00	12.77
Std. Deviation	1.14	1.86	2.05	1.55
Lsd/sig	1.40	P≤0.01	P≤0.01	ns
☑ Vegetative tiller: length of sheath on 4th leaf (mm)				
Mean	31.27	40.37	30.87	42.43
Std. Deviation	6.36	5.70	5.21	6.94
Lsd/sig	7.00	P≤0.01	ns	P≤0.01
☑ Vegetative tiller: length of blade on 4th leaf (mm)				
Mean	85.83	145.50	119.77	175.33
Std. Deviation	14.99	30.12	19.79	18.86
Lsd/sig	20.00	P≤0.01	P≤0.01	P≤0.01
☑ Vegetative tiller: width of blade on 4th leaf (mm)				
Mean	1.80	3.75	3.36	3.38
Std. Deviation	0.21	0.47	0.45	0.34
Lsd/sig	0.29	P≤0.01	P≤0.01	P≤0.01
☑ Vegetative tiller: length:width ratio of blade on 4th leaf				
Mean	48.20	39.54	36.32	52.50
Std. Deviation	10.11	10.12	8.47	9.04
Lsd/sig	6.73	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length (mm)				
Mean	169.83	252.70	201.07	220.00
Std. Deviation	24.36	28.59	21.86	32.70
Lsd/sig	29.80	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of internode #2 (mm)				
Mean	16.90	45.80	30.83	25.10
Std. Deviation	2.38	16.85	7.73	7.16
Lsd/sig	12.90	P≤0.01	P≤0.01	ns
☑ Fertile tiller: diameter of internode #2 (mm)				
Mean	0.58	1.00	0.93	0.58
Std. Deviation	0.09	0.12	0.12	0.12
Lsd/sig	0.11	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of sheath on flag leaf (mm)				
Mean	28.87	69.17	61.37	58.97
Std. Deviation	3.47	11.30	4.78	6.78
Lsd/sig	7.10	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of flag leaf blade (mm)				
Mean	3.07	14.07	10.17	13.37
Std. Deviation	1.62	7.74	6.15	9.20
Lsd/sig	5.30	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of sheath on 3rd leaf (mm)				

Mean	22.23	31.77	29.50	29.87
Std. Deviation	3.19	5.01	5.14	4.53
Lsd/sig	4.00	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of blade on 3rd leaf (mm)				
Mean	43.63	64.47	66.67	69.63
Std. Deviation	8.95	15.82	13.09	15.14
Lsd/sig	13.20	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: width of blade on 3rd leaf (mm)				
Mean	1.73	3.54	3.41	3.39
Std. Deviation	0.21	0.41	0.37	0.39
Lsd/sig	0.26	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length:width ratio of blade on 3rd leaf				
Mean	25.56	18.35	19.70	20.71
Std. Deviation	5.67	4.67	4.23	4.64
Lsd/sig	4.20	P≤0.01	P≤0.01	P≤0.01
☑ Peduncle: length (mm)				
Mean	63.40	163.07	122.17	176.90
Std. Deviation	10.86	26.46	14.53	26.66
Lsd/sig	16.40	P≤0.01	P≤0.01	P≤0.01
☑ Peduncle: diameter (mm)				
Mean	0.59	0.80	0.83	0.78
Std. Deviation	0.07	0.10	0.09	0.08
Lsd/sig	0.18	P≤0.01	P≤0.01	P≤0.01
☑ Inflorescence: length (mm)				
Mean	19.67	47.37	46.20	44.07
Std. Deviation	1.75	4.28	2.85	3.60
Lsd/sig	3.40	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales:**

Nil

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

<b>Details of Application</b>	
<b>Application Number</b>	2016/165
<b>Variety Name</b>	'ZMM-018'
<b>Genus Species</b>	<i>Zoysia macrantha</i>
<b>Common Name</b>	Prickly Couch
<b>Accepted Date</b>	28 Jul 2016
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD
<b>Qualified Person</b>	Dr Donald S. Loch
<b>Details of Comparative Trial</b>	
<b>Location</b>	Birkdale, QLD, Australia (Latitude 27°30'S, longitude 153°14'E, elevation 18 masl)
<b>Descriptor</b>	PBR ZOYS
<b>Period</b>	16 Dec 2016 – 19 May 2017
<b>Conditions</b>	Vegetative plugs established in 95 x 95 mm pots from Aug 2016; planted into a red volcanic (krasnozem or ferrosol) soil on 16 Dec 2016; 662 kg/ha of blended fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) applied at planting on 16 Dec 2016 to give 100 kg N, 29 kg P, 76 kg K, and 90 kg S per hectare; weed control by pendimethalin (Stomp 440) applied at planting on 16 Dec 2016; supplementary trickle irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	30 plants of each of 4 <i>Zoysia macrantha</i> cultivars ('ZMM-018', 'ZMW-019', 'MAC03', 'LSA01') plus 2 additional <i>Zoysia japonica</i> cultivars not reported arranged in 6 randomised blocks with 5 plants per plot in a single row along a single trickle irrigation line; 1.0 m between plants, 1.5 m between rows.
<b>Measurements</b>	Observations of flowering behaviour ongoing throughout the trial. Maximum spread measured on 3 Apr 2017 (108 days after field planting) and plant height measured on 10 Apr 2017 (115 days after field planting). Stolon characteristics at 4th visible node and internode measured on 7-8 Apr 2017. Measurements on the 4th fully expanded leaf on vegetative tillers made on 19 May 2017. Fertile tiller characteristics (culms, flag and 4th leaves, stems, inflorescences) measured 19 May 2017. One measurement per plant made for all attributes. Analyses of variance (ANOVAs) conducted with Genstat Release 12; differences significant at the 1% level quantified using Fisher's protected LSDs.
<b>RHS Chart - edition</b>	2007 (5th edition)
<b>Origin and Breeding</b>	
'ZMM-018' was selected from a breeding population of c. 100 <i>Zoysia macrantha</i> subsp. <i>macrantha</i> seedling plants assembled from 36 collection sites from central Queensland through to Melbourne (VIC) in 2002-05. The original plants were vegetatively propagated and evaluated first in pots. Promising medium-fine textured genotypes were identified, originating from a site in northern NSW and additional plants from that general area added to the breeding collection. From this, 'ZMM-018'	

was selected based on its turf quality and density together with low thatch development, its medium- textured turf with long, soft leaves, and its attractive blue green colour. Field plantings at Sheldon and Cleveland (QLD) confirmed its low mowing requirements when evaluated with a range of exotic *Zoysia japonica* and *Z. matrella* cultivars and experimental lines and compared against *Cynodon* spp., *Digitaria didactyla* and other warm-season turfgrass standards. 'ZMM-018' was selected for release on the basis of its attractive blue-green turf colour, its soft leaves, its low thatch development, and its turf quality and density under mowing together with its low mowing requirement as shown consistently throughout the 10-year trial period. Its drought tolerance and recovery relative to exotic *Zoysia* spp. at Alexandra Hills (QLD) has also been outstanding. 'ZMM-018' differs from other *Z. macrantha* subsp. *macrantha* genotypes in terms of their variable leaf colour (usually paler blue-green), medium to coarse turf texture, lower tiller density, and their stiffer, less pliable leaves. Breeder: Dr Donald S. Loch

**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	leaf blade presence of hairs upper side	absent

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

Name	Comments
'MAC03'	application no. 2007/275; granted 16 Dec 2008
'LSA01'	application no. 2015/311; granted 29 Oct 2018
'ZMW-019'	another candidate <i>Zoysia macrantha</i> variety (application no. 2016/166)

**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	'ZMM-018'	'LSA01'	'MAC03'	'ZMW-019'
<input checked="" type="checkbox"/> Plant: height	very tall	medium to tall	medium to tall	medium to tall
<input checked="" type="checkbox"/> Plant: width	very broad	broad	broad	medium
<input checked="" type="checkbox"/> Plant: density	dense	dense	dense	very dense
<input type="checkbox"/> Stolon: nodes	compound	compound	compound	compound
<input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only)	three	three	three	three
<input checked="" type="checkbox"/> Stolon: number of branches	medium	medium	many	very many
<input checked="" type="checkbox"/> Stolon: length of internode	long to very long	long to very long	medium to long	short
<input checked="" type="checkbox"/> Stolon : width of internode	medium	broad to very broad	broad to very broad	narrow
<input type="checkbox"/> Stolon: colour where exposed to the sun (RHS)	59B(-C)	59A	59A	59A

<input checked="" type="checkbox"/> Stolon: anthocyanin coloration of leaf sheath	absent or very weak	absent or very weak	weak	weak
<input type="checkbox"/> Stolon: length of outer leaf sheath	medium	long	long	short to medium
<input type="checkbox"/> Stolon: hairiness of leaf sheath	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	long	long to very long	medium to long	short
<input checked="" type="checkbox"/> Culm: width	broad to very broad	broad to very broad	broad to very broad	narrow to medium
<input type="checkbox"/> Culm: node pubescence	absent	absent	absent	absent
<input type="checkbox"/> Culm: stem pubescence	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: flag leaf sheath length	medium to long	medium to long	medium to long	short
<input checked="" type="checkbox"/> Culm: flag leaf blade length	medium	medium	short to medium	very short to short
<input type="checkbox"/> Culm: flag leaf blade width	very narrow	very narrow	very narrow	very narrow
<input type="checkbox"/> Culm: flag leaf blade shape	linear triangular	linear triangular	linear triangular	linear triangular
<input checked="" type="checkbox"/> Culm: leaf sheath length (3rd leaf fertile tiller)	medium	medium to long	medium	short
<input checked="" type="checkbox"/> Culm: leaf blade length (3rd leaf fertile tiller)	medium to long	medium to long	medium to long	short
<input checked="" type="checkbox"/> Culm: leaf blade width (3rd leaf fertile tiller)	medium to broad	broad	medium to broad	narrow
<input checked="" type="checkbox"/> Culm: leaf sheath length (vegetative tiller)	medium to long	medium to long	short	short
<input checked="" type="checkbox"/> Culm: leaf blade length (vegetative tiller)	very long	long	medium	short
<input checked="" type="checkbox"/> Culm: leaf blade width (vegetative tiller)	medium	broad	medium	narrow
<input type="checkbox"/> Culm: leaf blade shape (vegetative tiller)	linear	linear	linear	linear
<input type="checkbox"/> Leaf: leaf blade shape of apex	narrow acute	narrow acute	narrow acute	narrow acute
<input type="checkbox"/> Leaf: colour (RHS)	137B	138A	137B	137A
<input type="checkbox"/> Leaf: leaf sheath presence of hairs	absent	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade presence of hairs upper side	absent	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade presence of hairs lower side	absent	absent	absent	absent
<input type="checkbox"/> Leaf: leaf blade margin	smooth	smooth	smooth	smooth
<input type="checkbox"/> Leaf: ligule	fringe of hairs	fringe of hairs	fringe of hairs	fringe of hairs

<input type="checkbox"/>	Leaf: density of ligule hairs	medium	medium	medium	medium
<input type="checkbox"/>	Leaf: length of ligule hairs	long	medium	medium	long
<input checked="" type="checkbox"/>	Peduncle: length	very long	long to very long	medium to long	short
<input checked="" type="checkbox"/>	Peduncle: width	medium	medium	medium to broad	narrow
<input checked="" type="checkbox"/>	Inflorescence: spikelet density	sparse to medium	sparse	medium	dense
<input checked="" type="checkbox"/>	Inflorescence: length	long	very long	long to very long	short
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets	many	many	very many	few
<input type="checkbox"/>	Spikelet: stigma colour	white	white	white	white
<input type="checkbox"/>	Spikelet: presence of awn	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Flower: time of flowering	Oct-Apr	Oct-Apr	Oct-Apr	Apr-Oct

### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'ZMM-018'	'LSA01'	'MAC03'	'ZMW-019'
<input type="checkbox"/> Leaf: leaf blade vernation	rolled	rolled	rolled	rolled

### Statistical Table

Organ/Plant Part: Context	'ZMM-018'	'LSA01'	'MAC03'	'ZMW-019'
<input checked="" type="checkbox"/> Plant: maximum height of sward 115 days after planting (mm)				
Mean	300.95	205.00	180.67	203.67
Std. Deviation	47.00	49.53	51.26	23.11
Lsd/sig	54.70	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: maximum diameter of lateral spread 108 days after planting (cm)				
Mean	208.33	168.63	169.47	143.43
Std. Deviation	31.47	25.61	33.97	15.73
Lsd/sig	27.60	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon: total number of branches on nodes 2-6				
Mean	8.10	10.03	7.97	12.37
Std. Deviation	1.73	1.69	1.79	2.28
Lsd/sig	1.30	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon: length of internode #4 (mm)				
Mean	57.90	55.63	46.20	30.93
Std. Deviation	5.37	6.31	5.09	3.60
Lsd/sig	3.93	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon: diameter of internode #4(mm)				
Mean	1.55	1.99	2.00	1.30
Std. Deviation	0.17	0.17	0.33	0.08
Lsd/sig	0.15	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon: length of outer leaf sheath at node #4 (mm)				
Mean	12.77	14.30	14.00	11.93

Std. Deviation	1.55	1.86	2.05	1.55
Lsd/sig	1.40	P≤0.01	ns	ns
☑ Vegetative tiller: length of sheath on 4th leaf (mm)				
Mean	42.43	40.37	30.87	31.27
Std. Deviation	6.94	5.70	5.21	6.36
Lsd/sig	7.00	ns	P≤0.01	P≤0.01
☑ Vegetative tiller: length of blade on 4th leaf (mm)				
Mean	175.33	145.50	119.77	85.83
Std. Deviation	18.86	30.12	19.79	14.99
Lsd/sig	20.00	P≤0.01	P≤0.01	P≤0.01
☑ Vegetative tiller: width of blade on 4th leaf (mm)				
Mean	3.38	3.75	3.36	1.80
Std. Deviation	0.34	0.47	0.45	0.21
Lsd/sig	0.29	P≤0.01	ns	P≤0.01
☑ Vegetative tiller: length:width ratio of blade on 4th leaf				
Mean	52.50	39.54	36.32	48.20
Std. Deviation	9.04	10.12	8.47	10.11
Lsd/sig	6.73	P≤0.01	P≤0.01	ns
☑ Fertile tiller: length (mm)				
Mean	220.00	252.70	201.07	169.83
Std. Deviation	32.70	28.59	21.86	24.36
Lsd/sig	29.80	P≤0.01	ns	P≤0.01
☑ Fertile tiller: length of internode #2 (mm)				
Mean	25.10	45.80	30.83	16.90
Std. Deviation	7.16	16.85	7.73	2.38
Lsd/sig	12.90	P≤0.01	ns	P≤0.01
☑ Fertile tiller: diameter of internode #2 (mm)				
Mean	0.97	1.00	0.93	0.58
Std. Deviation	0.12	0.12	0.12	0.09
Lsd/sig	0.11	ns	ns	P≤0.01
☑ Fertile tiller: length of sheath on flag leaf (mm)				
Mean	58.97	69.17	61.37	28.87
Std. Deviation	6.78	11.30	4.78	3.47
Lsd/sig	7.10	P≤0.01	P≤0.01	P≤0.01
☑ Fertile tiller: length of flag leaf blade (mm)				
Mean	13.37	14.07	10.17	3.07
Std. Deviation	9.20	7.74	6.15	1.62
Lsd/sig	5.30	ns	ns	P≤0.01
☑ Fertile tiller: length of sheath on 3rd leaf (mm)				
Mean	29.87	31.77	29.50	22.23
Std. Deviation	4.53	5.01	5.14	3.19
Lsd/sig	4.00	ns	ns	P≤0.01
☑ Fertile tiller: length of blade on 3rd leaf (mm)				

Mean	69.63	64.47	66.67	43.63
Std. Deviation	15.14	15.82	13.09	8.95
Lsd/sig	13.20	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: width of blade on 3rd leaf (mm)				
Mean	3.39	3.54	3.41	1.73
Std. Deviation	0.39	0.41	0.37	0.21
Lsd/sig	0.26	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Fertile tiller: length:width ratio of blade on 3rd leaf				
Mean	20.71	18.35	19.70	25.56
Std. Deviation	4.64	4.67	4.23	5.67
Lsd/sig	4.20	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)				
Mean	176.90	163.07	122.17	63.40
Std. Deviation	26.66	26.46	14.53	10.86
Lsd/sig	16.40	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Peduncle: diameter (mm)				
Mean	0.78	0.80	0.83	0.59
Std. Deviation	0.08	0.10	0.09	0.07
Lsd/sig	0.18	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length (mm)				
Mean	44.07	47.37	46.20	19.67
Std. Deviation	3.60	4.28	2.85	1.75
Lsd/sig	3.40	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number of spikelets				
Mean	40.40	41.02	45.50	26.30
Std. Deviation	4.40	4.63	2.96	2.31
Lsd/sig	3.40	ns	P≤0.01	P≤0.01

### **Prior Applications and Sales:**

Nil

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

<b>Details of Application</b>	
<b>Application Number</b>	2018/056
<b>Variety Name</b>	'GRAflr'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Nil
<b>Accepted Date</b>	05 Apr 2018
<b>Applicant</b>	John C. Gray, Sylvia E. Gray, Highfields, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	John Gray

**Details of Comparative Trial**

<b>Location</b>	Brindabella Gardens Nursery, Highfields, QLD
<b>Descriptor</b>	Rose (UPOV TG/11/8 Rev.)
<b>Period</b>	Apr 2018 -Feb 2019
<b>Conditions</b>	Trial was grown in 20cm pots under full sunlight. Industry standard plant husbandry techniques including watering, fertilising, pruning and fungal pathogen control were carried out for the duration of the trial, such that healthy plants were produced which expressed their phenotypic traits fully.
<b>Trial Design</b>	Six pots of Candidate and Comparator variety grown side by side.
<b>Measurements</b>	In accordance with UPOV TG
<b>RHS Chart - edition</b>	Sixth Edition (2015)

**Origin and Breeding**

Controlled pollination: In August 2015, seed was sown from a directed cross between two breeding lines. In December these seedlings flowered for the first time and the variety was selected on the basis of flower colour and fragrance. Cuttings were taken (Gen 1) to test propagation potential and further test horticultural traits. Four more generations of cuttings were taken between April 2016 and March 2017 and the variety has been uniform and stable for the traits it was selected. Breeder: John C. Gray, Sylvia E. Gray, Highfields, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour group	yellow
Flower	number of colours on inner side	two
Flower	type	double
Flower	diameter	small to medium
Plant	growth type	bed

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

Name	Comments
'Golden Tiger'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Flower Carpet Coral'	plant	growth habit	bed	ground cover	excluded from side by side comparison

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

<b>Organ/Plant Part: Context</b>	<b>'GRAflr'</b>	<b>'Golden Tiger'</b>
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	intermediate
<input type="checkbox"/> Plant: height	medium	short to medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	present	absent
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	-
<input checked="" type="checkbox"/> Stem: number of prickles	many	medium
<input type="checkbox"/> Prickles: predominant colour	yellowish	greenish
<input type="checkbox"/> Leaf: size	small to medium	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium to dark	light
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration	present	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	strong	weak
<input type="checkbox"/> *Leaflet: undulation of margin	weak to medium	medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	many
<input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	many
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	few to medium	medium to many
<input type="checkbox"/> *Flower: colour group	yellow blend	yellow blend
<input type="checkbox"/> Flower: colour of the centre	yellow	yellow
<input type="checkbox"/> Flower: density of petals	loose	loose to medium
<input type="checkbox"/> *Flower: diameter	small to medium	medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded

<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	absent or very weak	medium
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	obovate	obovate
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: reflexing of margin	medium	medium
<input checked="" type="checkbox"/> Petal: undulation	weak	medium
<input type="checkbox"/> *Petal: size	small to medium	medium
<input type="checkbox"/> *Petal: length	short to medium	medium
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	two	two
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	12A	9A
<input checked="" type="checkbox"/> *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	45B	36A
<input checked="" type="checkbox"/> *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at marginal zone	as segments or stripes
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	medium to large	medium to large
<input type="checkbox"/> *Petal: colour of basal spot on inner side	orange yellow	medium yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	14B	16D
<input type="checkbox"/> Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/> Seed vessel: size	small to medium	medium
<input type="checkbox"/> Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
<input type="checkbox"/> Hip: colour	green	green

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'GRAflr'</b>	<b>'Golden Tiger'</b>
<input checked="" type="checkbox"/> Black Spot Disease ( <i>Diplocarpon roseae</i> ): field resistance	very strong	strong
<input type="checkbox"/> powderry mildew: field resistance	very strong	very strong
<input type="checkbox"/> plant: vigour	very strong	very strong

#### **Prior Applications and Sales:**

Nil

First sold in Australia in April 2017.

Description: **John Gray**, Brindabella Gardens Nursery, Highfields, QLD

<b>Details of Application</b>	
<b>Application Number</b>	2018/055
<b>Variety Name</b>	'GRAosr'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Nil
<b>Accepted Date</b>	05 Apr 2018
<b>Applicant</b>	John C. Gray, Sylvia E. Gray, Highfields, QLD.
<b>Agent</b>	N/A
<b>Qualified Person</b>	John Gray

**Details of Comparative Trial**

<b>Location</b>	Brindabella Gardens Nursery, Highfields, QLD
<b>Descriptor</b>	Rose (UPOV TG/11/8 Rev.)
<b>Period</b>	Apr 2018 -Feb 2019
<b>Conditions</b>	Trial was grown in 20cm pots under full sunlight. Industry standard plant husbandry techniques including watering, fertilising, pruning and fungal pathogen control were carried out for the duration of the trial, such that healthy plants were produced which expressed their phenotypic traits fully.
<b>Trial Design</b>	Six pots of Candidate and Comparator variety grown side by side.
<b>Measurements</b>	In accordance with UPOV TG
<b>RHS Chart - edition</b>	Sixth Edition (2015)

**Origin and Breeding**

Controlled pollination: In August 2015, seed was sown from a directed cross between two breeding lines. In December these seedlings flowered for the first time and the variety was selected on the basis of flower colour and fragrance. Cuttings were taken (Gen 1) to test propagation potential and further test horticultural traits. Four more generations of cuttings were taken between April 2016 and March 2017 and the variety has been uniform and stable for the traits it was selected. Breeder: John C. Gray, Sylvia E. Gray, Highfields, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour group	red
Flower	type	double
Flower	diameter	medium
Flower	number of colours on inner side	one
Plant	growth type	bed

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

Name	Comments
'Camp David'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Flower Carpet Red'	plant	growth habit	bed	ground cover	excluded from side by side comparison

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

<b>Organ/Plant Part: Context</b>	<b>'GRAosr'</b>	<b>'Camp David'</b>
<input type="checkbox"/> *Plant: growth type	bed	bed
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	upright
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium to strong	medium to strong
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input type="checkbox"/> Prickles: predominant colour	yellowish	yellowish
<input type="checkbox"/> Leaf: size	medium	medium to large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak to medium
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	acute	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few	few
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	red	red
<input type="checkbox"/> Flower: colour of the centre	red	red
<input type="checkbox"/> Flower: density of petals	medium	medium to dense
<input type="checkbox"/> *Flower: diameter	medium	medium to large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded

<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	strong	strong
<input type="checkbox"/> *Sepal: extensions	weak	weak
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	obovate	obovate
<input type="checkbox"/> Petal: incisions	weak	weak to medium
<input type="checkbox"/> Petal: reflexing of margin	medium	medium
<input type="checkbox"/> Petal: undulation	weak	weak to medium
<input type="checkbox"/> *Petal: size	small to medium	medium
<input type="checkbox"/> *Petal: length	short to medium	medium
<input type="checkbox"/> *Petal: width	medium	medium to broad
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	lighter towards the top	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	42A	45B
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot on inner side	small to medium	very small to small
<input type="checkbox"/> *Petal: colour of basal spot on inner side	medium yellow	medium yellow
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	36D	45B
<input type="checkbox"/> Outer stamen: predominant colour of filament	medium yellow	medium yellow

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'GRAosr'</b>	<b>'Camp David'</b>
<input checked="" type="checkbox"/> Black spot disease ( <i>diplocarpon roseae</i> ): field resistance	medium	very weak
<input type="checkbox"/> Powderry mildew: field resistance	strong	strong
<input type="checkbox"/> Plant: vigour	medium	medium

### **Prior Applications and Sales:**

Nil

First sold in Australia in April 2017.

Description: **John Gray**, Brindabella Gardens Nursery, Highfields, QLD

<b>Details of Application</b>		
<b>Application Number</b>	2017/132	
<b>Variety Name</b>	'Bonpoiakani'	
<b>Genus Species</b>	<i>Euphorbia pulcherrima</i>	
<b>Common Name</b>	Poinsettia	
<b>Accepted Date</b>	27 Jun 2017	
<b>Applicant</b>	Bonza Botanicals Pty Limited, Yellow Rock, NSW	
<b>Agent</b>	Oasis Horticulture Pty Limited, Yellow Rock, NSW	
<b>Qualified Person</b>	Tim Angus	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Yellow Rock, NSW, Australia	
<b>Descriptor</b>	TG/24/6	
<b>Period</b>	July 2018 -October 2018	
<b>Conditions</b>	Comparative Trial grown in indoor conditions at Yellow Rock with rooted cuttings propagated at Yellow Rock and potted into 125 mm standard pots in commercial potting mix; nutrients supplied by slow release and liquid feed fertiliser application; plant protection sprays applied as required.	
<b>Trial Design</b>	Plants grown in separate blocks side by side	
<b>Measurements</b>	As per UPOV guidelines	
<b>RHS Chart - edition</b>	2001	
<b>Origin and Breeding</b>		
Controlled pollination: 'Bonpoiakani' was first selected from seedlings from the controlled pollination between <i>Euphorbia pulcherrima</i> proprietary selection 524 (female parent) and <i>Euphorbia pulcherrima</i> proprietary selection 397 (pollen parent) on 10th November. It was propagated for the first time, vegetatively, in November 2009. Since this time many generations of vegetative propagation have occurred during DUS testing and production trials with no off-types being observed. Breeder: Dr. Andrew Bernuetz.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Bract	single colour	group 5 red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Prestige Red'		
'Eckalix'		
'Freedom Red'		
'Diva Red'		
'Eckada'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Eckalix'	Leaf blade	length	short to medium	very short to short	
'Eckalix'	Leaf blade	width	medium	narrow	
'Freedom Red'	Plant	width	narrow	medium	
'Diva red'	stem	intensity of anthocyanin colouration	absent or very weak	medium	
'Eckada'	plant	height	very short to short	medium	

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

<b>Organ/Plant Part: Context</b>	<b>'Bonpoiakani'</b>	<b>'Prestige Red'</b>
<input type="checkbox"/> *Plant: branching	present	present
<input type="checkbox"/> *Plant: number of branches	very few	very few to few
<input type="checkbox"/> *Plant: height	very short	short
<input checked="" type="checkbox"/> Plant: width	narrow	medium
<input type="checkbox"/> *Stem: intensity of green colour on middle third	strong	strong
<input type="checkbox"/> *Stem: intensity of anthocyanin colouration of middle third	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem: anthocyanin colouration on upper third	absent or weak	absent or weak
<input type="checkbox"/> *Leaf blade: length	short to medium	short to medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> Leaf blade: shape	ovate	ovate
<input type="checkbox"/> *Leaf blade: number of colours on upper side	one	one
<input type="checkbox"/> *Leaf blade: intensity of green colour (varieties with one-coloured leaves only)	strong to very strong	strong to very strong
<input type="checkbox"/> Leaf blade: colour of main vein on upper side	green and red	green and red
<input type="checkbox"/> Leaf blade: number of lobes	none or few	none or few
<input type="checkbox"/> Leaf blade: depth of deepest sinus	very shallow	very shallow to shallow
<input type="checkbox"/> Leaf blade: curvature of main vein	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Petiole: length	very short to short	short to medium
<input type="checkbox"/> Petiole: intensity of green colour on upper side	very weak	very weak
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	medium to strong	medium to strong
<input type="checkbox"/> *Petiole: anthocyanin coloration on lower side	medium	medium
<input type="checkbox"/> *Transitional leaves: number of partly bract-colored leaf	very few	very few

blades		
<input type="checkbox"/> *Transitional leaves: number of fully bract-coloured leaf blades	few to medium	few to medium
<input type="checkbox"/> *Transitional leaves: lobing	absent or weak	absent or weak
<input type="checkbox"/> Transitional leaves: curvature along main vein of fully bract-colored leaf blades	absent or weak	absent or weak
<input type="checkbox"/> *Bract: number	medium	few to medium
<input type="checkbox"/> *Largest bract: length (including petiole)	short	short
<input type="checkbox"/> *Largest bract: width (including petiole)	very narrow	very narrow to narrow
<input type="checkbox"/> *Bract: number of colours of upper side	one	one
<input checked="" type="checkbox"/> *Bract: colour of upper side (varieties with one colored bracts only) (RHS Colour Chart)	Red, new, near RHS 45B; mature between RHS 46A and 46B	Red, new deeper than RHS 53A; mature RHS 53A to 53B
<input type="checkbox"/> Bract: spotting of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Bract: colour of lower side (varieties with one colored bracts only) (RHS Colour Chart)	Red, new, near RHS 47B; mature near RHS 47B	Red, new, near 53A to 53B; mature RHS 53A to 53B
<input type="checkbox"/> Bract: folding along the main vein	absent	absent
<input type="checkbox"/> Bract: twisting	absent	absent
<input type="checkbox"/> Bract: rugosity between veins	absent or very weak	absent or very weak
<input type="checkbox"/> *Cyme: width	narrow to medium	narrow to medium
<input type="checkbox"/> *Cyathium: size of glands	small	small
<input type="checkbox"/> *Cyathium: main colour of gland	yellow	yellow
<input type="checkbox"/> Cyathium: deformation of glands	absent	absent

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>‘Bonpoiakani’</b>	<b>‘Prestige Red’</b>
<input checked="" type="checkbox"/> Largest bract: shape	ovate to elliptic	obovate
<input type="checkbox"/> Leaf blade: shape of base	wedge shaped to rounded	wedge shaped to rounded

### **Prior Applications and Sales:**

Nil

Description: **Tim Angus**, Lower Hutt, Wellington NZ

<b>Details of Application</b>	
<b>Application Number</b>	2015/222
<b>Variety Name</b>	'Grenada'
<b>Genus Species</b>	<i>Fragaria × ananassa</i>
<b>Common Name</b>	Strawberry
<b>Synonym</b>	C232
<b>Accepted Date</b>	11 Oct 2016
<b>Applicant</b>	The Regents of the University of California, California, USA
<b>Agent</b>	Leslie W. Mitchell, Shepparton, VIC
<b>Qualified Person</b>	Leslie Mitchell

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	CPVO
<b>Overseas Data Reference Number</b>	2014/3082
<b>Location</b>	DGAV-DVS Portugal
<b>Descriptor</b>	TG/22/10
<b>Period</b>	2016/2017
<b>Measurements</b>	As per TG/22/10

#### **Origin and Breeding**

Controlled pollination: 'Grenada' was the result of a cross performed in 2008 between two unreleased germplasm accessions 'Cal 4.41-6' and 'Cal 5.109-2'. Accession 'Cal 4.41-6' was chosen as a parent due to its high seasonal productivity, high fruit quality and moderate plant vigour. Accession 'Cal 5.109-2' was chosen as a parent due to its very high early productivity and its large and flavourful fruit. 'Grenada' was first fruited at the University of California Wolfskill Experimental Orchard, near Winters CA in 2009, where it was selected and designated 'Cal 8.55-2'. Runners were propagated for further evaluations and selection and designated as 'C322'. After several years of further testing at Watsonville CA, the variety was designated as 'Grenada' for the purpose of introduction into commerce and for international registration and recognition. Throughout the years of testing at Watsonville CA, and to a limited extent in grower fields, the new variety has remained uniform and stable in its essential characteristics. Breeders: Douglas. V. Shaw and Kirk. D. Larsen, The Regents of the University of California, California, USA

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	semi upright
Petal	colour of upper side	white
Fruit	size	medium
Fruit	shape	conical
Fruit	colour	medium red
Plant	type of bearing	not remontant

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Benicia'	
'Palomar'	

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

<b>Organ/Plant Part: Context</b>	<b>'Grenada'</b>	<b>'Benicia'</b>	<b>'Palomar'</b>
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright	
<input type="checkbox"/> Plant: density of foliage	dense	medium	
<input type="checkbox"/> Plant: vigour	strong	medium	
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	above	same level	
<input type="checkbox"/> *Plant: number of stolons	medium		
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	strong	medium	weak
<input type="checkbox"/> Stolon: density of pubescence	medium		
<input type="checkbox"/> Leaf: size	medium		
<input type="checkbox"/> Leaf: colour of upper side	medium green		
<input type="checkbox"/> *Leaf: blistering	strong		
<input type="checkbox"/> *Leaf: glossiness	medium		
<input type="checkbox"/> Leaf: variegation	absent		
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer		
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	acute		obtuse
<input type="checkbox"/> Terminal leaflet: margin	crenate		
<input type="checkbox"/> Terminal leaflet: shape in cross section	straight		
<input type="checkbox"/> Petiole: length	medium		
<input type="checkbox"/> Petiole: attitude of hairs	horizontal		
<input type="checkbox"/> Stipule: anthocyanin colouration	strong		
<input type="checkbox"/> Inflorescence: number of flowers	few		
<input type="checkbox"/> Pedicel: attitude of hairs	slightly outwards		
<input checked="" type="checkbox"/> Flower: diameter	medium	large	
<input type="checkbox"/> *Flower: arrangement of petals	overlapping		
<input checked="" type="checkbox"/> *Flower: size of calyx in relation to corolla	same size	larger	
<input type="checkbox"/> *Flower: stamen	present		
<input type="checkbox"/> Petal: length in relation to width	moderately shorter		

<input type="checkbox"/> *Petal: colour of upper side	white		
<input checked="" type="checkbox"/> *Fruit: length in relation to width	moderately longer		equal
<input checked="" type="checkbox"/> *Fruit: size	medium	large	
<input type="checkbox"/> *Fruit: shape	conical		
<input type="checkbox"/> Fruit: difference in shape of terminal and other fruits	none or very slight		
<input type="checkbox"/> *Fruit: colour	medium red		
<input type="checkbox"/> Fruit: evenness of colour	even or very slightly uneven		
<input type="checkbox"/> Fruit: glossiness	medium		
<input checked="" type="checkbox"/> Fruit: evenness of surface	slightly uneven		even or very slightly uneven
<input type="checkbox"/> Fruit: width of band without achenes	absent or very narrow	narrow	
<input type="checkbox"/> *Fruit: position of achenes	below surface		
<input type="checkbox"/> Fruit: position of calyx attachment	level with fruit		
<input type="checkbox"/> Fruit: attitude of sepals	upwards		
<input checked="" type="checkbox"/> Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	much larger	same size
<input type="checkbox"/> Fruit: adherence of calyx	strong		
<input type="checkbox"/> Fruit: firmness	medium		
<input type="checkbox"/> Fruit: colour of flesh (excluding core)	light red		
<input type="checkbox"/> Fruit: colour of core	medium red		
<input type="checkbox"/> Fruit: cavity	absent or small		
<input type="checkbox"/> *Time of: beginning of flowering	early		
<input type="checkbox"/> Time of: beginning of fruit ripening	early		
<input type="checkbox"/> *Type of: bearing	not remontant		

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2014	Granted	'Grenada'
EU	2014	Granted	'Grenada'

First sold in USA in Feb 2014

Description: Leslie W. Mitchell, Shepparton, VIC.

<b>Details of Application</b>	
<b>Application Number</b>	2015/202
<b>Variety Name</b>	'Fronteras'
<b>Genus Species</b>	<i>Fragaria × ananassa</i>
<b>Common Name</b>	Strawberry
<b>Synonym</b>	C235
<b>Accepted Date</b>	11 Oct 2016
<b>Applicant</b>	The Regents of the University of California, California, USA
<b>Agent</b>	Leslie W. Mitchell, Shepparton, VIC
<b>Qualified Person</b>	Leslie Mitchell

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	CPVO
<b>Overseas Data Reference Number</b>	2014/3084
<b>Location</b>	DGAV-DVS Portugal
<b>Descriptor</b>	TG/22/10
<b>Period</b>	2016 - 2017
<b>Measurements</b>	As per TG/22/10

#### **Origin and Breeding**

Controlled pollination: 'Fronteras' is the result of a cross, completed in 2008, between two unreleased germplasm accessions; 'Cal 4.18-4' and 'Cal 5.165-1'. Accession 'Cal 4.18-4' was chosen as a parent due to its very high early productivity, large and high quality fruit and moderate plant vigour. Accession 'Cal 5.165-1' was chosen as a parent due to its vigorous but open plant habit, large and flavourful fruit and extended productivity. 'Fronteras' was first fruited at the University of California South Coast Research and Extension Centre near Irvine in California in 2008, where it was selected and designated 'Cal 8.132.608'. It was then propagated asexually by runners for further evaluation. Following selection and during testing it was designated 'C235'. Asexual propagules from this original source have been tested in California at the Watsonville Strawberry Research Facility, the South Coast Research and Extension facility and to a limited extent in grower fields from 2010. The cultivar is stable and reproduces true to type in successive generations of asexual production. Breeders: Douglas. V. Shaw and Kirk. D. Larsen, The Regents of the University of California, California, USA

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	upright
Petal	colour of the upper side	white
Fruit	size	large
Fruit	shape	conical
Fruit	colour	orange red
Plant	type of bearing	not remontant

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Palomar'	
'Benicia'	

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

<b>Organ/Plant Part: Context</b>	<b>'Fronteras'</b>	<b>'Benicia'</b>	<b>'Palomar'</b>
<input checked="" type="checkbox"/> *Plant: growth habit	upright		semi-upright
<input checked="" type="checkbox"/> Plant: density of foliage	dense	medium	
<input checked="" type="checkbox"/> Plant: vigour	strong	medium	
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	above	same level	
<input checked="" type="checkbox"/> *Plant: number of stolons	absent or very few	medium	
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	absent or very weak		weak
<input type="checkbox"/> Stolon: density of pubescence	sparse		
<input type="checkbox"/> Leaf: size	medium		
<input checked="" type="checkbox"/> Leaf: colour of upper side	light green	medium green	
<input checked="" type="checkbox"/> *Leaf: blistering	medium	strong	
<input type="checkbox"/> *Leaf: glossiness	medium		
<input type="checkbox"/> Leaf: variegation	absent		
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer		
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	acute		obtuse
<input type="checkbox"/> Terminal leaflet: margin	crenate		
<input checked="" type="checkbox"/> Terminal leaflet: shape in cross section	straight	concave	
<input type="checkbox"/> Petiole: length	long		
<input type="checkbox"/> Petiole: attitude of hairs	horizontal		
<input checked="" type="checkbox"/> Stipule: anthocyanin colouration	very strong	absent or very weak	
<input type="checkbox"/> Inflorescence: number of flowers	many	medium	
<input type="checkbox"/> Pedicel: attitude of hairs	horizontal		
<input checked="" type="checkbox"/> Flower: diameter	large		medium
<input type="checkbox"/> *Flower: arrangement of petals	overlapping		
<input type="checkbox"/> *Flower: size of calyx in relation to corolla	same size		
<input type="checkbox"/> *Flower: stamen	present		
<input type="checkbox"/> Petal: length in relation to width	equal		

<input type="checkbox"/>	*Petal: colour of upper side	white		
<input checked="" type="checkbox"/>	*Fruit: length in relation to width	moderately longer		equal
<input type="checkbox"/>	*Fruit: size	large		
<input type="checkbox"/>	*Fruit: shape	conical		
<input type="checkbox"/>	Fruit: difference in shape of terminal and other fruits	none or very slight		
<input type="checkbox"/>	*Fruit: colour	orange red		
<input type="checkbox"/>	Fruit: evenness of colour	even or very slightly uneven		
<input type="checkbox"/>	Fruit: glossiness	strong		
<input type="checkbox"/>	Fruit: evenness of surface	even or very slightly uneven		
<input checked="" type="checkbox"/>	Fruit: width of band without achenes	absent or very narrow	narrow	
<input type="checkbox"/>	*Fruit: position of achenes	below surface		
<input type="checkbox"/>	Fruit: position of calyx attachment	inserted		
<input type="checkbox"/>	Fruit: attitude of sepals	upwards		
<input checked="" type="checkbox"/>	Fruit: diameter of calyx in relation to diameter of fruit	slightly larger	much larger	same size
<input type="checkbox"/>	Fruit: adherence of calyx	strong		
<input type="checkbox"/>	Fruit: firmness	very firm		
<input type="checkbox"/>	Fruit: colour of flesh (excluding core)	medium red		
<input type="checkbox"/>	Fruit: colour of core	light red		
<input type="checkbox"/>	Fruit: cavity	large		
<input type="checkbox"/>	*Time of: beginning of flowering	very early		
<input type="checkbox"/>	Time of: beginning of fruit ripening	very early		
<input type="checkbox"/>	*Type of: bearing	not remontant		

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2014	Granted	'Fronteras'
EU	2014	Granted	'Fronteras'

First sold in USA in Feb 2014

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

<b>Details of Application</b>	
<b>Application Number</b>	2015/248
<b>Variety Name</b>	'VILLA11'
<b>Genus Species</b>	<i>Citrus sinensis</i>
<b>Common Name</b>	Sweet Orange
<b>Synonym</b>	
<b>Accepted Date</b>	02 Oct 2015
<b>Applicant</b>	Frank Mercuri, Domenic Mercuri, Frank Nardi, Michael Nardi, Joe Nardi; Leeton, NSW 2705, Australia
<b>Agent</b>	Variety Access Pty Ltd, Torbanlea, QLD 4662
<b>Qualified Person</b>	Susan Chislett
<b>Details of Comparative Trial</b>	
<b>Location</b>	NSW Department of Primary Industries, Dareton, NSW
<b>Descriptor</b>	Oranges TG/202/1
<b>Period</b>	2017/18
<b>Conditions</b>	NSW Department of Primary Industries evaluation site at Dareton in the Sunraysia region. Established blocks of 'Kirkwood Red' and 'Cara Cara' are planted nearby under the same irrigation and management system. Trees are planted on deep undulating sandy loam soil with a north facing aspect which traditionally is not advantageous to holding fruit late in the season.
<b>Trial Design</b>	Trees of several generations were planted side by side within the same row. All tree and fruit characteristics were consistent across all generations.
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guide line
<b>RHS Chart - edition</b>	Sixth Edition (2015)
<b>Origin and Breeding</b>	
Spontaneous mutation or sport: 'Villa 11' was first discovered as a whole tree mutation of 'Cara Cara' (not protected) in a cultivated commercial orchard at Leeton, New South Wales, Australia in 2015. It was observed that the fruit on the parent tree coloured approximately six weeks later than any other fruit on other trees in the block. Subsequently, daughter trees were grafted onto Trifoliata rootstock at the NSW Department of Primary Industries, Dareton, NSW. Breeders: Frank Mercuri, Domenic Mercuri, Frank Nardi, Michael Nardi, Joe Nardi, Leeton, NSW 2705, Australia	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	type	navel
Fruit	main colour of flesh	orange red

Fruit	length	short to medium
Fruit	diameter	small to medium
Fruit surface	predominant colour	medium orange
Fruit	presence of navel	always present
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Cara Cara'	Seedless, red flesh, earliest red flesh navel	
'Kirkwood Red'	Seedless, red flesh, 4 weeks later maturing than 'Cara Cara'	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>'VILLA11'</b>	<b>'Cara Cara'</b>	<b>'Kirkwood Red'</b>
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	drooping	drooping	drooping
<input type="checkbox"/> Tree: density of spines	absent or sparse	absent or sparse	absent or sparse
<input type="checkbox"/> Tree: length of spines	very short	very short	very short
<input type="checkbox"/> Leaf blade: length	medium to long	medium to long	medium to long
<input type="checkbox"/> Leaf blade: width	medium to broad	medium to broad	medium to broad
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	medium
<input type="checkbox"/> Leaf blade: shape in cross section	intermediate	intermediate	intermediate
<input type="checkbox"/> Leaf blade: twisting	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: blistering	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: green colour	medium	medium	medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: incisions of margin	absent	absent	absent
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf blade: emargination at tip	absent	absent	absent
<input type="checkbox"/> Petiole: length	very short to short	very short to short	very short to short
<input type="checkbox"/> Petiole: presence of wings	present	present	present
<input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only)	very narrow	very narrow	very narrow

<input type="checkbox"/> *Fruit: length	short to medium	short to medium	short to medium
<input type="checkbox"/> *Fruit: diameter	small to medium	small to medium	small to medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium	medium	medium
<input type="checkbox"/> *Fruit: position of broadest part	at middle	at middle	at middle
<input type="checkbox"/> Fruit: general shape of proximal part	slightly rounded	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only)	absent	absent	absent
<input type="checkbox"/> Fruit: depth of depression at stalk end (varieties without fruit neck only)	shallow	shallow	shallow
<input type="checkbox"/> Fruit: number of radial grooves at stalk end	intermediate	intermediate	intermediate
<input type="checkbox"/> Fruit: length of radial grooves at stalk end	short to medium	short to medium	short to medium
<input type="checkbox"/> Fruit: presence of collar	absent	absent	absent
<input type="checkbox"/> Fruit: general shape of distal part	flattened	flattened	flattened
<input type="checkbox"/> *Fruit: presence of depression at distal end	absent	absent	absent
<input type="checkbox"/> *Fruit: presence of areola	absent	absent	absent
<input type="checkbox"/> Fruit: presence of navel opening	always present	always present	always present
<input type="checkbox"/> Fruit: diameter of navel opening	very small	very small	very small
<input type="checkbox"/> Fruit: bulging of navel	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Fruit: presence of radial grooves at distal end	absent	absent	absent
<input type="checkbox"/> Fruit: colour variegation	absent	absent	absent
<input type="checkbox"/> *Fruit surface: predominant colour(s)	medium orange	medium orange	medium orange
<input type="checkbox"/> Fruit surface: roughness	smooth to medium	smooth to medium	smooth to medium
<input type="checkbox"/> Fruit surface: size of oil glands	all more or less the same size	all more or less the same size	all more or less the same size
<input type="checkbox"/> Fruit surface: size of larger oil glands	small to medium	small to medium	small to medium

<input type="checkbox"/> Fruit surface: conspicuousness of larger oil glands	very weak	very weak	very weak
<input type="checkbox"/> *Fruit rind: thickness	thin to medium	thin to medium	thin to medium
<input type="checkbox"/> Fruit rind: strength	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Fruit: colour of albedo	light yellow	light yellow	light yellow
<input type="checkbox"/> Fruit: differently coloured specks in flesh	absent	absent	absent
<input type="checkbox"/> Fruit: bicoloured segments	absent	absent	absent
<input type="checkbox"/> *Fruit: main colour of flesh	orange red	orange red	orange red
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	always present	always present	always present
<input type="checkbox"/> Fruit: juiciness	high	medium to high	high
<input type="checkbox"/> *Seed: polyembryony	absent	absent	absent
<input type="checkbox"/> *Time of: maturity of fruit for consumption	late	medium	medium to late
<input type="checkbox"/> *Fruit: parthenocarpy	present	present	present

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'VILLA11'</b>	<b>'Cara Cara'</b>	<b>'Kirkwood Red'</b>
<input type="checkbox"/> Juice: Acid/sugar ratio			
Mean	12.03	47.09	50.64
Std. Deviation	3.48	3.70	2.66
Lsd/sig			
<input type="checkbox"/> Juice: % juice			
Mean	50.38 %	47.09 %	50.64 %
Std. Deviation	3.45	3.70	2.66
Lsd/sig			
<input type="checkbox"/> Juice: °Brix			
Mean	11.45	12.40	11.40
Std. Deviation	0.99	0.66	1.17
Lsd/sig			
<input type="checkbox"/> Juice: Acid (%)			

Mean	1.06	1.09	50.64
Std. Deviation	0.26	0.27	2.66
Lsd/sig			

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Susan Chislett**, Kenley VIC 3597 s

<b>Details of Application</b>	
<b>Application Number</b>	2017/194
<b>Variety Name</b>	'Arendell'
<b>Genus Species</b>	<i>Solanum lycopersicum</i>
<b>Common Name</b>	Tomato
<b>Synonym</b>	
<b>Accepted Date</b>	04 Jul 2017
<b>Applicant</b>	Nunhems B.V., Napoleonsweg 152, Nunhem, 6083AB, The Netherlands.
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates
<b>Details of Comparative Trial</b>	
<b>Location</b>	Andersons Road, Lyra, Queensland
<b>Descriptor</b>	TG/44/11 Rev.
<b>Period</b>	December 2018 - February 2019
<b>Conditions</b>	Nil rainfall, trickle irrigation when necessary, plastic mulch, .
<b>Trial Design</b>	trellised plants to 4 wires height, 300 plus plants per generation and control in commercial rows
<b>Measurements</b>	As per UPOV Technical guidelines
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination: the two parents were hybridized in 2011 and selection made over 8 generations to selection of a true breeding line with breeders code: NUN 04511 TOF. Selection characters used: Plant form vigorous; Fruit shape round; Resistance to TSWV-Race 0 present. The variety has remained stable over 12 generations. Breeder: Nunhems B.V., Napoleonsweg 152, Nunhem, 6083AB, The Netherlands.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	indeterminate
Leaf	type of blade	bipinnate
Peduncle	oblate	present
Fruit	size	medium
Fruit	shape in longitudinal section	oblate
Fruit	colour	red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Thunder'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'ParonSet'	resistance	Meloidogyne incognita	resistant	susceptible	
'Alambra'	resistance	TSWV-Race 0	resistant	susceptible	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'Arendell'</b>	<b>'Thunder'</b>
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Stem: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Stem: length of internode (varieties with plant growth type indeterminate only)	medium	short to medium
<input type="checkbox"/> *Leaf: attitude	semi-erect to horizontal	semi-erect to horizontal
<input type="checkbox"/> Leaf: length	medium to long	medium to long
<input type="checkbox"/> Leaf: width	medium to broad	medium to broad
<input type="checkbox"/> *Leaf: type of blade	bipinnate	bipinnate
<input type="checkbox"/> Leaf: size of leaflets	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: glossiness	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: blistering	weak to medium	weak to medium
<input type="checkbox"/> Leaf: attitude of petiole of leaflet in relation to main axis	semi-erect	semi-erect
<input type="checkbox"/> Inflorescence: type	mainly uniparous	mainly uniparous
<input type="checkbox"/> *Flower: colour	yellow	yellow
<input type="checkbox"/> Flower: pubescence of style	present	present
<input type="checkbox"/> *Peduncle: abscission layer	present	present
<input type="checkbox"/> *Pedicel: length (varieties with peduncle abscission layer present only)	short to medium	medium
<input checked="" type="checkbox"/> *Fruit: green shoulder (before maturity)	absent	present
<input type="checkbox"/> *Fruit: intensity of green colour excluding shoulder (before maturity)	light to medium	light to medium
<input type="checkbox"/> Fruit: green stripes (before maturity)	absent	absent

<input type="checkbox"/> *Fruit: size	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	moderately compressed	moderately compressed
<input type="checkbox"/> *Fruit: shape in longitudinal section	oblate	oblate
<input type="checkbox"/> *Fruit: ribbing at peduncle end	very weak to weak	very weak to weak
<input type="checkbox"/> Fruit: depression at peduncle end	medium	weak to medium
<input type="checkbox"/> Fruit: size of peduncle scar	medium to large	medium to large
<input type="checkbox"/> Fruit: size of blossom scar	very small	very small
<input type="checkbox"/> Fruit: shape at blossom end	indented to flat	indented to flat
<input type="checkbox"/> Fruit: diameter of core in cross section in relation to total diameter	medium	medium to large
<input checked="" type="checkbox"/> Fruit: thickness of pericarp	medium to thick	thick to very thick
<input type="checkbox"/> *Fruit: colour (at maturity)	red	red
<input type="checkbox"/> *Fruit: colour of flesh (at maturity)	red	red
<input type="checkbox"/> Fruit: glossiness of skin	medium	medium
<input type="checkbox"/> Fruit: colour of epidermis	yellow	yellow
<input type="checkbox"/> *Fruit: firmness	medium to firm	medium to firm
<input type="checkbox"/> Fruit: shelf-life	medium	short to medium
<input type="checkbox"/> *Fruit: size	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	moderately compressed	moderately compressed

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Arendell'</b>	<b>'Thunder'</b>
<input type="checkbox"/> Fruit: number of locules	3-6	2-5
<input checked="" type="checkbox"/> Fruit: sepal size	short-medium	long

### **Prior Applications and Sales:**

First sold in Brazil on 10<sup>th</sup> April 2015

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Chile	2016	pending	'Arendell'

Description: **John Oates**, VF solutions

<b>Details of Application</b>	
<b>Application Number</b>	2017/282
<b>Variety Name</b>	'Trevine'
<b>Genus Species</b>	<i>Solanum lycopersicum</i>
<b>Common Name</b>	Tomato
<b>Synonym</b>	Nil
<b>Accepted Date</b>	24 Oct 2017
<b>Applicant</b>	Nunhems B.V., Napoleonsweg 152, Nunhem, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	Ean Blackwell

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands
<b>Overseas Data Reference Number</b>	TMT3159
<b>Location</b>	Naktuinbouw, ROELOFARENDSVEEN, The Netherlands
<b>Descriptor</b>	UPOV TG/44/11 & TP/44/4
<b>Period</b>	2017
<b>Measurements</b>	In accordance with UPOV Technical Guidelines
<b>RHS Chart - edition</b>	

#### **Origin and Breeding**

Controlled pollination: Via parent line development from other varieties and crossings between varieties. Subsequent selfings for several generations followed by final hybrid cross. Nunhems B.V., Napoleonsweg 152, Nunhem, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	number of locules	two and three
Fruit	colour at maturity	red
Plant	Resistance to <i>Meloidogyne incognita</i>	susceptible
Plant	Resistance to <i>Verticillium</i> sp. (Va and Vd) fysio 0	present
Plant	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 0 (ex 1)	present
Plant	resistance <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , race 1 (ex 2)	present
Plant	resistance to <i>Tomato Mosaic Virus</i> (ToMV), strain 0	present
Plant	resistance <i>Tomato Spotted Wilt Virus</i> (TSWV), race 0	absent
Plant	growth type	indeterminate
Peduncle	abscission layer	absent

Fruit	green shoulder (before maturity)	absent
Fruit	green stripes (before maturity)	absent
Fruit	size	medium to large
Fruit	shape in longitudinal section	oblate

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

Name	Comments
'Xandor'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Komeet'	Peduncle	abscission layer	absent	present
'Merlice'	Leaf	blistering	medium to strong	weak to medium
'Progression'	Peduncle	abscission layer	absent	present

### **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	'Trevine'	'Xandor'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only)	present	present
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	very weak to weak
<input type="checkbox"/> Stem: length of internode (varieties with plant growth type indeterminate only)	long	long to very long
<input type="checkbox"/> Plant: height (varieties with plant growth type indeterminate only)	long	long to very long
<input type="checkbox"/> *Leaf: attitude	horizontal to semi-drooping	horizontal to semi-drooping
<input checked="" type="checkbox"/> Leaf: length	medium	long
<input type="checkbox"/> Leaf: width	medium	medium to broad
<input type="checkbox"/> *Leaf: type of blade	bipinnate	bipinnate
<input type="checkbox"/> Leaf: size of leaflets	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: glossiness	medium	weak to medium
<input type="checkbox"/> Leaf: blistering	medium to strong	medium
<input type="checkbox"/> Leaf: attitude of petiole of leaflet in relation to main axis	erect to semi-erect	semi-erect
<input type="checkbox"/> Inflorescence: type	mainly uniparous	mainly uniparous

<input type="checkbox"/> *Flower: colour	yellow	yellow
<input type="checkbox"/> Flower: pubescence of style	present	present
<input type="checkbox"/> *Peduncle: abscission layer	absent	absent
<input type="checkbox"/> *Fruit: green shoulder (before maturity)	absent	absent
<input type="checkbox"/> Fruit: green stripes (before maturity)	absent	
<input type="checkbox"/> *Fruit: size	medium to large	medium to large
<input type="checkbox"/> *Fruit: ratio length/diameter	moderately compressed to medium	moderately compressed
<input type="checkbox"/> *Fruit: shape in longitudinal section	oblate	
<input type="checkbox"/> *Fruit: ribbing at peduncle end	weak	very weak to weak
<input checked="" type="checkbox"/> Fruit: depression at peduncle end	medium	weak
<input type="checkbox"/> Fruit: size of peduncle scar	medium to large	medium
<input type="checkbox"/> Fruit: size of blossom scar	small	very small to small
<input type="checkbox"/> Fruit: shape at blossom end	flat	flat
<input type="checkbox"/> Fruit: diameter of core in cross section in relation to total diameter	medium to large	large
<input type="checkbox"/> Fruit: thickness of pericarp	medium to thick	medium to thick
<input type="checkbox"/> *Fruit: number of locules	two and three	two and three
<input type="checkbox"/> *Fruit: colour (at maturity)	red	red
<input type="checkbox"/> *Fruit: colour of flesh (at maturity)	red	red
<input type="checkbox"/> Fruit: glossiness of skin	strong	strong
<input type="checkbox"/> *Fruit: firmness	firm to very firm	firm to very firm
<input type="checkbox"/> Time of: flowering	medium to late	medium
<input type="checkbox"/> *Time of: maturity	late	late
<input type="checkbox"/> *Resistance to: <i>Meloidogyne incognita</i> (Mi)	susceptible	susceptible
<input type="checkbox"/> *Resistance to: <i>Verticillium</i> sp. (Va and Vd) Race 0	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) Race 0 (ex 1)	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> Race 1 (ex 2)	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) Race 2 (ex 3)	absent	
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> (Forl)	present	present

<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Race 0	present	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Group A	present	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Group B	present	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Group C	present	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Group D	present	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i> ) Group E	present	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) Strain 0	present	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) Strain 1	present	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) Strain 2	present	present
<input type="checkbox"/> Resistance to: <i>Phytophthora infestans</i> (Pi)	absent	
<input type="checkbox"/> Resistance to: <i>Tomato Yellow Leaf Curl Begomovirus</i> (TYLCV)	absent	absent
<input type="checkbox"/> Resistance to: <i>Tomato Spotted Wilt Tospovirus</i> (TSWV) - Race 0	absent	absent
<input type="checkbox"/> Resistance to: <i>Oidium neolycopersici</i> (On) (ex <i>Oidium lycopersicum</i> (Ol))	present	present

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2016	Granted	'Trevine'
Russia	2018	Applied	'Trevine'
The Netherlands	2016	Granted	'Trevine'

**Prior Sales:** NilDescription: **Ean Blackwell**, ShelstonIP, Sydney, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2015/242
<b>Variety Name</b>	'DS Darwin'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	02 Oct 2015
<b>Applicant</b>	AgriGenetics, Inc., Indianapolis, Indiana, USA
<b>Agent</b>	Dow AgroSciences Australia Limited, Frenchs Forrest, NSW 2086
<b>Qualified Person</b>	Ross Downes
<b>Details of Comparative Trial</b>	
<b>Location</b>	Greenethorpe, via Young, NSW
<b>Descriptor</b>	UPOV TG/3/12
<b>Period</b>	winter-spring 2018
<b>Conditions</b>	dryland, drought conditions
<b>Trial Design</b>	randomised block, two replications, more than a thousand plants, unirrigated, in rows in open field.
<b>Measurements</b>	Measurements were taken in metric system following UPOV guide line
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
<p>Controlled pollination: Initial controlled cross pollination between CFR00-18 and Rubric was undertaken at NZ PFR Lincoln. F1 seed was selfed to produce F2 seed which was sown in the field to allow selection for ideotype. Selfed seed from selected plants was retained, bulked and the process repeated in the F3 and F4 generations. F5 seed was planted and a single spike selected with F6 seed imported into quarantine at CSIRO, Canberra. Extensive field testing of the fixed line for ideotype, grain yield and quality was undertaken from 2010 to 2017. Breeder: Advantage Wheats Pty Ltd (formerly HRZ Wheats Pty Ltd) (R&amp;D alliance of New Zealand Institute of Plant and Food Research Ltd (NZ PFR) (formerly New Zealand Institute of Crop and Food Research LTD (NZ CFR) and Commonwealth Scientific and Industrial Research Organisation (CSIRO).</p>	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Lower glume	hairiness on external surface	absent
Flag leaf	glaucosity	weak to strong
Ear	glaucosity	medium to strong
Seasonal	type	spring

Ear	scurs or awns	awns present
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Lincoln'		
'Derrimut'		
'Scout'		

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>				
<b>Organ/Plant Part: Context</b>	<b>'DS Darwin'</b>	<b>'Derrimut'</b>	<b>'Lincoln'</b>	<b>'Scout'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white
<input type="checkbox"/> *Plant: growth habit	semi erect	semi erect	intermediate	semi erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early to medium	early to medium	early to medium	early
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	medium	medium to strong	medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	medium	medium	medium to strong	medium
<input type="checkbox"/> *Ear: glaucosity	medium	medium	medium	medium
<input type="checkbox"/> Culm: glaucosity of neck	weak	medium	strong	medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Plant: length	short	medium	medium	medium
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	medium	thin
<input checked="" type="checkbox"/> *Ear: density	medium	dense	medium	medium
<input checked="" type="checkbox"/> Ear: length	medium to long	medium	medium to long	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	medium	medium	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering	fusiform
<input type="checkbox"/> Apical rachis segment: area of	absent or very	absent or	absent or	absent or

hairiness on convex surface	small	very small	very small	very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	absent or very narrow	narrow	narrow to medium	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	strongly sloping	strongly sloping	slightly sloping	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	short to medium	medium to long	long	short to medium
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight	straight	straight to slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type	spring type

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'DS Darwin'</b>	<b>'Derrimut'</b>	<b>'Lincoln'</b>	<b>'Scout'</b>
<input type="checkbox"/> <b>Ear: length (mm)</b>				
Mean	80.90	58.10	76.60	79.10
Std. Deviation	1.90	1.80	2.10	2.40
Lsd/sig	7.4	P≤0.01	ns	ns

**Prior Applications and Sales:**

No prior sale and applications.

Description: **Ross Downes**, Moruya, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2015/244
<b>Variety Name</b>	'DS Pascal'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	13 Oct 2015
<b>Applicant</b>	AgriGenetics, Inc., Indianapolis, USA
<b>Agent</b>	Dow AgroSciences Australia Limited, Frenchs Forrest, NSW 2086
<b>Qualified Person</b>	Ross Downes
<b>Details of Comparative Trial</b>	
<b>Location</b>	Greenethorpe, via Young, NSW
<b>Descriptor</b>	UPOV TG/3/12
<b>Period</b>	winter-spring 2018
<b>Conditions</b>	dryland, drought
<b>Trial Design</b>	randomised block, two replications, more than a thousand plants in unirrigated open field.
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guideline
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled pollination: Initial cross pollination between parents FAWWON10 and CFR00-687-55 was undertaken at Lincoln NZ. F1 seed was selfed to produce F2 seed which was sown in the field to enable selection for ideotype. Selfed seed from selected plants was retained, bulked and the process was repeated in the F3 and F4 generations. F5 seed was sown and a single spike was selected, with F6 grain imported into quarantine at CSIRO, Canberra. Extensive field testing was undertaken for ideotype, grain yield and quality from 2010 until 2017. Breeder: Advantage Wheats Pty Ltd (formerly HRZ Wheats Pty Ltd).	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Ear	emergence	medium , medium late
Flag leaf	glaucosity	strong , medium
Ears	scurs or awns	awns present
Lower glume	hairiness on external surface	absent
Ear	colour	white
Seasonal	type	spring type
Ear	shape in profile	parallel sided

Seed	colour	white
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Bolac'		
'Yipti'		
'Lancer'		

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

<b>Organ/Plant Part: Context</b>	<b>'DS Pascal'</b>	<b>'Bolac'</b>	<b>'Lancer'</b>	<b>'Yipti'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white
<input type="checkbox"/> *Plant: growth habit	semi erect	erect to semi erect	intermediate to semi prostrate	semi erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Time of: ear emergence	medium to late	medium to late	late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	weak	very weak to weak	medium to strong
<input type="checkbox"/> Flag leaf: glaucosity of blade	medium	weak	weak	strong
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	weak	absent or very weak	medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	weak	absent or very weak	weak to medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> *Plant: length	medium	medium	short	short to medium
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	medium	thin
<input type="checkbox"/> *Ear: density	lax to medium	medium	medium	medium
<input checked="" type="checkbox"/> Ear: length	medium to long	short	very short	short
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	medium to long	medium	long to very long	long
<input type="checkbox"/> *Ear: colour	white	white	white	white

<input type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	narrow	absent or very narrow	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly sloping	strongly sloping to slightly sloping	slightly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	medium	medium	long	medium to long
<input checked="" type="checkbox"/> *Lower glume: shape of beak	straight to slightly curved	moderately curved	straight to slightly curved	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type	spring type

<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>'DS Pascal'</b>	<b>'Bolac'</b>	<b>'Lancer'</b>	<b>'Yipti'</b>
<input type="checkbox"/> <b>ear: length</b>				
Mean	76.30 mm	69.80 mm	65.00 mm	67.60 mm
Std. Deviation	3.90 mm	2.70 mm	1.30 mm	1.60 mm
Lsd/sig	9.2	ns	P≤0.01	ns

### **Prior Applications and Sales:**

No prior sale and applications.

Description: **Ross Downes**, Moruya, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2018/167
<b>Variety Name</b>	'SUNPRIME'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	09 Jul 2018
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371
<b>Agent</b>	
<b>Qualified Person</b>	Andrew Cecil
<b>Details of Comparative Trial</b>	
<b>Location</b>	Roseworthy, South Australia
<b>Descriptor</b>	UPOV Wheat TG/3/12
<b>Period</b>	2018
<b>Conditions</b>	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (20 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2018 and 90kg MAP + 2.5% zinc fertiliser was applied with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 10th July with LVE Agritone (620mls/ha), Lontrel Advance (50 ml/ha), Axial (300ml/ha), Ally (5g/ha), Adigor (500mls/100L) to control weeds. On the 30th of July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 20th of August with Opera (500 ml/ha) + BS1000 (100 ml/100L). The season finished early with limited spring rainfall. The trial was harvested on 10th December 2018
<b>Trial Design</b>	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
<b>Measurements</b>	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using "R" software.
<b>RHS Chart edition</b>	Roseworthy, South Australia
<b>Origin and Breeding</b>	
<b>Controlled pollination:</b> The cross (SUN445C/EGA GREGORY) was made in AGT (then Sunprime) crossing block at Plant Breeding Institute (PBI), Narrabri in 2003. F1 seed was selfed in 2004 and F2 population were grown in the field at PBI Cobbitty in 2005. Single ears were harvested from selected plants based on leaf, stem and stripe rust resistances. All ears then bulk threshed and was grown over the summer of 2005/06 at the PBC Horsham. The F4 population was grown at PBI, Narrabri where single plants were selected based on maturity and plant type in Spring 2006. Selections were evaluated for milling quality, grain yield and disease resistances including three rusts, crown rot and RLN (P.	

thornei) from 2007 to 2011. The highest yielding line identified was space planted in 2012 and reselected for plant type and leaf rust. 22 elite individual derivatives including SUN803U entered AGT's agronomic, disease and quality testing network across New South Wales, Queensland, Victoria, South Australia and Western Australia. In 2017 SUN803U entered NVT. Seed purification began in 2016 and this seed is used for commercial seed multiplication. Breeders: Dr Meiqin Lu and Mr Thomas Kapcejevs, Australian Grain Technologies, Roseworthy, SA 5371

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	colour	white
Ear	colour	white
Seasonal Type		spring
Plant	growth habit	erect to semi erect
Plant	frequency of recurved leaves	low to medium
Flag Leaf	anthocyanin colouration of auricles	absent to weak

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

Name	Comments
'Mustang'	
'Spitfire'	

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'EGA Gregory'	Flag leaf	anthocyanin colouration of auricle	absent or weak	strong	
'Coolah'	Flag leaf	anthocyanin colouration of auricle	absent or weak	strong	
'Flanker'	Flag leaf	anthocyanin colouration of auricle	absent or weak	strong	
'Summate'	Flag leaf	Stripe rust (Yr)	R-MR	MR-MS	

**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	'SUNPRIME'	'Mustang'	'Spitfire'
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect	erect to semi

			erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	very weak to weak	weak	weak
<input type="checkbox"/> *Ear: glaucosity	weak	weak to medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	weak	weak to medium	weak
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input checked="" type="checkbox"/> *Straw: pith in cross section	thick or filled	thin	thin
<input checked="" type="checkbox"/> *Ear: density	medium	dense	lax to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	medium	medium	medium to long
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	horizontal	slightly sloping	strongly sloping to slightly sloping
<input type="checkbox"/> Lower glume: length of beak	medium	medium to long	medium
<input checked="" type="checkbox"/> *Lower glume: shape of beak	moderately curved	straight	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'SUNPRIME'</b>	<b>'Mustang'</b>	<b>'Spitfire'</b>
<input checked="" type="checkbox"/> Ear: Length (mm)			
Mean	98.80	80.60	93.95
Std. Deviation	1.40	3.70	3.30
Lsd/sig	7.61	P≤0.01	P≤0.01

<input type="checkbox"/> Flag leaf: Length (mm)			
Mean	148.40	141.40	136.10
Std. Deviation	16.50	17.30	1.41
Lsd/sig	28.47	ns	ns
<input checked="" type="checkbox"/> Plant: Height (cm)			
Mean	83.00	71.95	75.75
Std. Deviation	0.85	1.34	5.30
Lsd/sig	5.75	P $\leq$ 0.01	P $\leq$ 0.01
<input type="checkbox"/> Plant: ear emergence (Julian Days)			
Mean	242.66	238.66	242.00
Std. Deviation	1.25	1.15	1.00
Lsd/sig	2.80	P $\leq$ 0.01	ns

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371

<b>Details of Application</b>	
<b>Application Number</b>	2018/162
<b>Variety Name</b>	'Illabo'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	09 Jul 2018
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371
<b>Agent</b>	
<b>Qualified Person</b>	Andrew Cecil
<b>Details of Comparative Trial</b>	
<b>Location</b>	Roseworthy, South Australia
<b>Descriptor</b>	UPOV Wheat TG/3/12
<b>Period</b>	2018
<b>Conditions</b>	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (20 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2018 and 90kg MAP + 2.5% zinc fertiliser was applied with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 10th July with LVE Agritone (620mls/ha), Lontrel Advance (50 ml/ha), Axial (300ml/ha), Ally (5g/ha), Adigor (500mls/100L) to control weeds. On the 30th of July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 20th of August with Opera (500 ml/ha) + BS1000 (100 ml/100L). The season finished early with limited spring rainfall. The trial was harvested on 10th December 2018
<b>Trial Design</b>	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
<b>Measurements</b>	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using R software.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<b>Controlled pollination:</b> A back-cross was completed between the two parents 'EGAWedgetail' and 'Beaufort' in 2009 resulting in the population coded V09150 with pedigree (EGAWEDGETAIL/Beaufort//EGAWEDGETAIL). The F1 seed of this cross was grown in a glasshouse over summer 2009-2010 at Horsham, Victoria. F1 plants were selected with DNA	

markers for a stripe rust resistance gene(Yr4) and height reduction gene (Rht2). The F2 population was grown in winter 2010 at Cobbitty (NSW) with selection for rust resistance, plant height and plant type. The F3 population was grown over winter in 2011 at Horsham (Vic) and heads were selected from elite individuals (based on plant type, maturity and stripe rust resistance). The name V09150-01 was given to one elite individual head selection. In 2012 the F4 seed were sown as individual single plots at Horsham (Vic). In 2013 these lines entered AGT's agronomic, disease and quality testing network across; South Australia, Victoria, and New South Wales. In 2016 V09150-01 entered the National Variety Trials (NVT) in South Australia, Victoria and New South Wales. In 2017 V09150-01 entered the National Variety Trials (NVT) across; Victoria and New South Wales. Seed purification began in 2015 and this seed was used for trials in 2017 and as the source for commercial seed multiplication. Breeders - Dr Russell Eastwood and Dr Britt Kalmeier - Australian Grain Technologies, Roseworthy, SA 5371

**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
Seasonal	type	winter
Grain	colour	white
Ear	colour	white
Plant	growth habit	semi prostrate
Flag Leaf	anthocyanin colouration of auricles	absent to weak
Ear	awn & scurs	awns present
Ear	shape in profile	tapering
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Kittyhawk'		
'Wylah'		

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Lincoln'	Plant	Seasonal type	Winter	Spring	
'Beaufort'	Plant	Seasonal type	Winter	Spring	
'Longsword'	Plant	Growth habit	Semi prostrate	Erect to semi erect	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>'Illabo'</b>	<b>'Kittyhawk'</b>	<b>'Wylah'</b>
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> *Plant: growth habit	semi prostrate	semi prostrate	intermediate to semi prostrate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	very low to low	very low to low
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	very weak to weak	weak to medium	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	very weak to weak	weak to medium	very weak to weak
<input type="checkbox"/> Culm: glaucosity of neck	very weak to weak	weak to medium	very weak to weak
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thin	thin
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	medium	medium	short to medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	very small to small	absent or very small	small
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	very narrow to narrow	narrow to medium
<input type="checkbox"/> Lower glume: shoulder shape	horizontal	horizontal	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	short to medium	short to medium	long
<input type="checkbox"/> *Lower glume: shape of beak	slightly curved	slightly curved	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	winter type	winter type	winter type

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'Illabo'</b>	<b>'Kittyhawk'</b>	<b>'Wylah'</b>
<input type="checkbox"/> Flag leaf: Length (mm)			
Mean	177.20	201.55	172.50
Std. Deviation	7.20	4.73	19.90
Lsd/sig	28.47	ns	ns
<input checked="" type="checkbox"/> Ear: Length (mm)			
Mean	86.57	95.50	82.20
Std. Deviation	1.44	3.70	0.56
Lsd/sig	7.61	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: Height (cm)			
Mean	63.67	71.15	70.00
Std. Deviation	1.08	3.88	3.39
Lsd/sig	5.75	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: Emergence (Julian Days)			
Mean	268.33	270.33	268.00
Std. Deviation	1.25	2.30	2.00
Lsd/sig	2.80	ns	ns

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Roseworthy, SA 5371

<b>Details of Application</b>	
<b>Application Number</b>	2018/188
<b>Variety Name</b>	'DS Bennett'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	18 Feb 2019
<b>Applicant</b>	Agrigenetics, Inc.; Indianapolis, USA
<b>Agent</b>	Dow AgroSciences Australia Limited, Frenchs Forrest, NSW
<b>Qualified Person</b>	Ross Downes
<b>Details of Comparative Trial</b>	
<b>Location</b>	Greenethorpe, via Young, NSW
<b>Descriptor</b>	UPOV Wheat TG/3/12
<b>Period</b>	winter-spring 2018, sown 21 May18
<b>Conditions</b>	dryland, drought
<b>Trial Design</b>	randomised block. Two replications. More than a thousand plants
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guideline
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
Controlled cross pollination between 'Drysdale' and F1 K89.67/TC14.2 at CSIRO Canberra. F1 seed was selected to ensure homozygous for Bdv2 and VPM genetic markers. F1 seed was selfed to produce F2 seed which was field sown to select on ideotype. Selfed seed from selections was retained, bulked and the process was repeated in the F3 and F4 generations. F5 seeds were planted and a single spike selected for white grain colour and repeated in the F6. Selected F7 seed was sown at Yanco in 2011 for single plant selection. Breeder: Advantage Wheats Pty Ltd (formerly HRZ Wheats Pty Ltd), Frenchs Forrest, NSW 2086	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Ear	awns or scurs	scurs present
Ear	shape in profile	parallel sided
Ear	colour	white
Seasonal	type	winter
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'SQP Revenue'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'EGA Wedgetail'	Awns or scurs	presence	awns	Scurs	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>		
<b>Organ/Plant Part: Context</b>	<b>'DS Bennett'</b>	<b>'SQP Revenue'</b>
<input type="checkbox"/> *Plant: growth habit	semi-prostrate to prostrate	semi-prostrate to prostrate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> *Time of: ear emergence	late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	strong
<input type="checkbox"/> *Ear: glaucosity	very weak to weak	strong
<input type="checkbox"/> Culm: glaucosity of neck	very weak to weak	strong
<input checked="" type="checkbox"/> *Plant: length	medium to long	medium
<input type="checkbox"/> *Straw: pith in cross section	very thin	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	lax to medium	medium
<input type="checkbox"/> *Ear: colour	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight	slightly sloping
<input type="checkbox"/> Lower glume: beak length	short to medium	short to medium
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	straight to slightly curved
<input type="checkbox"/> Lower glume: extent of internal hair	very weak	very weak
<input checked="" type="checkbox"/> *Grain: colour	white	red
<input type="checkbox"/> *Seasonal type:	winter type	winter type

<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'DS Bennett'</b>	<b>'SQP Revenue'</b>
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	84.40	76.60
Std. Deviation	2.10	1.30
Lsd/sig	6.9	P≤0.01

**Prior Applications and Sales:**

No prior sale and applications.

Description: **Ross Downes**, Moruya, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2018/189
<b>Variety Name</b>	'DS Tull'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	18 Feb 2019
<b>Applicant</b>	Agrigenetics, Inc., Indianapolis, USA
<b>Agent</b>	Dow AgroSciences Australia Limited, Frenchs Forrest, NSW 2086
<b>Qualified Person</b>	Ross Downes
<b>Details of Comparative Trial</b>	
<b>Location</b>	Greenethorpe, via Young, NSW
<b>Descriptor</b>	UPOV Wheat TG/3/12
<b>Period</b>	winter-spring 2018
<b>Conditions</b>	dryland, drought
<b>Trial Design</b>	randomised block, two replications each with more than a thousand plants in unirrigated open field condition.
<b>Measurements</b>	Measurements were taken in the metric system following UPOV guideline
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination between parents CFR01-61 and EGA Wedgetail was undertaken at Lincoln NZ. F1 plants were selfed and the seed was sown in the field to allow selection for plant ideotype. Selfed seed produced from selected plants was bulked and the process was repeated in the F3 and F4 generations. F5 seed was planted and a single spike was selected with F6 grain imported into quarantine at CSIRO Canberra in 2008. The line was grown at CSIRO Canberra and evaluated for uniformity, disease tolerance, plant height and maturity. Seed was increased in 2010. Field testing for grain yield and quality continued until 2016. Breeder: Breeder: Advantage Wheats Pty Ltd (formerly HRZ Wheats Pty Ltd).	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Season	type	spring type
Ears	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	parallel sided
Seed	colour	white
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Spitfire'		

'Sunco'	
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<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'EGA Wedgetail'	Season	type	winter	spring	

<b>Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.</b>			
<b>Organ/Plant Part: Context</b>	<b>'DS Tull'</b>	<b>'Spitfire'</b>	<b>'Sunco'</b>
<input type="checkbox"/> Seed: colour	white	white	white
<input type="checkbox"/> *Plant: growth habit	intermediate	intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early to medium	early	early
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	strong	absent or very weak	absent or very weak
<input type="checkbox"/> *Ear: glaucosity	medium to strong	absent or very weak	absent or very weak
<input type="checkbox"/> Culm: glaucosity of neck	medium	absent or very weak	absent or very weak
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input type="checkbox"/> *Plant: length	medium to long	medium to long	medium to long
<input type="checkbox"/> *Straw: pith in cross section	thin	medium	medium
<input type="checkbox"/> *Ear: density	medium to dense	lax to medium	medium
<input checked="" type="checkbox"/> Ear: length	medium	medium	short to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	medium	long	medium to long
<input type="checkbox"/> *Ear: colour	white	white	white

<input type="checkbox"/> Ear: shape in profile	tapering	tapering	tapering
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	absent or very small	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	narrow	broad
<input checked="" type="checkbox"/> Lower glume: shoulder shape	strongly sloping	strongly sloping	slightly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	long	medium to long	medium to long
<input checked="" type="checkbox"/> *Lower glume: shape of beak	slightly curved	slightly curved	straight
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'DS Tull'</b>	<b>'Spitfire'</b>	<b>'Sunco'</b>
<input type="checkbox"/> Ear: length			
Mean	267.00	275.70	274.70
Std. Deviation	0.58	1.15	0.58
Lsd/sig	3.11	P≤0.01	P≤0.01

**Prior Applications and Sales:**

No prior applications and sale.

Description: **Ross Downes, Moruya, NSW**

<b>Details of Application</b>	
<b>Application Number</b>	2018/006
<b>Variety Name</b>	'Razor CL Plus'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	21 Feb 2018
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA 5064, Australia
<b>Agent</b>	
<b>Qualified Person</b>	Andrew Cecil
<b>Details of Comparative Trial</b>	
<b>Location</b>	Roseworthy South Australia
<b>Descriptor</b>	TG/3/12
<b>Period</b>	2018
<b>Conditions</b>	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In the previous year the trial area carried a Lentil crop which was harvested for grain. Pre-seeding herbicides Sakura (118g/ha), Roundup Ultra (1.5 l/ha), Sharpen (20 g/ha), Avadex (2.0 l/ha) and Hasten (1l/100l) together with an insecticide Lemat (120 ml/ha) were applied prior to seeding. The trial was sown on 14th May 2018 and 90kg MAP + 2.5% zinc fertiliser was applied with the seed. The season was generally favourable for growth of the crop and of weeds and disease. The trial was sprayed post emergence on 10th July with LVE Agritone (620mls/ha), Lontrel Advance (50 ml/ha), Axial (300ml/ha), Ally (5g/ha), Adigor (500mls/100L) to control weeds. On the 30th of July 20 units of liquid N fertiliser was applied. The trial was sprayed to control fungal pathogens on 20th of August with Opera (500 ml/ha) + BS1000 (100 ml/100L). The season finished early with limited spring rainfall. The trial was harvested on 10th December 2018
<b>Trial Design</b>	Randomised block design of 3 blocks and 32 entries consisting of comparators and potential candidates. Sown in 24 ranges of 4 plots wide, block 1 being in ranges 1 to 8 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
<b>Measurements</b>	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using R software.
<b>RHS Chart - edition</b>	N/A

<b>Origin and Breeding</b>
Controlled pollination: A backcross was completed between the two parents Mace and RAC1684 in 2009 resulting in the population coded CO9215 with pedigree (RAC1684/2*MACE). The F1 plants were grown during summer 2009/2010 in the glass house at Roseworthy (SA) and screened with molecular markers for the Imidazolinone tolerance genes. In 2010 the F2 heads were individually sown as head hill plots and treated with imidazolinone herbicide, eight elite individuals were identified (based on tolerance to the Imidazolinone herbicide and rust resistance). In 2011 and 2012 these lines were evaluated in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria and New South Wales. In 2012 45 individual plant selections were taken from the elite line CO9215-001 treated with imidazolinone herbicide and evaluated in AGT's agronomic, disease and quality testing network across; Western Australia, South Australia, Victoria and New South Wales. In 2015 the elite line CO9215-001-28 was identified. In 2016, CO9215-001-28 entered the National Variety Trials (NVT) across; Western Australia, South Australia, Victoria and New South Wales. Seed purification began in 2015 and this seed was used for trials in 2017 and as the source for commercial seed multiplication. Breeders: Dr James Edwards and Dr Haydn Kuchel, Australian Grain Technologies.

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high
Plant	tolerance to imidazolinone herbicide @1500 ml per hectare	high to very high
Plant	growth habit	erect to semi erect
Plant	frequency of recurved leaves	low to medium
Flag Leaf	anthocyanin colouration of auricles	absent to weak
Ear	colour	white
Grain	colour	white
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Grenade CL Plus'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Clearfield WHT JNZ'	Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high	Medium to high	
'Clearfield WHT JNZ'	Plant	tolerance to imidazolinone herbicide @ 1500 ml per hectare	high to very high	low	
'Clearfield WHT STL'	Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high	Medium to high	
'Clearfield WHT STL'	Plant	tolerance to imidazolinone herbicide @ 1500 ml per hectare	high to very high	low	
'Justica CL Plus'	Lower Glume	Shoulder width	Medium	narrow	
'Justica CL Plus'	Flag leaf	Glaucosity of sheath	Medium	strong	
'Justica CL Plus'	Ear	Glaucosity	Medium	strong	
'Kord CL Plus'	Flag leaf	Glaucosity of sheath	Medium	Strong to very Strong	
'Kord CL Plus'	Ear	Glaucosity	Medium	Strong to very Strong	
'Kord CL Plus'	Culm	Glaucosity of neck	Medium	Strong to very Strong	
'Hatchet CL Plus'	Lower Glume	Beak length	Medium	Long to Very long	
'Elmore CL Plus'	Flag leaf	Glaucosity of sheath	Medium	Very strong	
'Elmore CL Plus'	Ear	Glaucosity	Medium	Strong to very	

'Plus'				Strong	
'Impress CL Plus'	Ear	Glaucosity	Medium	Medium to Strong	
'Impress CL Plus'	Flag leaf	Glaucosity of sheath	Medium	strong	
'Chief CL Plus'	Straw	Pith in Cross section	Thin	Thick	
'Chief CL Plus'	Ear	Length of awns	Short to Medium	Long	
'Chief CL Plus'	Glume	Beak length	Medium	Long to Very long	

**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	'Razor CL Plus'	'Grenade CL Plus'
<input type="checkbox"/> Seed: colour	white	white
<input type="checkbox"/> *Plant: growth habit	erect to semi erect	erect to semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	weak to medium
<input type="checkbox"/> *Ear: glaucosity	medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	medium	weak to medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	thin	medium
<input type="checkbox"/> *Ear: density	medium	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present
<input type="checkbox"/> *Ear: length of scurs or awns	short to medium	medium
<input type="checkbox"/> *Ear: colour	white	white
<input type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided
<input type="checkbox"/> Apical rachis segment: area of hairiness on convex surface	absent or very small	small
<input type="checkbox"/> Lower glume: shoulder width	medium	narrow to medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	horizontal
<input type="checkbox"/> Lower glume: length of beak	medium	medium
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight

<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type

<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'Razor CL Plus'</b>	<b>'Grenade CL Plus'</b>
<input type="checkbox"/> Flag leaf: Length (mm)		
Mean	146.60	148.90
Std. Deviation	3.95	1.97
Lsd/sig	28.47	ns
<input type="checkbox"/> Plant: Height (cm)		
Mean	74.80	80.30
Std. Deviation	0.75	2.40
Lsd/sig	5.75	ns
<input type="checkbox"/> Ear: Length (mm)		
Mean	89.70	87.75
Std. Deviation	0.75	4.60
Lsd/sig	7.61	ns

### **Prior Applications and Sales:**

No prior sale and applications.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Glen Osmond, SA 5064, Australia

**Grants:**

*Aloe hybrid*

ALOE

**‘ANDora’<sup>ϕ</sup> syn AL01<sup>ϕ</sup>**

Application No: 2017/327

Applicant: **Charles Andrew de Wet**

Certificate No: 6046 Expiry Date: 12/03/2039.

Agent: **Ozbreed Pty Ltd**, Claredon, NSW.

*Aloe hybrid*

ALOE

**‘Safari Rose’<sup>ϕ</sup> syn Al04<sup>ϕ</sup>**

Application No: 2017/328

Applicant: **Charles Andrew de Wet**

Certificate No: 6047 Expiry Date: 12/03/2039.

Agent: **Ozbreed Pty Ltd**, Claredon, NSW.

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Sophie’<sup>ϕ</sup>**

Application No: 2009/265

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 5978 Expiry Date: 17/01/2039.

Agent: **Crop & Nursery Services**, Macmasters Beach, NSW.

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zapriclair’<sup>ϕ</sup>**

Application No: 2014/171

Applicant: **Van Zanten Plants B. V.**

Certificate No: 5987 Expiry Date: 17/01/2039.

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

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zaprikate’**<sup>ϕ</sup>

Application No: 2012/283

Applicant: **Van Zanten Plants B. V.**

Certificate No: 5980 Expiry Date: 17/01/2039.

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

*Argyranthemum hybrid*

MARGUERITE DAISY

**‘Bonmadrosepi’**<sup>ϕ</sup>

Application No: 2013/232

Applicant: **Bonza Botanicals Pty Limited**

Certificate No: 5990 Expiry Date: 23/01/2039.

Agent: **Oasis Horticulture Pty Limited**, Winnmalee, NSW.

*Avena sativa*

OATS

**‘Graza 53’**<sup>ϕ</sup>

Application No: 2014/204

Applicant: **Agriculture and Agri-Food Canada**

Certificate No: 6071 Expiry Date: 26/03/2039.

Agent: **Austgrains Pty Ltd**, Moree, NSW.

*Avena sativa*

OATS

**‘Graza 85’**<sup>ϕ</sup>

Application No: 2014/110

Applicant: **Her Majesty The Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food**

Certificate No: 6070 Expiry Date: 26/03/2039.

Agent: **Austgrains Pty Ltd**, Moree, NSW.

*Brassica napus*

CANOLA

**‘ATR Bonito’<sup>ϕ</sup>**

Application No: 2012/237

Applicant: **Nuseed Pty. Ltd.**

Certificate No: 5996 Expiry Date: 31/01/2039.

*Brassica napus*

CANOLA

**‘ATR Mako’<sup>ϕ</sup>**

Application No: 2015/149

Applicant: **Nuseed Pty. Ltd.**

Certificate No: 6015 Expiry Date: 28/02/2039.

*Brassica napus*

CANOLA

**‘ATR Wahoo’<sup>ϕ</sup>**

Application No: 2012/238

Applicant: **Nuseed Pty. Ltd.**

Certificate No: 5997 Expiry Date: 31/01/2039.

*Brassica napus*

CANOLA

**‘ATR-GEM’<sup>ϕ</sup>**

Application No: 2011/195

Applicant: **Nuseed Pty. Ltd.**

Certificate No: 5995 Expiry Date: 31/01/2039.

*Brassica napus*

CANOLA

**‘ATR-STINGRAY’<sup>ϕ</sup>**

Application No: 2011/004

Applicant: **Nuseed Pty. Ltd.**

Certificate No: 5994 Expiry Date: 31/01/2039.

*Brassica rapa var rapa*

BULB TURNIP

**‘HT-BT35’**<sup>ϕ</sup>

Application No: 2015/225

Applicant: **Forage Innovations Limited**

Certificate No: 6072 Expiry Date: 26/03/2039.

Agent: **A J Park**, Sydney, NSW.

*Buddleja hybrid*

BUTTERFLY BUSH

**‘Blue Chip Jr’**<sup>ϕ</sup>

Application No: 2014/149

Applicant: **North Carolina State University**

Certificate No: 5982 Expiry Date: 21/01/2039.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Buddleja hybrid*

BUTTERFLY BUSH

**‘IceChip’**<sup>ϕ</sup>

Application No: 2014/148

Applicant: **North Carolina State University**

Certificate No: 5981 Expiry Date: 21/01/2039.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Buddleja hybrid*

BUTTERFLY BUSH

**‘Lilac Chip’**<sup>ϕ</sup>

Application No: 2014/151

Applicant: **North Carolina State University**

Certificate No: 5984 Expiry Date: 21/01/2039.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Buddleja hybrid*

BUTTERFLY BUSH

**‘Pink Micro Chip’**<sup>ϕ</sup>

Application No: 2014/150

Applicant: **North Carolina State University**  
Certificate No: 5983 Expiry Date: 21/01/2039.  
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Buddleja hybrid*

BUTTERFLY BUSH

**‘Purplehaze’**<sup>ϕ</sup>

Application No: 2014/152  
Applicant: **North Carolina State University**  
Certificate No: 5985 Expiry Date: 21/01/2039.  
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Calibrachoa hybrid*

CALIBRACHOA

**‘Suncalpink’**<sup>ϕ</sup>

Application No: 2013/218  
Applicant: **Suntory Flowers Pty Limited**  
Certificate No: 5998 Expiry Date: 31/01/2039.  
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

*Cannabis sativa*

INDUSTRIAL HEMP

**‘Farnsfield’**<sup>ϕ</sup>

Application No: 2015/278  
Applicant: **Agri Fibre Industries Pty. Ltd.**  
Certificate No: 6039 Expiry Date: 12/03/2039.

*Chenopodium quinoa*

QUINOA

**‘Medusa’**<sup>ϕ</sup>

Application No: 2015/141  
Applicant: **Australian Grown Superfoods Pty Ltd**  
Certificate No: 6057 Expiry Date: 15/03/2039.

*Citrus sinensis*

SWEET ORANGE, NAVEL ORANGE

**‘Cambria’<sup>ϕ</sup>**

Application No: 2005/032

Applicant: **Stargrow Cultivar Development Pty Ltd**

Certificate No: 6000 Expiry Date: 14/02/2044.

Agent: **Australian Nurserymen's Fruit Improvement Company Limited**, Kallangur, QLD.

*Coreopsis hybrid*

COREOPSIS

**‘Autumnblush’<sup>ϕ</sup>**

Application No: 2008/083

Applicant: **Terra Nova Nurseries, Inc**

Certificate No: 5966 Expiry Date: 16/01/2039.

Agent: **Greenhills Propagation Nursery P/L**, Tynong, VIC.

*Coreopsis hybrid*

COREOPSIS

**‘Pinwheel’<sup>ϕ</sup>**

Application No: 2008/103

Applicant: **Terra Nova Nurseries, Inc**

Certificate No: 5968 Expiry Date: 16/01/2039.

Agent: **Greenhills Propagation Nursery P/L**, Tynong, VIC.

*Coreopsis hybrid*

COREOPSIS

**‘Snowberry’<sup>ϕ</sup>**

Application No: 2008/085

Applicant: **Terra Nova Nurseries, Inc**

Certificate No: 5967 Expiry Date: 16/01/2039.

Agent: **Greenhills Propagation Nursery P/L**, Tynong, VIC.

*Cotyledon orbiculata*

**‘Ace of Spades’<sup>ϕ</sup>**

Application No: 2017/171

Applicant: **Morgan Oates & Brown Pty Ltd**

Certificate No: 5999 Expiry Date: 12/02/2039.

*Echeveria gibbiflora*

**‘Blade Runner’<sup>ϕ</sup>**

Application No: 2017/172

Applicant: **Morgan Oates & Brown Pty Ltd**

Certificate No: 5974 Expiry Date: 15/01/2039.

*Euonymus japonicus*

SPINDLE BUSH

**‘Easy Hedge’<sup>ϕ</sup>**

Application No: 2004/263

Applicant: **Jasalis Pty Ltd**

Certificate No: 5976 Expiry Date: 18/01/2039.

*Festuca arundinacea*

TALL FESCUE

**‘Easton’<sup>ϕ</sup>**

Application No: 2013/197

Applicant: **Grasslands Innovation Limited**

Certificate No: 6016 Expiry Date: 1/03/2039.

*Festuca arundinacea*

TALL FESCUE

**‘Hummer’<sup>ϕ</sup>**

Application No: 2012/084

Applicant: **Grasslands Innovation Ltd.**

Certificate No: 5965 Expiry Date: 4/01/2039.

*Fragaria xananassa*

STRAWBERRY

**‘Camino Real’<sup>ϕ</sup>**

Application No: 2003/225

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

Certificate No: 5975 Expiry Date: 18/01/2039.

Agent: **Les Mitchell of Eurofins Agrosience Services**, Shepparton, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘MYAG-2AD’<sup>ϕ</sup> syn Seiichi<sup>ϕ</sup>**

Application No: 2017/193

Applicant: **Miyoshi & Co., Ltd.**

Certificate No: 6064 Expiry Date: 18/03/2039.

Agent: **Berry Sensation Pty Ltd**, Notting Hill, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘Ventana’<sup>ϕ</sup>**

Application No: 2003/226

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

Certificate No: 6085 Expiry Date: 18/01/2039.

Agent: **Les Mitchell of Eurofins Agrosience Services**, Shepparton, VIC.

*Fuchsia x hybrida*

HYBRID FUCHSIA

**‘Sanifhodepa’<sup>ϕ</sup>**

Application No: 2013/253

Applicant: **Suntory Flowers Pty Limited, The Local Government of Nishinomiya City**

Certificate No: 5991 Expiry Date: 23/01/2039.

Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

*Hebe hybrid*

HEBE

**‘Lemon Frosting’<sup>ϕ</sup>**

Application No: 2014/157

Applicant: **Lyndale Intellectual Property Ltd**

Certificate No: 5986 Expiry Date: 21/01/2039.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Hibiscus rosa-sinensis*

CHINESE HIBISCUS

**‘Apollo’<sup>ϕ</sup>**

Application No: 2013/038

Applicant: **Poul Graff**  
Certificate No: 6017 Expiry Date: 4/03/2039.  
Agent: **Sprint Horticulture**, Erina, NSW.

*Hibiscus rosa-sinensis*

CHINESE HIBISCUS

**'Lalunacus'**<sup>ϕ</sup> **syn Laluna**<sup>ϕ</sup>

Application No: 2013/043  
Applicant: **Poul Graff**  
Certificate No: 6018 Expiry Date: 4/03/2039.  
Agent: **Sprint Horticulture**, Erina, NSW.

*Hymenosporum flavum*

NATIVE FRANGIPANI

**'HF001'**<sup>ϕ</sup>

Application No: 2011/094  
Applicant: **Peter Goldup**  
Certificate No: 6038 Expiry Date: 12/03/2039.  
Agent: **Bushland Flora**, Mt Evelyn, VIC.

*Ipomoea batatas*

ORNAMENTAL SWEET POTATO

**'SPFR1'**<sup>ϕ</sup>

Application No: 2017/330  
Applicant: **The New Zealand Institute for Plant and Food Research Limited**  
Certificate No: 6021 Expiry Date: 6/03/2039.  
Agent: **A J Park**, Sydney, NSW.

*Kunzea baxteri*

SCARLET KUNZEA

**'KBMS1'**<sup>ϕ</sup>

Application No: 2010/262  
Applicant: **Michael Edwards**  
Certificate No: 5971 Expiry Date: 16/01/2039.  
Agent: **Greenhill's Propagation Nursery Pty Ltd**, , VIC.

*Lactuca sativa*

LETTUCE

**‘Chicarita’<sup>Φ</sup>**

Application No: 2015/335

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

Certificate No: 6066 Expiry Date: 22/03/2039.

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

*Lactuca sativa*

LETTUCE

**‘Juniper’<sup>Φ</sup>**

Application No: 2016/023

Applicant: **Nunhems B.V.**

Certificate No: 6010 Expiry Date: 21/02/2039.

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

*Lactuca sativa*

LETTUCE

**‘Lotus’<sup>Φ</sup>**

Application No: 2016/077

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

Certificate No: 6065 Expiry Date: 21/03/2039.

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

*Lactuca sativa*

LETTUCE

**‘Ralph’<sup>Φ</sup>**

Application No: 2012/270

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

Certificate No: 6062 Expiry Date: 19/03/2039.

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

*Leucanthemum xsuperbum*

SHASTA DAISY

**‘GFLEUWHMTN’<sup>Φ</sup> syn White Mountain<sup>Φ</sup>**

Application No: 2012/228

Applicant: **NuFlora International Pty Ltd**  
Certificate No: 5972 Expiry Date: 15/01/2039.

*Lilium hybrid*

LILY

**'Zambesi'**<sup>Φ</sup>

Application No: 2013/092  
Applicant: **Mak Breeding Rights B.V.**  
Certificate No: 6063 Expiry Date: 19/03/2039.  
Agent: **AJ Park**, Sydney, NSW.

*Lolium multiflorum*

ITALIAN RYEGRASS

**'Tabu 2'**<sup>Φ</sup> **syn Tempo**<sup>Φ</sup>

Application No: 2015/250  
Applicant: **New Zealand Agriseeds Ltd**  
Certificate No: 6011 Expiry Date: 22/02/2039.  
Agent: **Heritage Seeds Pty Ltd.**, Howlong, NSW.

*Lolium perenne*

PERENNIAL RYEGRASS

**'Viscount'**<sup>Φ</sup>

Application No: 2016/003  
Applicant: **New Zealand Agriseeds Limited**  
Certificate No: 6012 Expiry Date: 22/02/2039.  
Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**'JB1glow'**<sup>Φ</sup>

Application No: 2006/269  
Applicant: **James Burgess**  
Certificate No: 5977 Expiry Date: 18/01/2039.  
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**‘JB2lime’<sup>ϕ</sup> syn Lime Jet<sup>ϕ</sup>**

Application No: 2011/113

Applicant: **James Burgess**

Certificate No: 5993 Expiry Date: 30/01/2039.

Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

*Magnolia hybrid*

MAGNOLIA, MICHELIA

**‘Parcind’<sup>ϕ</sup>**

Application No: 2014/229

Applicant: **The Paradise Seed Company Pty. Limited**

Certificate No: 6019 Expiry Date: 5/03/2039.

*Malus domestica*

APPLE

**‘Leprechaun’<sup>ϕ</sup> syn Weefolk Granny Smith<sup>ϕ</sup>**

Application No: 2010/138

Applicant: **JFT Nurseries Pty Ltd**

Certificate No: 5970 Expiry Date: 16/01/2044.

Agent: **Australian Nurseryman's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

*Malus domestica*

APPLE

**‘PE’<sup>ϕ</sup>**

Application No: 2016/189

Applicant: **Fruit Varieties International Pty Ltd**

Certificate No: 6032 Expiry Date: 8/03/2044.

*Malus domestica*

APPLE

**‘RDS’<sup>ϕ</sup> syn RSD<sup>ϕ</sup>**

Application No: 2017/313

Applicant: **Green and Red Apple Pty Ltd**

Certificate No: 6045 Expiry Date: 12/03/2044.

Agent: **Fruit Varieties International Pty Ltd**, Grove, TAS.

*Malus domestica*

APPLE

**‘YCP’<sup>Φ</sup>**

Application No: 2016/190

Applicant: **Maurice Silverstein, Bo Silverstein, Catherine Frederique Silverstein**

Certificate No: 6043 Expiry Date: 12/03/2044.

Agent: **Fruit Varieties International Pty Ltd**, Grove, TAS.

*Mangifera indica*

MANGO

**‘AGAM’<sup>Φ</sup>**

Application No: 2015/127

Applicant: **The State of Israel Ministry of Agriculture & Rural Development Agricultural Research Organization**

Certificate No: 6082 Expiry Date: 29/03/2044.

Agent: **Perfection Fresh Australia Pty Ltd**, Homebush, NSW.

*Mangifera indica*

MANGO

**‘NOA’<sup>Φ</sup>**

Application No: 2015/124

Applicant: **The State of Israel Ministry of Agriculture & Rural Development Agricultural Research Organization**

Certificate No: 6081 Expiry Date: 29/03/2044.

Agent: **Perfection Fresh Australia Pty Ltd**, Homebush, NSW.

*Mangifera indica*

MANGO

**‘Shelly’<sup>Φ</sup>**

Application No: 2010/137

Applicant: **The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, (A.R.O.) The Volcani Center**

Certificate No: 6083 Expiry Date: 29/03/2044.

Agent: **Crop & Nursery Services**, Macmasters Beach, NSW.

*Murraya paniculata*

ORANGE JASMINE, ORANGE JESSAMINE, SATINWOOD

**‘Summer Snow’<sup>Φ</sup>**

Application No: 2009/336

Applicant: **Parker's Place Nursey Pty Ltd**

Certificate No: 5979 Expiry Date: 17/01/2039.

*Musa hybrid*

BANANA

**‘FLF-1’<sup>Φ</sup>**

Application No: 2016/277

Applicant: **David Peasley**

Certificate No: 6026 Expiry Date: 7/03/2039.

*Nerium oleander*

OLEANDER

**‘Sofia’<sup>Φ</sup>**

Application No: 2014/184

Applicant: **Pilar Jackson, Salvador Espelt Garriga**

Certificate No: 5988 Expiry Date: 21/01/2039.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Pennisetum clandestinum*

KIKUYU GRASS

**‘KH-946-f2’<sup>Φ</sup>**

Application No: 2017/001

Applicant: **Hatton Turf Research Pty Ltd**

Certificate No: 6035 Expiry Date: 8/03/2039.

*Pennisetum clandestinum*

KIKUYU GRASS

**‘MI965-60’<sup>Φ</sup>**

Application No: 2016/036

Applicant: **Hatton Turf Research Pty Ltd**

Certificate No: 6031 Expiry Date: 8/03/2039.

*Petunia hybrid*

PETUNIA

**‘Sunsurf Akatora’<sup>ϕ</sup>**

Application No: 2013/215

Applicant: **Suntory Flowers Pty Limited**

Certificate No: 5989 Expiry Date: 23/01/2039.

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

*Petunia x hybrida*

PETUNIA

**‘Keisurfhopises’<sup>ϕ</sup> syn Pink Ribbon<sup>ϕ</sup>**

Application No: 2014/040

Applicant: **Kesei Rose Nurseries Incorporated**

Certificate No: 5992 Expiry Date: 23/01/2039.

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Pittosporum tenuifolium*

PITTOSPORUM, KOHUHU, TAWHIWHI

**‘WonderScreen’<sup>ϕ</sup>**

Application No: 2014/299

Applicant: **Justin Howse**

Certificate No: 5973 Expiry Date: 16/01/2044.

*Prunus persica var. nucipersica*

NECTARINE

**‘Spring Fire’<sup>ϕ</sup>**

Application No: 2013/111

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

Certificate No: 6022 Expiry Date: 6/03/2044.

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

*Prunus avium*

SWEET CHERRY

**‘13S2101’<sup>ϕ</sup>**

Application No: 2014/048

Applicant: **Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food**

Certificate No: 6009 Expiry Date: 19/02/2044.

Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

*Prunus avium*

SWEET CHERRY

**'Cadet'**<sup>Φ</sup>

Application No: 2005/110

Applicant: **Bertram Family Trust**

Certificate No: 6013 Expiry Date: 27/02/2044.

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

*Prunus avium*

SWEET CHERRY

**'SPC103'**<sup>Φ</sup>

Application No: 2014/047

Applicant: **Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food**

Certificate No: 6008 Expiry Date: 19/02/2044.

Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

*Prunus hybrid*

CHERRY

**'Gi 2091'**<sup>Φ</sup>

Application No: 2017/268

Applicant: **Consortium Deutscher Baumschulen GmbH**

Certificate No: 6002 Expiry Date: 14/02/2044.

Agent: **Allens Patent & Trade Mark Attorneys**, Sydney, NSW.

*Rhododendron hybrid*

AZALEA

**'Robleu'**<sup>Φ</sup>

Application No: 2015/349

Applicant: **Thomas Dennis Meadows, Jr.**

Certificate No: 6042 Expiry Date: 12/03/2039.

Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

*Rhododendron hybrid*

AZALEA

**‘Roblex’**<sup>Φ</sup>

Application No: 2015/344

Applicant: **Flint Jerome Johnson**

Certificate No: 6040 Expiry Date: 12/03/2039.

Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

*Rhododendron hybrid*

AZALEA

**‘Roblez’**<sup>Φ</sup>

Application No: 2015/346

Applicant: **Robert Edward Lee**

Certificate No: 6041 Expiry Date: 12/03/2039.

Agent: **Ozbreed Pty Ltd**, Clarendon,, NSW.

*Rosa hybrid*

ROSE

**‘Ausboxer’**<sup>Φ</sup>

Application No: 2014/078

Applicant: **David Austin Roses Limited**

Certificate No: 6051 Expiry Date: 14/03/2039.

Agent: **Siebler Publishing Services**, Hartwell, VIC.

*Rosa hybrid*

ROSE

**‘AUSIMPLE’**<sup>Φ</sup>

Application No: 2010/326

Applicant: **David Austin Roses Limited**

Certificate No: 6048 Expiry Date: 14/03/2039.

Agent: **Siebler Publishing Services**, Hartwell, VIC.

*Rosa hybrid*

ROSE

**‘AUSWINSTON’**<sup>Φ</sup>

Application No: 2017/073

Applicant: **David Austin Roses Limited**  
Certificate No: 6056 Expiry Date: 14/03/2039.  
Agent: **Siebler Publishing Services**, Hartwell, VIC.

*Rosa hybrid*

ROSE

**‘KORpauvio’**<sup>Φ</sup>

Application No: 2011/154  
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**  
Certificate No: 6049 Expiry Date: 14/03/2039.  
Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

*Rosa sp*

ROSE

**‘Auschris’**<sup>Φ</sup>

Application No: 2014/166  
Applicant: **David Austin Roses Limited**  
Certificate No: 6052 Expiry Date: 14/03/2039.  
Agent: **Siebler Publishing Services**, Hartwell, VIC.

*Rubus subgenus Eubatus*

HYBRIDBERRY

**‘Purple Star’**<sup>Φ</sup>

Application No: 2016/057  
Applicant: **The New Zealand Institute for Plant and Food Research Limited**  
Certificate No: 6025 Expiry Date: 7/03/2039.  
Agent: **AJ Park**, Sydney, NSW.

*Rubus subgenus Rubus*

HYBRID BLACKBERRY

**‘DrisBlackSix’**<sup>Φ</sup>

Application No: 2014/001  
Applicant: **Driscoll's, Inc.**  
Certificate No: 6050 Expiry Date: 14/03/2039.  
Agent: **AJPark**, Sydney, NSW.

*Saccharum hybrid*

SUGARCANE

**‘SRA11’**<sup>Φ</sup>

Application No: 2016/207

Applicant: **Sugar Research Australia Limited**

Certificate No: 6028 Expiry Date: 7/03/2039.

*Solanum tuberosum*

POTATO

**‘AB05-79-12’**<sup>Φ</sup>

Application No: 2016/273

Applicant: **Agriculture Victoria Services Pty Ltd**

Certificate No: 6029 Expiry Date: 7/03/2039.

*Solanum tuberosum*

POTATO

**‘AB07-01-03’**<sup>Φ</sup>

Application No: 2016/274

Applicant: **Agriculture Victoria Services Pty Ltd, Abel Agrico International**

Certificate No: 6030 Expiry Date: 7/03/2039.

*Solanum tuberosum*

POTATO

**‘Agrico-Ambition’**<sup>Φ</sup>

Application No: 2013/291

Applicant: **Agrico U.A.**

Certificate No: 6005 Expiry Date: 15/02/2039.

Agent: **Agrico Australia**, Ridgley, TAS.

*Solanum tuberosum*

POTATO

**‘Arizona’**<sup>Φ</sup>

Application No: 2013/292

Applicant: **Agrico U.A.**

Certificate No: 6006 Expiry Date: 15/02/2039.  
Agent: **Agrico Australia**, Ridgley, TAS.

*Solanum tuberosum*

POTATO

**‘Crimson Pearl’<sup>Φ</sup>**

Application No: 2016/201  
Applicant: **Agriculture Victoria Services Pty Ltd**  
Certificate No: 6023 Expiry Date: 6/03/2039.

*Solanum tuberosum*

POTATO

**‘Erika’<sup>Φ</sup>**

Application No: 2013/308  
Applicant: **Agrico U.A.**  
Certificate No: 6007 Expiry Date: 15/02/2039.  
Agent: **Agrico Australia**, Ridgley, TAS.

*Solanum tuberosum*

POTATO

**‘Fandango’<sup>Φ</sup>**

Application No: 2016/205  
Applicant: **IPM Potato Group Ltd**  
Certificate No: 6054 Expiry Date: 14/03/2039.  
Agent: **IPM Potato Group Ltd**, Littlehampton, SA.

*Solanum tuberosum*

POTATO

**‘Gatsby’<sup>Φ</sup>**

Application No: 2016/304  
Applicant: **Cygnets PB Ltd**  
Certificate No: 6033 Expiry Date: 8/03/2039.  
Agent: **Elders Limited**, Melbourne, VIC.

*Solanum tuberosum*

POTATO

**‘Gourmandine’**<sup>Φ</sup>

Application No: 2010/266

Applicant: **Bretagne-Plants S.C.I.C.A.**

Certificate No: 6003 Expiry Date: 14/02/2039.

Agent: **Agrico Australia**, Sydney, NSW.

*Solanum tuberosum*

POTATO

**‘LA STRADA’**<sup>Φ</sup>

Application No: 2016/307

Applicant: **Cygnat PB Ltd**

Certificate No: 6055 Expiry Date: 14/03/2039.

Agent: **Elders Limited**, Melbourne, VIC.

*Solanum tuberosum*

POTATO

**‘Midnight Pearl’**<sup>Φ</sup>

Application No: 2016/202

Applicant: **Agriculture Victoria Services Pty Ltd**

Certificate No: 6024 Expiry Date: 6/03/2039.

*Solanum tuberosum*

POTATO

**‘Mont Blanc’**<sup>Φ</sup>

Application No: 2016/035

Applicant: **Binst Breeding & Selection NV**

Certificate No: 6001 Expiry Date: 14/02/2039.

Agent: **Dowling Agritech**, Mt Gambier East, SA.

*Solanum tuberosum*

POTATO

**‘Purple Crisp’**<sup>Φ</sup>

Application No: 2016/203

Applicant: **Agriculture Victoria Services Pty Ltd**  
Certificate No: 6053 Expiry Date: 14/03/2039.

*Solanum tuberosum*

POTATO

**'Rudolph'**<sup>ϕ</sup>

Application No: 2013/289  
Applicant: **Agrico U.A.**  
Certificate No: 6004 Expiry Date: 15/02/2039.  
Agent: **Agrico Australia**, Ridgley, TAS.

*Solanum tuberosum*

POTATO

**'Vizelle'**<sup>ϕ</sup>

Application No: 2016/305  
Applicant: **Cygnets PB Ltd**  
Certificate No: 6034 Expiry Date: 8/03/2039.  
Agent: **Elders Limited**, Melbourne, VIC.

*Solanum tuberosum*

POTATO

**'Wizard'**<sup>ϕ</sup>

Application No: 2016/228  
Applicant: **James Hutton Institute**  
Certificate No: 6027 Expiry Date: 7/03/2039.  
Agent: **Cummaudo Farms Pty Ltd**, Mirboo North, VIC.

*Spinacia oleracea*

SPINACH

**'Hydrus'**<sup>ϕ</sup>

Application No: 2016/024  
Applicant: **Nunhems B.V.**  
Certificate No: 6067 Expiry Date: 22/03/2039.  
Agent: **Shelston IP**, Sydney, NSW.

## Assignment of Rights

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2016/186	Adenanthos	sericeus	LowadenGL	Wooly Bush	Lullfitz Investments Pty Ltd	David Lullfitz
2016/185	Guichenotia	macrantha	LowGuichGL	Large Flowered Guichenotia	Lullfitz Investments Pty Ltd	David Lullfitz
2016/184	RicinpenGL	tuberculatus	RicinpenGL	Wedding Bush	Lullfitz Investments Pty Ltd	David Lullfitz
2016/187	Westringia	dampieri	DamprostGL	Stiff Dampiera	Lullfitz Investments Pty Ltd	David Lullfitz
2005/048	Anigozanthos	hybrid	Gold Velvet	Kangaroo Paw	George A Lullfitz	David Lullfitz
2005/047	Anigozanthos	hybrid	Amber Velvet	Kangaroo Paw	George A Lullfitz	David Lullfitz
2006/012	Anigozanthos	hybrid	Regal Velvet	Kangaroo Paw	George A Lullfitz	David Lullfitz
2004/179	Adenanthos	cuneatus	Coral Carpet	Coastal Jugflower	George A Lullfitz	David Lullfitz
2007/250	Calothamnus	quadrifidus	Calgreen1GL	One sided bottlebrush	George A Lullfitz	David Lullfitz
2006/052	Calothamnus	quadrifidus	CalflatGL	One sided bottlebrush	George A Lullfitz	David Lullfitz
2006/049	Kennedia	coccinea	KencoralGL	Coral Vine	George A Lullfitz	David Lullfitz
2007/249	Melaleuca	huegelii	HuegflatGL	Chenille Honey myrtle	George A Lullfitz	David Lullfitz
2006/050	Melaleuca	nesophila	MelpenGL	Mindi yed	George A Lullfitz	David Lullfitz
2004/233	Melaleuca	entagona var. latifolia	Little Penta	Melaleuca	George A Lullfitz	David Lullfitz
1999/069	Olearia	axillaris	Little Smokie	Olearia	George A Lullfitz	David Lullfitz
2007/252	Ricinocarpos	tuberculatus	RicpenGL	Wedding Bush	George A Lullfitz	David Lullfitz
2005/158	Scaevola	crassifolia	Flat Fred	Thick-leaved Fan Flower	George A Lullfitz	David Lullfitz
2010/179	Acacia	spathulifolia	FlatspathGL	Thick-leaved Fan Flower	Lullfitz Investments Pty Ltd	David Lullfitz
2010/183	Aginis	flexuosa	LemLimeGL	Willow Myrtle	Lullfitz Investments Pty Ltd	David Lullfitz
2011/255	Billardiera	heterophylla	Blue Carpet	Bluebell Creeper	Lullfitz Investments Pty Ltd	David Lullfitz
2012/004	Callistemon	phoeniceus	Red Embers	Lesser Bottlebrush	Lullfitz Investments Pty Ltd	David Lullfitz
2011/187	Callistemon	phoeniceus	Scarlet Spires	Lesser Bottlebrush	Lullfitz Investments Pty Ltd	David Lullfitz
2010/194	Calothamnus	quadrifidus	CalpenGL	One sided bottlebrush	Lullfitz Investments Pty Ltd	David Lullfitz
2010/178	Chamelaucium	uncinatum	FlatwaxwhiteGL	Waxflower	Lullfitz Investments Pty Ltd	David Lullfitz
2010/177	Chamelaucium	uncinatum	FlatwaxpinkGL	Waxflower	Lullfitz Investments Pty Ltd	David Lullfitz
2010/176	Chamelaucium	uncinatum	FlatwaxDarkGL	Waxflower	Lullfitz Investments Pty Ltd	David Lullfitz
2012/006	Eremophila	glabra	Chamelaucium	Tar bush	Lullfitz Investments Pty Ltd	David Lullfitz
2012/003	Grevillea	preissii	Green Seaspray	Spidernet Grevillea	Lullfitz Investments Pty Ltd	David Lullfitz
2014/267	Grevillea	stenomera	FlatstenoGL	Lace Net Grevillea	Lullfitz Investments Pty Ltd	David Lullfitz
2014/263	Olearia	axillaris	PencilGL	Olearia	Lullfitz Investments Pty Ltd	David Lullfitz
2016/259	Leptospermum	sericeum	SericlowGL	Silver Tea Tree	Lullfitz Investments Pty Ltd	David Lullfitz
2010/192	Leptospermum	sericeum	SericpenGL	SericpenGL	Lullfitz Investments Pty Ltd	David Lullfitz
2012/234	Leptospermum	sericeum	Littlelep	Silver Tea Tree	Lullfitz Investments Pty Ltd	David Lullfitz

2015/004	Macropidia	fuliginosa	BlackVelvet	Black Kangaroo Paw	Lullfitz Investments Pty Ltd	David Lullfitz
2011/258	Myoporum	insulare	Coastal Rambler	Boobialla	Lullfitz Investments Pty Ltd	David Lullfitz
2010/193	Myoporum	insulare	FlatinsulGL	Boobialla	Lullfitz Investments Pty Ltd	David Lullfitz
2013/055	Olearia	axillaris	Mini	Coastal Daisy bush	Lullfitz Investments Pty Ltd	David Lullfitz
2011/305	Ricinocarpos	cyanescens	Little Bride	Coastal Wedding Bush	Lullfitz Investments Pty Ltd	David Lullfitz
2015/277	Spyridium	globulosum	Green Globe	Basket Bush	Lullfitz Investments Pty Ltd	David Lullfitz
2014/264	Templetonia	retusa	FlatGL	Cockies Tongue	Lullfitz Investments Pty Ltd	David Lullfitz
2014/265	Westringia	dampieri	FlatdampGL	Stiff Westringia	Lullfitz Investments Pty Ltd	David Lullfitz

## Change/Nomination of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
2018/320	Fragaria	x ananassa	Plared 0822	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2014/030	Fragaria	x ananassa	Safari	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2018/318	Fragaria	x ananassa	Plared 0949	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2018/319	Fragaria	x ananassa	Plared 0955	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2010/116	Fragaria	x ananassa	Sabrina	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2007/225	Fragaria	x ananassa	Sabrosa	Spruson & Ferguson Pty Limited	Perfection Fresh Australia Pty Ltd
2000/261	Gazania	hybrid	Sugaja	Ramm Botanicals Pty Ltd	
2000/262	Gazania	hybrid	Sugamo	Ramm Botanicals Pty Ltd	
2008/215	Gazania	hybrid	Sunhara	Ramm Botanicals Pty Ltd	
2013/011	Vaccinium	corymbosum	DrisBlueFive	Phillips Ormonde & Fitzpatrick	AJ Park
2010/064	Secale	cereale	Vampire		Shelston IP
2015/337	xTritosecale		Cartwheel	The University of Sydney	Shelston IP
2010/241	Triticum	aestivum	Sunguard	Australian Grain Technologies	Shelston IP
2007/175	<i>Triticum</i>	aestivum	Merinda	Australian Grain Technologies	Shelston IP
2008/043	xTritosecale		Endeavour		Shelston IP
2008/044	xTritosecale		Tobruk		Shelston IP
2014/001	Rubus	subgenus Rubus	DrisBlackSix	Phillips Ormonde & Fitzpatrick	AJ Park

2003/034	Fragaria	x ananassa	SAN JUAN	Phillips Ormonde & Fitzpatrick	AJ Park
2003/035	Fragaria	x ananassa	EL CAPITAN	Phillips Ormonde & Fitzpatrick	AJ Park
2003/033	Fragaria	x ananassa	CAMARILLO	Phillips Ormonde & Fitzpatrick	AJ Park
2005/201	Fragaria	x ananassa	AGOURA	Phillips Ormonde & Fitzpatrick	AJ Park
2006/307	Rubus	hybrid	COWLES	Phillips Ormonde & Fitzpatrick	AJ Park
2003/338	Rubus	idaeus	MARAVILLA	Phillips Ormonde & Fitzpatrick	AJ Park
2003/339	Rubus	idaeus	CARDINAL	Phillips Ormonde & Fitzpatrick	AJ Park
2006/076	Fragaria	x ananassa	OSCEOLA	Phillips Ormonde & Fitzpatrick	AJ Park
2005/199	Fragaria	x ananassa	LANAI	Phillips Ormonde & Fitzpatrick	AJ Park
2006/071	Fragaria	x ananassa	ATLANTIS	Phillips Ormonde & Fitzpatrick	AJ Park
2006/073	Fragaria	x ananassa	DESTIN	Phillips Ormonde & Fitzpatrick	AJ Park
2006/072	Fragaria	x ananassa	EL DORADO	Phillips Ormonde & Fitzpatrick	AJ Park
2007/160	Fragaria	x ananassa	BONAIRE	Phillips Ormonde & Fitzpatrick	AJ Park
2006/074	Fragaria	x ananassa	OJAI	Phillips Ormonde & Fitzpatrick	AJ Park
2006/077	Fragaria	x ananassa	SAUSALITO	Phillips Ormonde & Fitzpatrick	AJ Park
2008/338	Rubus	idaeus	PACIFICA	Phillips Ormonde & Fitzpatrick	AJ Park
2008/339	Rubus	idaeus	SEVILLANA	Phillips Ormonde & Fitzpatrick	AJ Park
2007/155	Rubus	idaeus	ESTRELLA	Phillips Ormonde & Fitzpatrick	AJ Park

2008/279	Fragaria	x ananassa	DrisStrawOne	Phillips Ormonde & Fitzpatrick	AJ Park
2008/280	Fragaria	x ananassa	DrisStrawTwo	Phillips Ormonde & Fitzpatrick	AJ Park
2008/281	Fragaria	x ananassa	DrisStrawThree	Phillips Ormonde & Fitzpatrick	AJ Park
2008/317	Fragaria	x ananassa	DrisStrawFive	Phillips Ormonde & Fitzpatrick	AJ Park
2008/320	Rubus	idaeus	DrisRaspOne	Phillips Ormonde & Fitzpatrick	AJ Park
2008/318	Vaccinium	corymbosum	DrisBlueOne	Phillips Ormonde & Fitzpatrick	AJ Park
2008/319	Vaccinium	corymbosum	DrisBlueThree	Phillips Ormonde & Fitzpatrick	AJ Park
2008/321	Vaccinium	corymbosum	DrisBlueTwo	Phillips Ormonde & Fitzpatrick	AJ Park
2009/173	Fragaria	x ananassa	DrisStrawSix	Phillips Ormonde & Fitzpatrick	AJ Park
2009/274	Fragaria	x ananassa	DrisStrawEight	Phillips Ormonde & Fitzpatrick	AJ Park
2009/293	Fragaria	x ananassa	DrisStrawNine	Phillips Ormonde & Fitzpatrick	AJ Park
2009/294	Fragaria	x ananassa	DrisStrawTen	Phillips Ormonde & Fitzpatrick	AJ Park
2009/295	Fragaria	x ananassa	DrisStrawEleven	Phillips Ormonde & Fitzpatrick	AJ Park
2009/296	Fragaria	x ananassa	DrisStrawThirteen	Phillips Ormonde & Fitzpatrick	AJ Park
2010/067	Fragaria	x ananassa	DrisStrawTwelve	Phillips Ormonde & Fitzpatrick	AJ Park
2010/077	Fragaria	x ananassa	DrisStrawFourteen	Phillips Ormonde & Fitzpatrick	AJ Park
2010/078	Fragaria	x ananassa	DrisStrawFifteen	Phillips Ormonde & Fitzpatrick	AJ Park
2010/076	Rubus	idaeus	DrisRaspTwo	Phillips Ormonde & Fitzpatrick	AJ Park

2012/062	Fragaria	x ananassa	DrisStrawSixteen	Phillips Ormonde & Fitzpatrick	AJ Park
2010/184	Fragaria	x ananassa	DrisStrawSeventeen	Phillips Ormonde & Fitzpatrick	AJ Park
2010/307	Rubus	idaeus	DrisRaspFour	Phillips Ormonde & Fitzpatrick	AJ Park
2012/127	Rubus	idaeus	DrisRaspThree	Phillips Ormonde & Fitzpatrick	AJ Park
2011/214	Fragaria	x ananassa	DrisStrawTwentyOne	Phillips Ormonde & Fitzpatrick	AJ Park
2011/217	Fragaria	x ananassa	DrisStrawTwenty	Phillips Ormonde & Fitzpatrick	AJ Park
2011/272	Fragaria	x ananassa	DrisStrawTwentyThree	Phillips Ormonde & Fitzpatrick	AJ Park
2011/271	Fragaria	x ananassa	DrisStrawTwentyFour	Phillips Ormonde & Fitzpatrick	AJ Park
2011/275	Fragaria	x ananassa	DrisStrawTwentySeven	Phillips Ormonde & Fitzpatrick	AJ Park
2011/274	Fragaria	x ananassa	DrisStrawTwentySix	Phillips Ormonde & Fitzpatrick	AJ Park
2011/273	Fragaria	x ananassa	DrisStrawTwentyFive	Phillips Ormonde & Fitzpatrick	AJ Park
2012/162	Fragaria	x ananassa	DrisStrawTwentyEight	Phillips Ormonde & Fitzpatrick	AJ Park
2012/212	Fragaria	x ananassa	DrisStrawThirtyOne	Phillips Ormonde & Fitzpatrick	AJ Park
2013/007	Fragaria	x ananassa	DrisStrawThirtyTwo	Phillips Ormonde & Fitzpatrick	AJ Park
2012/273	Rubus	idaeus	DrisRaspFive	Phillips Ormonde & Fitzpatrick	AJ Park
2013/009	Rubus	idaeus	DrisRaspSeven	Phillips Ormonde & Fitzpatrick	AJ Park
2013/016	Vaccinium	corymbosum	DrisBlueSeven	Phillips Ormonde & Fitzpatrick	AJ Park
2012/274	Rubus	idaeus	DrisRaspSix	Phillips Ormonde & Fitzpatrick	AJ Park

2013/010	Vaccinium	corymbosum	DrisBlueSix	Phillips Ormonde & Fitzpatrick	AJ Park
2013/008	Vaccinium	corymbosum	DrisBlueFour	Phillips Ormonde & Fitzpatrick	AJ Park
2013/154	Fragaria	x ananassa	DrisStrawThirtyEight	Phillips Ormonde & Fitzpatrick	AJ Park
2013/180	Fragaria	x ananassa	DrisStrawThirtyNine	Phillips Ormonde & Fitzpatrick	AJ Park
2015/164	Annona	x atemoya	PinksBlush	Australian Nurserymens Fruit Improvement Company (ANFIC) Ltd	
2017/315	Vaccinium	hybrid	EB 9-8		Early Blue
2017/316	Vaccinium	hybrid	EB 12-3		Early Blue
2018/343	Cannabis	sativa	Earlina 8 fc	Hemp it NZ	Hemp it Australia PTY LTD

## Denomination Changed

<b>Application No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2017/314	Medicago	sativa	Lucerne	Heritage Endurance	PX2
2017/199	Medicago	sativa	Lucerne	Heritage 10	PX1
2017/197	Hordeum	vulgare	Barley	WI4896	LEABROOK
2019/020	Solanum	lycopersicum	Tomato	NUN 09248 TOF	SMARTKISHY

## Applications Withdrawn

The following varieties are no longer under PBR provisional protection

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Common Name</b>	<b>Variety</b>
2011/034	Syzygium	francisii	Giant Water Gum	DBK01
2005/092	Bougainvillea	hybrid	Bougainvillea	Summer
2018/098	Avena	sativa	Oats	Odyssey
2015/059	Glycine	max	Soybean	Jimbour
2015/060	Glycine	max	Soybean	Cochin
2015/035	Olearia	axillaris	Olearia	olaxlul6
2015/037	Olearia	axillaris	Olearia	olaxlul9
2015/036	Olearia	axillaris	Olearia	olaxlui4
2019/022	Anigozanthos	hybrid	Kangaroo Paw	Mini Sunrise
2014/044	Vitis	vinifera	Grape Vine	Sugraforty
2016/142	Solanum	tuberosum	tuberosum	Crop52
2008/104	Leptospermum	petersonii	Lemon-scented Tea Tree	Lemon Midget

## Transfer of Rights

<b>App. No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Variety</b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2006/127	Syzygium	australe	AATS	Lilly Pilly	John Crump	Jonathon Crump

**Grants Surrendered**

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
2008/322	Hordeum	vulgare	Macquarie		Barley
2010/239	Dianthus	x allwoodii	Bright Eyes		Pinks
2010/238	Dianthus	x allwoodii	Waterloo Sunset		Pinks
2009/023	Salvia	hybrid	Heatwave Glitter		Sage
2009/021	Salvia	hybrid	Heatwave Blast		Sage
2012/086	Rosa	hybrid	GRA61361M2		Rose
1996/126	Sutera	cordata	Blizzard	WHITE FALLS	Bacopa
2000/207	Sutera	cordata	Novasnow		Bacopa
2003/166	Alstroemeria	hybrid	Zalsamay	Mayfair	Peruvian Lily
2012/136	Pisum	sativum	PBA Hayman	Hayman	Field Pea

## Grants Expired

The following varieties are no longer under PBR protection:

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Common Name</b>	<b>Variety</b>
1993/036	Pyrus	communis	European Pear	SOPHIA'S PRIDE
1998/083	Rosa	hybrid	Rose	Ausmol
1998/081	Rosa	hybrid	Rose	Aussal
1997/337	Rosa	hybrid	Rose	BRILLIANT PINK ICEBERG
1997/201	Rosa	hybrid	Rose	KORANDERER
1996/232	<i>Gossypium</i>	hirsutum	Cotton	DELTAPEARL
1996/082	Rosa	hybrid	Rose	KORTANKEN

## Grants Revoked

The following varieties are no longer under PBR protection:

<b>App No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
1997/025	Lolium	perenne	MERIDIAN		Perennial Ryegrass
2011/128	Phormium	cookianum	Ivory Streak		New Zealand Mountain Flax

## Corrigenda

Barley

*Hordeum vulgare*

### **‘SakuraStar’**

Application Number: 2016/171

The claim of distinctness on “Ear: length” have been removed from the statistical table in the variety description in PVJ 30.2 as this measured characteristic does not satisfy the PBR stability criteria.

### **‘Insalgopur’**

Application No: 2015/236

&

### **‘Insalgosca’**

Application No: 2015/237

The photograph incorrectly published along with the description of the above varieties in PVJ 29.4. The correct photograph for ‘Insalgopur’ and ‘Insalgosca’ is as below:



Lettuce

*Lactuca sativa*

**‘Multired 98’**

Application Number: 2015/231

The Choice of Comparators table of the published description (PVJ Vol. 31.1 page-172) of this application should be read as follows:

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
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

Southern Highbush Blueberry

*Vaccinium* hybrid

**‘Ridley 4507’**

Application Number: 2017/101

The claim of distinctness on “Fruit cluster: density” have been removed from the variety description and distinctness table in the variety description in PVJ 31.2 as this characteristic does not satisfy the PBR distinctness criteria.

Wallflower

*Erysimum* hybrid

**‘Inerywipar’**

Application Number: 2015/187

The claims of distinctness on both “Leaf: petiole” and “Stigma: colour” characteristics have been removed from the characteristics additional to the descriptor/TG table in the variety description in PVJ 30.4 as these characteristics do not satisfy the PBR distinctness criteria.



## Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 32 Issue 1**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2- Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 3 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 4 - Addresses of UPOV and Member States](#)
- [Appendix 5 - Centralised Testing Centres](#)
- [Appendix 6 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 7 - Register of Plant Varieties](#)

## 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 link <https://www.ipaustralia.gov.au/tools-resources/qualified-persons-directory> is the directory of consultant QPs

**Appendix 3 Index of Accredited Non-Consultant Qualified Person**

<b>Last name</b>	<b>First name</b>
Andrews	Samantha
Baker	Grant
Bartley	Megan
Berryman	Pamela
Box	Amanda
Brindley	Tony
Brown	Emma
Brunt	Charlotte
Bunker	Kerry
Bunker	John
Cameron	Nick
Campbell	David
Cecil	Andrew
Chesher	Wayne
Clayton-Greene	Kevin
Clingeffer	Peter
Cogan	Noel
Connolly	Karen
Costin	Russell
Coventry	Stewart
Cowling	Wallace
Culvenor	Richard
Danzey	Jaimee
Davey	Timothy
De Barro	James
Dewar	Matthew
Dilag	Calixto
Downe	Graeme
Eyles	Gary
Fitzgibbon	John
Flattery-O'Brien	Jacinta
Fleming	Rebecca
Gaudion	Jenny
Gillies	Leanne
Graetz	Darren
Gray	John
Gunther	Tom
Hoppo	Suzanne
Howie	Jake
Humphries	Alan
Hussein	Shafiya
Jewell	Larry
Jiranek	Vladimir
Jobling	Philip Norman
Jupp	Noel
Kaehne	Ian
Katz	Mark

Kebblewhite	Tony
Lacey	Kevin
Leddin	Anthony
Lee	Jodie
Lee Chang	Kim
Lewis	Hartley
Lewthwaite	Stephen
Lonergan	Paul
Lowe	Russell
March	Timothy
Matic	Rade
Matthews	Michael
Mitchell	Steven
Moisander	Jennifer
Moody	David
Myors	Philip
Newman	Allen
Nichols	Phillip
O'Leary	Finbarr
Pandey	Babu
Parkes	Heidi
Paul	Jeff
Pearce	Bob
Peck	David
Pegg	Amelia
Pidgeon	Mark
Pike	Elise
Pike	David
Porter	Gavin
Pressler	Craig
Rankin	Grant
Rathey	Allan
Rayner	Kenneth
Real	Daniel
Roake	Jeremy
Russell	Dougal
Sanewski	Garth
Schreuders	Harry
Senior	Michael
Shoaib	Mirza
Smith	Chris
Smith	Leigh
Smith	Malcolm
Snell	Peter
Snelling	Cath
Song	Leonard
Sounness	Janine
Stewart	Anthony
Stiller	Warwick
Tabah	David

Thomas	Adam
Todd	Peter
Turpin	Susanna
Turner	Janice
Walker	Carol
Watson	David
Webb	Rachel
Wei	Xianming
Williams	Michelle
Wilson	Stephen
Winter	Bruce
Wirthensohn	Michelle
Wright	Graeme

## **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 available which adds flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$920. This is a saving of more than 40% over the normal fee of \$1610.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

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

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

### REQUESTS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

#### Conditions and Selection Criteria

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

##### Appropriate facilities

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

##### Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

trial the relevant UPOV protocols, technical guideline or national descriptor for the genus should be followed. Where necessary the establishment and conduct of the trial can be discussed with the PBR office.

### Industry support

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

### Long-term storage of genetic material

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

### Contract testing for 3rd Parties

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

### Relationship between CTC and 3rd Parties

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

### One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

### One CTC per genus

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

### Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Next review date
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/06/1997	1/08/2019
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> 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	<i>Camellia</i> , <i>Lavandula</i> , <i>Osmanthus</i> , <i>Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/1998	1/08/2019
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/1998	1/08/2019
Paradise Plants	Kulnura, NSW	<i>Limonium</i> ,	Field, glasshouse,	J. Robb	30/06/2000	1/08/2019

		<i>Raphiolepis</i> <i>Eriostemon</i> <i>Lonicera</i> , <i>Jasminum</i>	shadehouse, irrigation, tissue culture lab			
TurfAustralia†	Cleveland, QLD	<i>Cynodon</i> , <i>Zoysia</i> and other selected warm season- season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M. Roche	30/09/2000	1/08/2019
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P. Buchanan	31/12/2004	1/08/2019
Ramm Botanicals	Kangy Angy, NSW	<i>Anigozanthos</i>	Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas.	Megan Bartley	10/02/2012	1/08/2019
Solan Pty Ltd	Waikerie SA	<i>Solanum</i> <i>tuberosum</i>	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	<i>Desmanthus</i>	Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse.	D. Loch, M. Zorin	22/07/2014	1/08/2019
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	<i>Solanum</i> <i>tuberosum</i>	Access to tissue culture storage and minituber production facilities (VICSPA accredited), for storing and multiplying varieties in preparation for testing.	Stewart McKay, James Hills	7/4/2016	1/08/2019
G Crumpton & Sons & Co Pty Ltd	Crawford, QLD	<i>Duboisia</i>	Comprehensive growing facilities	D. Loch	13/12/2016	13/12/2019

GeneGro Pty Ltd	Birkdale, QLD	<i>Lablabpurpureus</i> <i>Zoysia</i> spp.	Irrigated field trial areas; laboratory and related equipment; access to dryers and heated glasshouse.	D. Loch, M. Zorin	13/12/2016	13/12/2019
Driscolls Australia Pty Ltd	Palmwoods, QLD	<i>Fragaria</i> spp., <i>Vaccinium</i> spp., <i>Rubus</i> spp.	Irrigated field trial areas, laboratory facilities, glasshouse	M. Zorin	13/12/2016	13/12/2019
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I. Paananen	28/02/2017	28/02/2020
GrapeCo Pty Ltd	South Merbein, VIC	<i>Vitis vinifera</i> (Table Grape only)	Drip irrigation. Cool rooms are being installed.	A. MacGregor	28/02/2017	28/02/2020
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I. Paananen	26/4/2017	26/4/2020
Australian Horticultural Services	Wonga Park, VIC	<i>Lavandula</i>	Indoor growing areas, Outdoor growing areas	M. Lunghusen	19/12/2018	19/12/2010
Chryscos Flowers	Skye, VIC	<i>Chrysanthemum</i>	Controlled environment glasshouse	C. Prescott	Chryscos Flowers	Skye, VIC

The following application(s) are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Haar's Nursery	Somerville, VIC	<i>Erysimum</i> , <i>Impatiens</i> ** <i>Nemesia</i>	Propagation greenhouses; indoor and outdoor growing areas	M. Lunghusen

\*\* = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

Comments (for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

Chief of PBR  
Plant Breeder's Rights Office  
IP Australia  
PO Box 200  
Woden, ACT 2606

Closing date for comment: 3 months from the date of this publication

## APPENDIX 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*

	<u>Botanical names</u>	<u>UPOV codes</u>
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*

	<u>Botanical names</u>	<u>UPOV codes</u>
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 Ajanía	CHRY S; 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 Agaricus blazei Agrocybe cylindracea Auricularia auricula Auricularia polytricha (Mont.) Sacc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leys:Fries) Karsten Grifola frondosa Hericiu m erinaceu m Hypsizig u s marmoreu s Hypsizig u s ulmariu s Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Kartern Mycoleptonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellu s serotinu s Pholiota adiposa Pholiota nameko Pleurotu s cornucopiae var. citrinooileatu s Pleurotu s cystidiosu s Pleurotu s cystidiosu s subsp. Abalonu s Pleurotu s eryngii Pleurotu s ostreatu s Pleurotu s pulmonariu s Polyporu s tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteu m Massee	AGARI_BIS AGARI_BLA AGROC_CYL AURIC_AUR AURIC_POL DICTP_IND FLAMM_VEL GANOD_LUC GRIFO_FRO HERIC_ERI HYP SI_MAR HYP SI_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCO_LAIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS_ABA PLEUR_ERY PLEUR_OST PLEUR_PUL POLYO_TUB SPARA_CRI 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/](http://pericles.ipaustralia.gov.au/pbr_db/)



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**IP Australia**

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