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[Home](#)

[Part 1 General Information](#)

[Part 2 Public Notices](#)

[Part 3 Appendices](#)

[Subscribe](#)



Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of *Plant Varieties Journal* (Vol. 31 Issue 4) are listed below:

- [Objections and revocations](#)
- [Report on Breeding Issues](#)
- [Use of Overseas Data](#)
- [PRISMA – A New Tool for Applying for Plant Breeder's Rights](#)
- [Requirement to Supply Comparative Varieties](#)
- [UPOV Developments](#)
- [Obligation under the International Convention for the Protection of New Varieties of Plants 1991 \(UPOV91\)](#)
- [IP Amendment Act 2018](#)

## 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

### **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 *24 November 2018*

A handwritten signature in black ink that reads 'Frances Roden'.

Frances Roden  
Registrar of Plant Breeder's Rights

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## Contents

1 Name.....	1
2 Commencement.....	1
3 Authority.....	1
4 Definitions.....	1
5 Approved means of paying a fee.....	1
6 Preferred means for paying a fee.....	2

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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 Bowes 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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## Contents

1 Name.....	1
2 Commencement.....	1
3 Authority.....	1
4 Definitions.....	1
5 Approved means of lodging or giving documents.....	2
6 Preferred means of lodging or giving documents.....	2

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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 72B 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) PRISMA; 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

I, Frances Roden, Registrar of Plant Breeder's Rights, under subsection 3(1) 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 1)" 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 1 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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Plant Breeder's Rights Act 1994 - Section 26

PART

1



# 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.comlaw.gov.au/series/c2004a03712](http://www.comlaw.gov.au/series/c2004a03712)).

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.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.

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

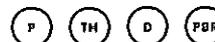
By completing this form, in addition you provide your consent to your personal information being handled in accordance with this privacy notice, including being disclosed as provided above.

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  
1



# 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.

Date:

Is this form intended to be attached as part of an eServices / B2B 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

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)

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  Go to 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 (if applicable) Address		
	State	Postcode
	Country (if not Australia)	

**Relationship of the breeder to the Applicant detailed in question 1**

Breeder is the applicant

Breeder is an employee or member of an organisation which is the applicant  ► Go to question 4

Breeder is not the applicant  ► How were the ownership rights transferred to the applicant?

By assignment

By will

By operation of law/other  ► Specify


Copy of the document attached?

No  ► Why not? 


Yes 


**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 germplasm 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/yyyy

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 FAO trust or material transfer agreements

Still available for inclusion in a comparative trial

- 18 **Prima facie case for breeding and prima facie 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 facie 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 facie 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 taxa a full DUS trial must be conducted in Australia: *Solanum tuberosum* (Potato).

The proposed DUS test will be:

- a comparative trial in Australia, including the candidate variety and the most similar varieties of common knowledge
- a verification trial in Australia, including the candidate variety only, grown to confirm the states of expression provided in an overseas DUS test report
- 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 [ipaaustralia.gov.au/pbr](http://ipaaustralia.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

dd/mm/yyyy

**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:**

I   
 (Please print name)

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



## Nomination of a Qualified Person

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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;
- 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.

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

#### Consent

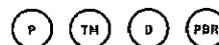
By completing this form, in addition you provide your consent to your personal information being handled in accordance with this privacy notice, including being disclosed as provided above.

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.



Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 26



## 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 checked="" type="checkbox"/>
Determine the most similar varieties of common knowledge and the need to include source or parental material in trial.	<input checked="" 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 checked="" 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 checked="" 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.

I

am an authorised signatory for the  applicant  agent Date:   
(DD/MM/YYYY)

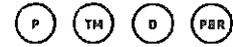
\*THE PENALTY UNDER SECTION 75(1) FOR MAKING A FALSE STATEMENT IN SUPPORT OF AN APPLICATION IS SIX MONTHS IMPRISONMENT.

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Plant Breeder's Rights Act 1994 - Section 26

## Supplementary Pages to the Part 1 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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IP Australia will not otherwise use or disclose your personal information without your consent, unless authorised or required by or under law.

#### Consent

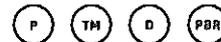
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Plant Breeder's Rights Act 1994 - Section 26

## Supplementary Pages to the Part 1 Application



### 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)

<input style="width: 98%;" type="text"/>	<input style="width: 98%;" type="text"/>	<input style="width: 98%;" type="text"/>
	State	Postcode
<input style="width: 98%;" type="text"/>		

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:

<input style="width: 98%;" type="text"/>
<input style="width: 98%;" type="text"/>
<input style="width: 98%;" type="text"/>

Employer: (if applicable)

Address (can be a PO Box)

<input style="width: 98%;" type="text"/>	<input style="width: 98%;" type="text"/>	<input style="width: 98%;" type="text"/>
	State	Postcode
<input style="width: 98%;" type="text"/>		

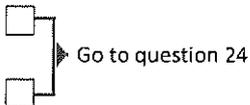
Country (if not Australia)

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

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



Breeder is not the applicant

How were the ownership rights transferred to the applicant?

By assignment

By will

By operation of law/other  Specify


Copy of the document attached?

Yes

No  Why Not?


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

I/We the

Applicant as outlined in question 1

Agent as outlined in question 2 of the PBR00001

- 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



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Plant Breeder's Rights Act 1994 - Section 34

PART  
2



## 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.

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 34

PART  
2

## 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

Name	synonym
------	---------

#### 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)

<input type="checkbox"/> Pathogen/pest free	<input type="checkbox"/> Not free	<input type="checkbox"/> n/a	<input type="checkbox"/> Pathogen/pest free	<input type="checkbox"/> Not free
<input type="checkbox"/> Virus indexed	<input type="checkbox"/> Not indexed	<input type="checkbox"/> n/a	<input type="checkbox"/> Virus indexed	<input type="checkbox"/> Not indexed
<input type="checkbox"/> Stress free	<input type="checkbox"/> Not free	<input type="checkbox"/> n/a	<input type="checkbox"/> Stress free	<input type="checkbox"/> Not free

#### Stress Status of comparator varieties (Tick)

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\*, 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 characteristic(s) which distinguishes the candidate from the comparator variety(ies). Inbuilt check boxes are provided for this purpose.

There are step by step on-screen instructions with examples in each step of IVDS, 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 off-types (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).

---

\*Please contact the PBR office to discuss any detailed requirements



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

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?



Plant Breeder's Rights Act 1994 - Section 34



## Certification by a Qualified Person (QP)

### 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.comlaw.gov.au/series/c2004a03712](http://www.comlaw.gov.au/series/c2004a03712)).

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. IIP 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;
- 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.

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.



Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 34



## 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.	<input checked="" type="checkbox"/>
Determine the most similar varieties of common knowledge and the need to include source or parental material in trial.	<input checked="" 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 checked="" 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 checked="" 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 Qualified Person**

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**

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.**

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.**



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

## Application for a Declaration of Essential Derivation



### Privacy Notice

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- 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;
- 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.

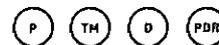
When you provide your consent to your personal information being disclosed to overseas recipients, including publication online, you understand that IP Australia will not be accountable for any subsequent use under the Privacy Act, nor are you able to seek redress under that Act, for the actions of any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



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

## Application for a Declaration of Essential Derivation



### 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 (if not Australia)

#### 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?  
 If yes, then refuse application for essential derivation and notify applicant

Yes  No

**Application must contain *prima facie* case of essential derivation**

Has a *prima facie* case been established?.....

Yes  No

If no, has the applicant been notified with reasons for the decision?.....

Yes  No

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  No

**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  No

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  No

Delegate of Registrar of Plant Breeder's Rights	Date:
---	-------



Plant Breeder's Rights Act 1994 - Section 62A



## 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.

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

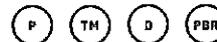
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When you provide your consent to your personal information being disclosed to overseas recipients, including publication online, you understand that IP Australia will not be accountable for any subsequent use under the Privacy Act, nor are you able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



Australian Government  
IP Australia

Plant Breeder's Rights Act 1994 - Section 62A



## Application to Rectify the PBR Register

### Personal Details of Applicant

(\* denotes mandatory fields)

*Name	<input type="text"/>		
	ACN/ARBN/ABN		
*Address (can be a PO Box)	<input type="text"/>		
	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	<input type="text"/>		
	Country	State	Postcode

OR

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

Name	<input type="text"/>		
Address	<input type="text"/>		
	Country (if not Australia)	State	Postcode

### Optional Details:

Telephone	( ) <input type="text"/>	Fax	( ) <input type="text"/>	Mobile Number	<input type="text"/>
Email Address	<input type="text"/>		Customer Number	<input type="text"/>	

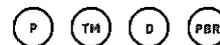
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IP Australia publishes address details in our online databases and bulk data products. Please provide a post office box if you do not want your residential address to be published.



Australian Government  
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Plant Breeder's Rights Act 1994 - Section 62A



## 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







## Part 2 Public Notices (Acceptances, Descriptions, Grants, and Variations etc.)

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 31 Issue 4) are listed below:

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

**ACCEPTANCE**

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

*Rubus subgenus Rubus Watson*

**‘APF 122’**

Application No: 2018/201 Accepted: 02 Oct 2018

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

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

*Viburnum plicatum*

JAPANESE SNOWBALL

**‘JWW5’**

Application No: 2018/280 Accepted: 03 Oct 2018

Applicant: **Jan-Willem Wezelenburg Boskoop B.V.**

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

*Solanum lycopersicum*

TOMATO

**‘DREAMVINE’**

Application No: 2018/236 Accepted: 03 Oct 2018

Applicant: **Nunhems B.V.**

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

*Solanum lycopersicum*

TOMATO

**‘ADORION’**

Application No: 2018/234 Accepted: 03 Oct 2018

Applicant: **Nunhems B.V.**

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

*Fragaria X ananassa*

STRAWBERRY

**‘FL13.26-134’**

Application No: 2018/212 Accepted: 03 Oct 2018

Applicant: **Florida Foundation Seed Producers, Inc.**

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

*Mandevilla hybrid*

MANDEVILLA

**‘Manvar’**

Application No: 2018/284 Accepted: 10 Oct 2018

Applicant: **Floraquest Pty Ltd**, Pennant Hills, NSW.

*Prunus hybrid*

PRUNUS - INTERSPECIFIC PLUM

**‘BellaZee’**

Application No: 2018/285 Accepted: 10 Oct 2018

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

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

*Triticum aestivum*

WHEAT

**‘EG Jet’ syn EDGE06-025b-03**

Application No: 2018/295 Accepted: 16 Oct 2018

Applicant: **Edstar Genetics Pty Ltd**.

Agent: **Elders Rural Services Australia Ltd**, Melbourne, VIC.

*Liriope muscari*

LILYTURF

**‘Sunlong5’**

Application No: 2017/153 Accepted: 17 Oct 2018

Applicant: **Sunplant Breeders Pty Ltd**.

Agent: **John Tilbrook**, Joondalup Dc, WA.

*Fragaria x ananassa*

STRAWBERRY

**‘Florida Beauty’ syn Florida Beauty**

Application No: 2018/245 Accepted: 17 Oct 2018

Applicant: **Florida Foundation Seed Producers, Inc.**

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

*Coleonema pulchrum*

CONFETTI BUSH

**‘Brilliant White’**

Application No: 2018/274 Accepted: 19 Oct 2018

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

*Westringia hybrid*

COASTAL ROSEMARY

**‘Smokescreen Mauve’**

Application No: 2018/286 Accepted: 19 Oct 2018

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

*Elaeocarpus reticulatus*

BLUEBERRY ASH, ASH QUANDONG, BLUE OLIVEBERRY, LILY-OF-THE-VALLEY-TREE,  
SCRUB-ASHFAIRY PETTICOATS

**‘Green Dream’**

Application No: 2018/276 Accepted: 19 Oct 2018

Applicant: **Complete Plant Management**, Sunshine Coast Mail Centre, QLD.

*Fragaria xananassa*

STRAWBERRY

**‘Diligent’**

Application No: 2018/281 Accepted: 25 Oct 2018

Applicant: **BERRY GENETICS, Inc.**

Agent: **Red Jewel Fruit Management Pty. Ltd.**, Ballandean, QLD.

*Triticum aestivum*

WHEAT

**‘LG-Gold’**

Application No: 2018/294 Accepted: 26 Oct 2018

Applicant: **Limagrain Europe s.a.**

Agent: **Elders Rural Services**, Melbourne, VIC.

*Agapanthus praecox ssp orientalis*

AFRICAN LILY, LILY OF THE NILE, AGAPANTHUS

**‘ATISEA’**

Application No: 2018/242 Accepted: 29 Oct 2018  
Applicant: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

*Prunus persica var. nucipersica*

NECTARINE

**‘Amber Fire’**

Application No: 2018/288 Accepted: 01 Nov 2018  
Applicant: **Zaiger's Inc. Genetics**.  
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

*Cucumis melo*

MELON

**‘ZENTAURO’**

Application No: 2018/209 Accepted: 08 Nov 2018  
Applicant: **Nunhems B.V., Laboratoire ASL S.N.C.**.  
Agent: **Shelston IP Pty Ltd**, Sydney, NSW.

*Prunus persica var. nucipersica*

NECTARINE

**‘CAKEDELICE’**

Application No: 2018/184 Accepted: 08 Nov 2018  
Applicant: **Agro Selections Fruits S.A.S.**.  
Agent: **Wynnes Patent and Trademark Attorneys**, Bulimba, QLD.

*Prunus avium*

SWEET CHERRY

**‘PA3UNIBO’**

Application No: 2018/197 Accepted: 08 Nov 2018  
Applicant: **Alma Mater Studiorum - Universita of Bologna**.  
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

*Ginkgo biloba*

GINKGO, MAIDENHAIR TREE

**‘Menhir’ syn Lemonlime spire**

Application No: 2018/259 Accepted: 08 Nov 2018

Applicant: **Jan-Willem Wezelenberg**.

Agent: **Plants Management Australia Pty. Ltd**, Dodges Ferry, TAS.

*Zoysia matrella*

MANILA GRASS, ZOYSIA GRASS, KOREAN GRASS, SIGLAP GRASS

**‘L1F’**

Application No: 2018/043 Accepted: 08 Nov 2018

Applicant: **David L Doguet**.

Agent: **Lawn Solutions Australia Group Pty Ltd**, Berry, NSW.

*Prunus avium*

SWEET CHERRY

**‘PA2UNIBO’**

Application No: 2018/196 Accepted: 08 Nov 2018

Applicant: **Alma Mater Studiorum - Universita of Bologna**.

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

*Daphne odora x bholua*

WINTER DAPHNE

**‘DapJur02’**

Application No: 2018/258 Accepted: 08 Nov 2018

Applicant: **Mark Jury**.

Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

*Prunus avium*

SWEET CHERRY

**‘PA1UNIBO’**

Application No: 2018/195 Accepted: 08 Nov 2018

Applicant: **Alma Mater Studiorum - Universita of Bologna**.

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

*Prunus cerasifera x maximowiczii*

INTERSPECIFIC PRUNUS ROOTSTOCK TREE

**‘Newroot-2’**

Application No: 2018/287 Accepted: 08 Nov 2018

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

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

*Prunus salicina x armeniaca*

PEACHCOT

**‘SunsetDelight’**

Application No: 2018/290 Accepted: 09 Nov 2018

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

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

*Prunus armeniaca x salicina*

INTERSPECIFIC APRICOT

**‘Country Cot’**

Application No: 2018/296 Accepted: 12 Nov 2018

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

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

*Prunus armeniaca x salicina*

INTERSPECIFIC APRICOT

**‘Trinidad’**

Application No: 2018/297 Accepted: 12 Nov 2018

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

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixtyFive’**

Application No: 2018/300 Accepted: 15 Nov 2018

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

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

*Cannabis sativa*

INDUSTRIAL HEMP

**‘FINOLA2’**

Application No: 2018/323 Accepted: 15 Nov 2018

Applicant: **James C. Callaway Jr.**

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixtyTwo’**

Application No: 2018/299 Accepted: 15 Nov 2018

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

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

*Fragaria x ananassa*

STRAWBERRY

**‘DRISSTRAWSIXTYONE’**

Application No: 2018/298 Accepted: 15 Nov 2018

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

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

*Passiflora hybrid*

**‘REGINA’**

Application No: 2018/293 Accepted: 16 Nov 2018

Applicant: **JGMM Innovations Pty Ltd.**

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

*Rubus idaeus*

RASPBERRY

**‘OVATION’**

Application No: 2018/303 Accepted: 26 Nov 2018

Applicant: **PLANT SCIENCES, Inc.**

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

*Daucus carota*

CARROT

**‘FLORANCE’**

Application No: 2018/310 Accepted: 26 Nov 2018

Applicant: **Nunhems B.V.**

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

*Prunus persica*

NECTARINE

**‘Honeylicious’**

Application No: 2018/301 Accepted: 26 Nov 2018

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

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

*Escallonia hybrid*

**‘IB411-6’**

Application No: 2018/304 Accepted: 28 Nov 2018

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

*Rosa hybrid*

ROSE

**‘Climbing Imp’**

Application No: 2018/308 Accepted: 29 Nov 2018

Applicant: **Daniel Roworth**, Alexander Heights, WA.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixtyFour’**

Application No: 2018/324 Accepted: 29 Nov 2018

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

Agent: **AJ Park**, Canberra, ACT.

*Malus domestica*

APPLE

**‘Ladina’**

Application No: 2018/289 Accepted: 29 Nov 2018

Applicant: **Agroscope.**

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

*Duboisia hybrid*

**‘A6’**

Application No: 2018/331 Accepted: 30 Nov 2018

Applicant: **G Crumpton & Sons & Co Pty Ltd**, Crawford, QLD.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixty’**

Application No: 2018/325 Accepted: 30 Nov 2018

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

Agent: **AJ Park**, Canberra, ACT.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawSixtyThree’**

Application No: 2018/326 Accepted: 30 Nov 2018

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

Agent: **AJ Park**, Canberra, ACT.

*Citrus sinensis*

**‘Witkrans’**

Application No: 2017/339 Accepted: 30 Nov 2018

Applicant: **Linda Louisa Grobler.**

Agent: **Variety Access Pty Ltd**, Torbanlea, QLD.

*xTriticosecale* .

TRITICALE

**‘Kokoda’**

Application No: 2018/329 Accepted: 30 Nov 2018

Applicant: **The University of Sydney, Grains Research and Development Corporation.**

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

*xTriticosecale* .

TRITICALE

**‘Normandy’**

Application No: 2018/330 Accepted: 30 Nov 2018

Applicant: **The University of Sydney, Grains Research and Development Corporation.**

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

*Citrus sinensis*

SWEET ORANGE, NAVEL ORANGE

**‘Ruby Valencia’**

Application No: 2018/214 Accepted: 30 Nov 2018

Applicant: **Crocodile Valley Citrus Co (Pty) Ltd.**

Agent: **Variety Access Pty Ltd**, Torbanlea, QLD.

*Duboisia hybrid*

**‘U3’**

Application No: 2018/332 Accepted: 05 Dec 2018

Applicant: **G Crumpton & Sons & Co Pty Ltd**, Crawford, QLD.

*Duboisia hybrid*

**‘H22’**

Application No: 2018/333 Accepted: 05 Dec 2018

Applicant: **G Crumpton & Sons & Co Pty Ltd**, Crawford, QLD.

*Duboisia hybrid*

**‘11-15-086’**

Application No: 2018/335 Accepted: 05 Dec 2018

Applicant: **G Crumpton & Sons & Co Pty Ltd**, Crawford, QLD.

*Zoysia macrantha*

PRICKLY COUCH, COAST COUCH, AUSTRALIAN ZOYSIA

**‘LSA Z2’**

Application No: 2018/350 Accepted: 05 Dec 2018

Applicant: **Lawn Solutions Australia Group Pty Ltd**, Jaspers Brush, NSW.

*Zoysia macrantha*

PRICKLY COUCH, COAST COUCH, AUSTRALIAN ZOYSIA

**‘LSA Z1’**

Application No: 2018/351 Accepted: 05 Dec 2018

Applicant: **Lawn Solutions Australia Group Pty Ltd**, Jaspers Brush, NSW.

*Duboisia hybrid*

**‘11-13-055’**

Application No: 2018/334 Accepted: 05 Dec 2018

Applicant: **G Crumpton & Sons & Co Pty Ltd**, Crawford, QLD.

*Prunus avium*

SWEET CHERRY

**‘Pacific Red’**

Application No: 2018/313 Accepted: 14 Dec 2018

Applicant: **SMS Unlimited LLC**.

Agent: **Eurofins Agrosience Services**, Shepparton, VIC.

*Prunus persica*

PEACH

**‘Snow Baby’**

Application No: 2018/312 Accepted: 14 Dec 2018

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

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

*Prunus salicina x armeniaca*

INTERSPECIFIC PLUM

**‘Crimson Carson’**

Application No: 2018/311 Accepted: 14 Dec 2018

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

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

*Cucumis melo*

MELON

**‘Flavor Journey’**

Application No: 2018/322 Accepted: 17 Dec 2018

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

Agent: **Monsanto Australia Limited**, Melbourne, VIC.

*Prunus avium*

SWEET CHERRY

**‘CAM-013’**

Application No: 2018/352 Accepted: 17 Dec 2018

Applicant: **James Cusato; Gay Cusato**, Northpoint, QLD.

*Syzygium australe*

**‘Little Dazza’**

Application No: 2018/309 Accepted: 18 Dec 2018

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

*Malus domestica*

APPLE

**‘EHCP’**

Application No: 2018/356 Accepted: 18 Dec 2018

Applicant: **Fruit Varieties International Pty Ltd**, Grove, TAS.

*Prunus persica*

PEACH

**‘SauzeeGold’**

Application No: 2018/349 Accepted: 18 Dec 2018

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

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

*Mangifera indica*

MANGO

**‘Sweethart’**

Application No: 2018/359 Accepted: 19 Dec 2018

Applicant: **Glynn Athol Bookall**, Georgetown, QLD.

*Prunus salicina x armeniaca*

INTERSPECIFIC PLUM

**‘Ruby Dawn’**

Application No: 2018/360 Accepted: 19 Dec 2018

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

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

*Prunus persica*

PEACH

**‘Snow Ryder’**

Application No: 2018/362 Accepted: 19 Dec 2018

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

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

*Fragaria x ananassa*

STRAWBERRY

**‘Plared 0822’**

Application No: 2018/320 Accepted: 19 Dec 2018

Applicant: **Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal.**

Agent: **Spruson & Ferguson Pty Limited**, Sydney, NSW.

*Fragaria x ananassa*

STRAWBERRY

**‘Plared 0955’**

Application No: 2018/319 Accepted: 19 Dec 2018

Applicant: **Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal.**

Agent: **Spruson & Ferguson Pty Limited**, Sydney, NSW.

*Fragaria x ananassa*

STRAWBERRY

**‘Plared 0949’**

Application No: 2018/318 Accepted: 19 Dec 2018

Applicant: **Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal.**

Agent: **Spruson & Ferguson Pty Limited**, Sydney, NSW.

*Malus domestica*

APPLE

**‘BigBucks’**

Application No: 2018/367 Accepted: 19 Dec 2018

Applicant: **Pink Vein Pty Ltd.**

Agent: **Fruit Varieties International Pty Ltd**, Grove, TAS.

*Mangifera indica*

MANGO

**‘P847’**

Application No: 2018/328 Accepted: 19 Dec 2018

Applicant: **Alfonso Palumbo, Venita Jayne Palumbo, Salvatore Palumba, Antonio Alfonso Palumbo,**  
Dimbulah, QLD.

*Fragaria X ananassa*

STRAWBERRY

**‘MYAG-HB’**

Application No: 2018/364 Accepted: 20 Dec 2018

Applicant: **Miyoshi & Co., Ltd.**

Agent: **Berry Sensation Pty Ltd**, Notting Hill, VIC.

*Aloe variegata*

ALOE

**‘MOBAI 18’**

Application No: 2018/370 Accepted: 20 Dec 2018

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

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

*Rosa hybrid*

ROSE

**‘GRA151213’**

Application No: 2018/355 Accepted: 20 Dec 2018

Applicant: **Harry Schreuders.**

Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

*Morella rubra*

**‘N2MR076’**

Application No: 2018/376 Accepted: 20 Dec 2018

Applicant: **University of Queensland.**

Agent: **Plant Varieties Australia**, Silvan, VIC.

*Vitis vinifera*

GRAPE VINE

**‘My Heart’**

Application No: 2018/346 Accepted: 20 Dec 2018

Applicant: **AATI Holding Pty Ltd.**

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

*Vitis vinifera*

GRAPE VINE

**‘Violet King’**

Application No: 2018/345 Accepted: 20 Dec 2018

Applicant: **AATI Holding Pty Ltd.**

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

*Vitis vinifera*

GRAPE VINE

**‘Yuhou’**

Application No: 2018/344 Accepted: 20 Dec 2018

Applicant: **AATI Holding Pty Ltd.**

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFiftyNine’**

Application No: 2018/342 Accepted: 20 Dec 2018

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

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFiftyEight’**

Application No: 2018/341 Accepted: 20 Dec 2018

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

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

*Vitis vinifera*

GRAPE VINE

**‘Wagamichi’**

Application No: 2018/347 Accepted: 20 Dec 2018

Applicant: **AATI Holding Pty Ltd.**

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

*Vitis vinifera*

GRAPE VINE

**‘Kotopi’**

Application No: 2018/348 Accepted: 20 Dec 2018

Applicant: **AATI Holding Pty Ltd.**

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

*Morella rubra*

RED BAYBERRY, CHINESE STRAWBERRY TREE, RED MYRICA

**‘N2MR020’**

Application No: 2018/377 Accepted: 20 Dec 2018

Applicant: **University of Queensland.**

Agent: **Plant Varieties Australia**, Silvan, VIC.

*Leptospermum hybrid*

TEA TREE

**‘Seclusion’**

Application No: 2018/336 Accepted: 21 Dec 2018

Applicant: **Peter James Ollerenshaw.**

Agent: **Robert Dunstone**, Wright, ACT.

*Aloe hybrid*

ALOE

**‘MOBAI 34’**

Application No: 2018/374 Accepted: 21 Dec 2018

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

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

*Aloe striata*

C

**‘MOBAI 31’**

Application No: 2018/373 Accepted: 21 Dec 2018

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

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

*Aloe variegata*

**‘MOBAI 30’**

Application No: 2018/372 Accepted: 21 Dec 2018

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

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

*Aloe hybrid*

ALOE

**‘MOBAI 20’**

Application No: 2018/371 Accepted: 21 Dec 2018

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

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

*Rubus allegheniensis*

HYBRID BLACKBERRY

**‘DrisBlackEighteen’**

Application No: 2018/365 Accepted: 21 Dec 2018

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

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

*Lavandula angustifolia*

ENGLISH LAVENDER

**‘Little Poppet’**

Application No: 2018/315 Accepted: 21 Dec 2018

Applicant: **Downderry Nursery Limited.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

*Escallonia hybrid*

**‘IB411-7’**

Application No: 2018/305 Accepted: 24 Dec 2018

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

*Escallonia hybrid*

**‘IB411-1’**

Application No: 2018/307 Accepted: 24 Dec 2018

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

## Variety Descriptions

<u>Common (Genus Species)</u>	<u>Variety</u>	<u>Title Holder</u>
<u>Kiwifruit (<i>Actinidia chinensis</i>)</u>	AC1536	Universita Degli Studi di Udine
<u>Mizuna (<i>Brassica rapa</i> var. <i>nipposinica</i>)</u>	ORIGAMI	Shamrock Seed Company, Inc. dba Vilmorin North America
<u>Praire grass (<i>Bromus catharticus</i> var. <i>catharticus</i>)</u>	Airgintin	Valley Seeds Pty Ltd
<u>Medicinal Cannabis (<i>Cannabis sativa</i>)</u>	CannBio-4	Agriculture Victoria Services Pty Ltd
<u>Medicinal Cannabis (<i>Cannabis sativa</i>)</u>	CannBio-3	Agriculture Victoria Services Pty Ltd
<u>Medicinal Cannabis (<i>Cannabis sativa</i>)</u>	CannBio-2	Agriculture Victoria Services Pty Ltd
<u>Soybean (<i>Glycine max</i>)</u>	Mossman HB1	CSIRO, Grains Research and Development Corporation, NSW DPI
<u>Soybean (<i>Glycine max</i>)</u>	New Bunya HB1	CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries
<u>Soybean (<i>Glycine max</i>)</u>	Burrinjuck	CSIRO, Grains Research and Development Corporation, NSW DPI
<u>Soybean (<i>Glycine max</i>)</u>	Kuranda HB1	CSIRO, Grains Research and Development Corporation, NSW Department of Primary Industries
<u>(<i>Lagerstroemia</i> hybrid)</u>	PIILAG-VI	Bailey Nurseries, Inc
<u>(<i>Lagerstroemia</i> hybrid)</u>	PIILAG-VIII	Bailey Nurseries, Inc
<u>(<i>Lagerstroemia</i> hybrid)</u>	PIILAG-VII	Bailey Nurseries, Inc
<u>Crepe Myrtle (<i>Lagerstroemia</i> hybrid)</u>	Plum Magic	Bailey Nurseries, Inc
<u>Crepe Myrtle (<i>Lagerstroemia</i> hybrid)</u>	Coral Magic	Bailey Nurseries, Inc
<u>Linseed (<i>Linum</i></u>	Streeton	Austgrains Pty Ltd

<a href="#"><u>usitatissimum</u></a>		
<a href="#"><u>Linseed (<i>Linum usitatissimum</i>)</u></a>	McCubbin	Austgrains Pty Ltd
<a href="#"><u>Macadamia (<i>Macadamia integrifolia</i>)</u></a>	MCT1	Macadamia Conservation Trust
<a href="#"><u>Lucerne (<i>Medicago sativa</i>)</u></a>	STIRLING	Alpha Group Consulting Pty Ltd
<a href="#"><u>Olive (<i>Olea europaea</i>)</u></a>	ASKAL	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, (A.R.O.) The Volcani Center
<a href="#"><u>Olive (<i>Olea europaea</i>)</u></a>	Bambalina	Australis Plants Pty Ltd
<a href="#"><u>Rice (<i>Oryza sativa</i>)</u></a>	Shinnosuke	Niigata Prefecture
<a href="#"><u>Phalaris (<i>Phalaris aquatica</i>)</u></a>	Astrail	Valley Seeds Pty Ltd
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	BDB-12VF	Berryworld Plus Limited
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Diamond-Jubilee	Berryworld Plus Limited
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Pearl	Berryworld Plus Limited
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Autumn Glory	Berryworld Plus Limited
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Versai	SCEA Marionnet
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Castion	Gilberto Molari and Aldo Techh
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	GRANDEUR	Plant Sciences Inc and Berry R&D Inc.
<a href="#"><u>Hybrid Blackberry (<i>Rubus subge. Eubatus .</i>)</u></a>	HJ-6	Plant Sciences, Inc.
<a href="#"><u>Sugarcane (<i>Saccharum hybrid</i>)</u></a>	SRA12	Sugar Research Australia
<a href="#"><u>Sugarcane (<i>Saccharum hybrid</i>)</u></a>	SRA13	Sugar Research Australia
<a href="#"><u>Sugarcane (<i>Saccharum hybrid</i>)</u></a>	SRA14	Sugar Research Australia
<a href="#"><u>Sugarcane (<i>Saccharum hybrid</i>)</u></a>	SRA15	Sugar Research Australia
<a href="#"><u>Sage (<i>Salvia hybrid</i>)</u></a>	SoCool Lilac	Plant Growers Australia Pty Ltd
<a href="#"><u>Sage (<i>Salvia hybrid</i>)</u></a>	SoCool	Plant Growers Australia Pty Ltd

	Violet	
<a href="#"><i>Sage (Salvia hybrid)</i></a>	SoCool Purple	Plant Growers Australia Pty Ltd
<a href="#"><i>Potato (Solanum tuberosum)</i></a>	Libertie	Caithness Potatoes Holding BV
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	Purpura	The University of Sydney
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	Murasaki	The University of Sydney
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	EG Jet	Edstar Genetics Pty Ltd
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	LG-Gold	Limagrain Europe s.a.
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	LG Cobalt	Limagrain Europe s.a.
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	Tenfour	Limagrain Europe s.a.
<a href="#"><i>Wheat (Triticum aestivum)</i></a>	Tungsten	Edstar Genetics Pty Ltd
<a href="#"><i>Triticale (xTriticosecale .)</i></a>	Kokoda	The University of Sydney, Grains Research and Development Corporation
<a href="#"><i>Triticale (xTriticosecale .)</i></a>	Normandy	The University of Sydney, Grains Research and Development Corporation
<a href="#"><i>Manila Grass (Zoysia matrella)</i></a>	G-4	GeneGro Pty Ltd
<a href="#"><i>Manila Grass (Zoysia matrella)</i></a>	G-10	GeneGro Pty Ltd

## Plant Varieties Journal - Search Result Details

**(*Lagerstroemia hybrid*)****Variety:** 'PIILAG-VI'**Synonym:** Red Magic**Application no:** 2016/061**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Feb-2016**Accepted:** 20-Apr-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Bailey Nurseries, Inc**Agent:** Fleming's Nurseries Pty Ltd**Telephone:** 0397566105**Fax:** 0397520005

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



## Plant Varieties Journal - Search Result Details

**(*Lagerstroemia hybrid*)**

**Variety:** 'PIILAG-VIII'  
**Synonym:** Twilight Magic

**Application no:** 2016/058

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 29-Feb-2016

**Accepted:** 19-Aug-2016

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Bailey Nurseries, Inc  
**Agent:** Fleming's Nurseries Pty Ltd  
**Telephone:** 0397566105  
**Fax:** 0397520005

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



## Plant Varieties Journal - Search Result Details

**(*Lagerstroemia hybrid*)**

**Variety:** 'PIILAG-VII'  
**Synonym:** Ruffled Red Magic

**Application no:** 2016/062

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 29-Feb-2016

**Accepted:** 19-Aug-2016

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Bailey Nurseries, Inc  
**Agent:** Fleming's Nurseries Pty Ltd  
**Telephone:** 0397566105  
**Fax:** 0397520005

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



## Plant Varieties Journal - Search Result Details

**Crepe Myrtle (*Lagerstroemia hybrid*)**

**Variety:** 'Plum Magic'  
**Synonym:** N/A

**Application no:** 2015/221

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 04-Aug-2015

**Accepted:** 29-Oct-2015

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Bailey Nurseries, Inc  
**Agent:** Fleming's Nurseries Pty Ltd  
**Telephone:** 0397566105  
**Fax:** 0397520005

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



## Plant Varieties Journal - Search Result Details

**Crepe Myrtle (*Lagerstroemia hybrid*)**

**Variety:** 'Coral Magic'  
**Synonym:** N/A

**Application no:** 2015/219

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 05-Aug-2015

**Accepted:** 29-Oct-2015

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Bailey Nurseries, Inc  
**Agent:** Fleming's Nurseries Pty Ltd  
**Telephone:** 0397566105  
**Fax:** 0397520005

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



## Plant Varieties Journal - Search Result Details

**Hybrid Blackberry (*Rubus subge. Eubatus* .)**

**Variety:** 'HJ-6'  
**Synonym:** INCENTIVE

**Application no:** 2016/013

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 13-Jan-2016

**Accepted:** 05-Apr-2016

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Plant Sciences, Inc.

**Agent:** Watermark Intellectual Asset Management

**Telephone:** 0398191664

**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Kiwifruit (*Actinidia chinensis*)**

**Variety:** 'AC1536'  
**Synonym:** N/A

**Application no:** 2018/369  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 12-Dec-2018  
**Accepted:** 10-Jan-2019  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Universita Degli Studi di Udine  
**Agent:** Davies Collison Cave Law Pty Ltd  
**Telephone:** 0392542888  
**Fax:** 0392542880

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



## Plant Varieties Journal - Search Result Details

**Linseed (*Linum usitatissimum*)****Variety:** 'Streeton'**Synonym:** N/A**Application no:** 2018/009**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jan-2018**Accepted:** 01-Mar-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Austgrains Pty Ltd**Agent:** Christopher Arnold Bluett**Telephone:** N/A**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Linseed (*Linum usitatissimum*)****Variety:** 'McCubbin'**Synonym:** N/A**Application no:** 2018/008**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jan-2018**Accepted:** 28-Feb-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Austgrains Pty Ltd**Agent:** Christopher Arnold Bluett**Telephone:** N/A**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Lucerne (*Medicago sativa*)**

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

**Application no:** 2017/124  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 01-May-2017  
**Accepted:** 24-Jul-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Alpha Group Consulting Pty Ltd  
**Agent:** N/A  
**Telephone:** 0887551502  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Macadamia (*Macadamia integrifolia*)****Variety:** 'MCT1'**Synonym:** M407**Application no:** 2017/095**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Apr-2017**Accepted:** 21-Aug-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Macadamia Conservation Trust**Agent:** Bruce Topp, PO Box 5083 SCMC, Nambour**Telephone:** 0266224935**Fax:** 0266224932

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



## Plant Varieties Journal - Search Result Details

**Manila Grass (*Zoysia matrella*)****Variety:** 'G-4'**Synonym:** N/A**Application no:** 2014/073**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Apr-2014**Accepted:** 13-Jun-2014**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Manila Grass (*Zoysia matrella*)****Variety:** 'G-10'**Synonym:** N/A**Application no:** 2015/158**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jun-2015**Accepted:** 28-Jul-2015**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Medicinal Cannabis (*Cannabis sativa*)**

**Variety:** 'CannBio-4'  
**Synonym:** N/A

**Application no:** 2017/255  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 28-Aug-2017  
**Accepted:** 20-Oct-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Agriculture Victoria Services Pty Ltd  
**Agent:** N/A  
**Telephone:** 0392174138  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Medicinal Cannabis (*Cannabis sativa*)**

**Variety:** 'CannBio-3'  
**Synonym:** N/A

**Application no:** 2017/254  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 28-Aug-2017  
**Accepted:** 20-Oct-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Agriculture Victoria Services Pty Ltd  
**Agent:** N/A  
**Telephone:** 0392174138  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Medicinal Cannabis (*Cannabis sativa*)**

**Variety:** 'CannBio-2'  
**Synonym:** N/A

**Application no:** 2017/253  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 28-Aug-2017  
**Accepted:** 20-Oct-2017  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Agriculture Victoria Services Pty Ltd  
**Agent:** N/A  
**Telephone:** 0392174138  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Mizuna (*Brassica rapa* var. *nipposinica*)****Variety:** 'ORIGAMI'**Synonym:** N/A**Application no:** 2017/026**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Feb-2017**Accepted:** 28-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Olive (*Olea europaea*)**

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

**Application no:** 2010/045  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 11-Mar-2010  
**Accepted:** 14-Oct-2013  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title:** The State of Israel - Ministry of Agriculture & Rural Development  
**Holder:** Agricultural Research Organisation, (A.R.O.) The Volcani Center  
**Agent:** Davies Collison Cave  
**Telephone:** 0392542777  
**Fax:** 0392542770

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



## Plant Varieties Journal - Search Result Details

**Olive (*Olea europaea*)**

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

**Application no:** 2011/241  
**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 15-Nov-2011  
**Accepted:** 06-Feb-2012  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Australis Plants Pty Ltd  
**Agent:** N/A  
**Telephone:** 0746968792  
**Fax:** 0746968712

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



## Plant Varieties Journal - Search Result Details

**Phalaris (*Phalaris aquatica*)**

**Variety:** 'Astrail'  
**Synonym:** Ostrali

**Application no:** 2015/309  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 12-Nov-2015  
**Accepted:** 19-Feb-2016  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Valley Seeds Pty Ltd  
**Agent:** N/A  
**Telephone:** 0355684112  
**Fax:** 0355684112

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



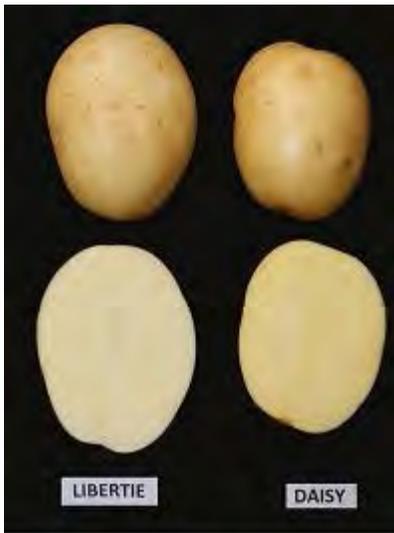
## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Libertie'**Synonym:** N/A**Application no:** 2016/054**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Feb-2016**Accepted:** 30-Mar-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Caithness Potatoes Holding BV**Agent:** South Australian Seeds Pty Ltd**Telephone:** 0882829000**Fax:** 0882829029

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



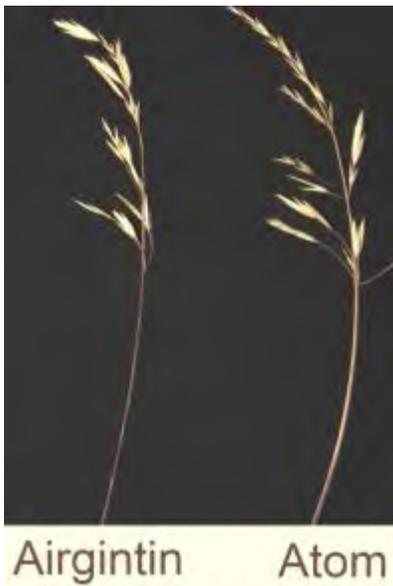
## Plant Varieties Journal - Search Result Details

**Praire grass (*Bromus catharticus* var. *catharticus*)****Variety:** 'Airgintín'**Synonym:** Arjantin**Application no:** 2015/308**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Nov-2015**Accepted:** 19-Feb-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Valley Seeds Pty Ltd**Agent:** N/A**Telephone:** 0355684112**Fax:** 0355684112

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)**

**Variety:** 'BDB-12VF'  
**Synonym:** N/A

**Application no:** 2015/305  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 06-Nov-2015  
**Accepted:** 17-Feb-2016  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Berryworld Plus Limited  
**Agent:** Red Jewel Fruit Management Pty Ltd  
**Telephone:** 0746841133  
**Fax:** 0746841186

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)****Variety:** 'Diamond-Jubilee'**Synonym:** N/A**Application no:** 2015/260**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Oct-2015**Accepted:** 28-Jan-2016**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Berryworld Plus Limited**Agent:** Red Jewel Fruit Management Pty Ltd**Telephone:** 0746841133**Fax:** 0746841186

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)****Variety:** 'Pearl'**Synonym:** N/A**Application no:** 2015/304**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Nov-2015**Accepted:** 27-Nov-2015**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Berryworld Plus Limited**Agent:** Red Jewel Fruit Management Pty Ltd**Telephone:** 0746841133**Fax:** 0746841186

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)**

**Variety:** 'Autumn Glory'  
**Synonym:** BHA-E5

**Application no:** 2015/303

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 06-Nov-2015

**Accepted:** 17-Feb-2016

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Berryworld Plus Limited

**Agent:** Red Jewel Fruit Management Pty Ltd

**Telephone:** 0746841133

**Fax:** 0746841186

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)****Variety:** 'Versai'**Synonym:** N/A**Application no:** 2017/094**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Apr-2017**Accepted:** 01-Jun-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** SCEA Marionnet**Agent:** Nerrigundah Berries Pty Ltd**Telephone:** 0359674231**Fax:** 0359674345

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus idaeus*)****Variety:** 'Castion'**Synonym:** N/A**Application no:** 2017/334**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Nov-2017**Accepted:** 03-Jan-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Gilberto Molari and Aldo Tech**Agent:** Hydroberry Plants Pty Ltd**Telephone:** N/A**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Raspberry (*Rubus ideaus*)****Variety:** 'GRANDEUR'**Synonym:** N/A**Application no:** 2012/041**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Feb-2012**Accepted:** 04-Jun-2012**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Plant Sciences Inc and Berry R&D Inc.**Agent:** Watermark Patent and Trademark Attorneys**Telephone:** 0398191664**Fax:** 0398196010

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



## Plant Varieties Journal - Search Result Details

**Rice (*Oryza sativa*)**

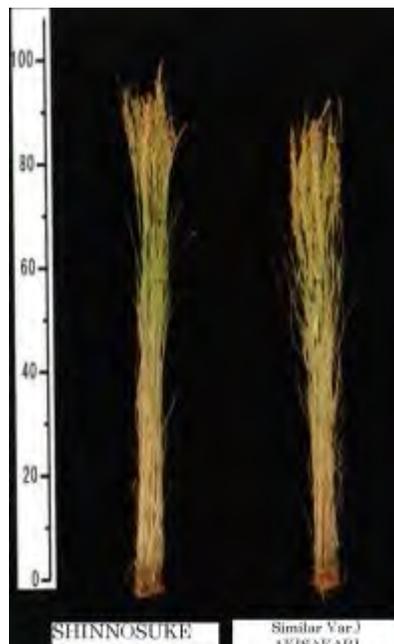
**Variety:** 'Shinnosuke'  
**Synonym:** N/A

**Application no:** 2018/085  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 26-Mar-2018  
**Accepted:** 21-May-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Niigata Prefecture  
**Agent:** IP Solved (ANZ) Pty. Ltd.  
**Telephone:** 0282677300  
**Fax:** 0292645154

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



## Plant Varieties Journal - Search Result Details

**Sage (*Salvia hybrid*)****Variety:** 'SoCool Lilac'**Synonym:** N/A**Application no:** 2017/040**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Feb-2017**Accepted:** 06-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Sage (*Salvia hybrid*)****Variety:** 'SoCool Violet'**Synonym:** N/A**Application no:** 2017/041**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Feb-2017**Accepted:** 06-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Sage (*Salvia hybrid*)****Variety:** 'SoCool Purple'**Synonym:** N/A**Application no:** 2017/039**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Feb-2017**Accepted:** 06-Apr-2017**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Soybean (*Glycine max*)****Variety:** 'Mossman HB1'**Synonym:** N/A**Application no:** 2017/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Nov-2017**Accepted:** 09-Jan-2018**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 31, Issue 4**Title Holder:** CSIRO, Grains Research and Development Corporation, NSW**Agent:** DPI**Telephone:** N/A**Fax:** 0732142278**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Soybean (*Glycine max*)**

**Variety:** 'New Bunya HB1'  
**Synonym:** N/A

**Application no:** 2018/031

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 22-Feb-2018

**Accepted:** 08-Mar-2018

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title:** CSIRO, Grains Research and Development Corporation, NSW  
**Holder:** Department of Primary Industries  
**Agent:** N/A  
**Telephone:** 0732142278  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Soybean (*Glycine max*)**

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

**Application no:** 2017/025

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 10-Feb-2017

**Accepted:** 20-Mar-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** CSIRO, Grains Research and Development Corporation, NSW DPI  
**Agent:** N/A  
**Telephone:** 0732142278  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Soybean (*Glycine max*)****Variety:** 'Kuranda HB1'**Synonym:** N/A**Application no:** 2018/032**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Feb-2018**Accepted:** 08-Mar-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title:** CSIRO, Grains Research and Development Corporation, NSW**Holder:** Department of Primary Industries**Agent:** N/A**Telephone:** 0732142278**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)**

**Variety:** 'SRA12'  
**Synonym:** N/A

**Application no:** 2018/251  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 29-Aug-2018  
**Accepted:** 11-Sep-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)**

**Variety:** 'SRA13'  
**Synonym:** N/A

**Application no:** 2018/250  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 29-Aug-2018  
**Accepted:** 11-Sep-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)**

**Variety:** 'SRA14'  
**Synonym:** N/A

**Application no:** 2018/249  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 29-Aug-2018  
**Accepted:** 11-Sep-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)**

**Variety:** 'SRA15'  
**Synonym:** N/A

**Application no:** 2018/247  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 29-Aug-2018  
**Accepted:** 11-Sep-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

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

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



## Plant Varieties Journal - Search Result Details

**Triticale (*xTriticosecale* .)****Variety:** 'Kokoda'**Synonym:** N/A**Application no:** 2018/329**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Nov-2018**Accepted:** 30-Nov-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title:** The University of Sydney, Grains Research and Development**Holder:** Corporation**Agent:** Shelston IP Pty Ltd**Telephone:** 0297771111**Fax:** 0292414666

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



## Plant Varieties Journal - Search Result Details

**Triticale (*xTriticosecale* .)**

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

**Application no:** 2018/330

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Nov-2018

**Accepted:** 30-Nov-2018

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** The University of Sydney, Grains Research and Development Corporation  
**Agent:** Shelston IP Pty Ltd  
**Telephone:** 0297771111  
**Fax:** 0292414666

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'Purpura'**Synonym:** N/A**Application no:** 2018/282**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Sep-2018**Accepted:** 19-Sep-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** The University of Sydney**Agent:** N/A**Telephone:** 0293518860**Fax:** 0293518875

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

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

**Application no:** 2018/283  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 12-Sep-2018  
**Accepted:** 19-Sep-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** The University of Sydney  
**Agent:** N/A  
**Telephone:** 0293518860  
**Fax:** 0293518875

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'EG Jet'  
**Synonym:** EDGE06-025b-03

**Application no:** 2018/295

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 05-Oct-2018

**Accepted:** 16-Oct-2018

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Edstar Genetics Pty Ltd  
**Agent:** Elders Rural Services Australia Ltd  
**Telephone:** 0438561273  
**Fax:** N/A

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'LG-Gold'**Synonym:** N/A**Application no:** 2018/294**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Oct-2018**Accepted:** 26-Oct-2018**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Limagrain Europe s.a.**Agent:** Elders Rural Services**Telephone:** 0438561273**Fax:** 0396096255

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'LG Cobalt'  
**Synonym:** N/A

**Application no:** 2018/096  
**Current status:** ACCEPTED  
**Certificate no:** N/A  
**Received:** 06-Apr-2018  
**Accepted:** 29-May-2018  
**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Limagrain Europe s.a.  
**Agent:** Elders Rural Services  
**Telephone:** 0438561273  
**Fax:** 0396096255

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'Tenfour'  
**Synonym:** LG Tenfour

**Application no:** 2018/094

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 06-Apr-2018

**Accepted:** 29-May-2018

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

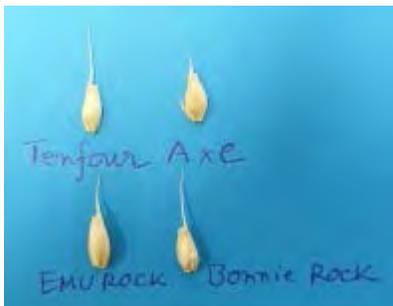
**Title Holder:** Limagrain Europe s.a.

**Agent:** Elders Rural Services

**Telephone:** 0438561273

**Fax:** 0396096255

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



## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)**

**Variety:** 'Tungsten'  
**Synonym:** EDGE06-034-14

**Application no:** 2017/075

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 28-Mar-2017

**Accepted:** 09-Jun-2017

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 31, Issue 4

**Title Holder:** Edstar Genetics Pty Ltd

**Agent:** Elders Limited

**Telephone:** 0396096222

**Fax:** N/A

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



<b>Details of Application</b>		
<b>Application Number</b>	2016/061	
<b>Variety Name</b>	'PIILAG-VI'	
<b>Genus Species</b>	<i>Lagerstroemia</i> hybrid	
<b>Common Name</b>	Crepe myrtle	
<b>Synonym</b>	Red Magic	
<b>Accepted Date</b>	20 Apr 2016	
<b>Applicant</b>	Bailey Nurseries Inc, Saint Paul, USA	
<b>Agent</b>	Fleming's Nurseries Pty Ltd, Monbulk, VIC	
<b>Qualified Person</b>	Leanne Gillies	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP26183	
<b>Location</b>	Fleming's Nurseries, Monbulk, VIC	
<b>Descriptor</b>	<i>Lagerstroemia</i> TG/95/3	
<b>Period</b>	05/2017-02/2019	
<b>Conditions</b>	Candidate plants grown in commercial nursery, outdoors under irrigation.	
<b>Trial Design</b>	Candidate plants were grown as part of standard production practice in 20cm containers using commercial grade potting media. Plants were irrigated and fertilised as required.	
<b>Measurements</b>	Observational data	
<b>RHS Chart - edition</b>	2007	
<b>Origin and Breeding</b>		
Open pollination: 'PIILAG-VI' originated from open-pollination of <i>Lagerstroemia</i> 'PIILAG-III' growing in Watkinsville, Georgia, USA, in 2008. <i>Lagerstroemia</i> 'PIILAG-VI' was selected from the progeny of the aforementioned open-pollination after evaluation for growth habit, foliage and flower characteristics. From 2010, the candidate cultivar was asexually cultivated from stem-cuttings and proved to be stable and uniform over multiple generations. Breeder: Josh Kardos, Michael Dirr, 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>
Plant	form	shrub
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'PIILAG-III'		
'PIILAG-B5'		

**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>'PIILAG-VI'</b>	<b>'PIILAG-B5'</b>	<b>'PIILAG-III'</b>
<input type="checkbox"/> *Plant: growth habit	upright to bushy	upright	upright
<input type="checkbox"/> *Leaf blade: shape	only elliptic	only elliptic	-
<input type="checkbox"/> *Flower bud: shape	globular	globular	-
<input type="checkbox"/> Flower: number of colours	one	one	-
<input type="checkbox"/> *Flower: number of colours on upper side of petal	one	one	-
<input checked="" type="checkbox"/> *Flower: main colour on upper side of petal (RHS colour chart)	46A	53B	-
<input type="checkbox"/> *Fruit: shape	ellipsoid	ellipsoid	-

<b>Characteristics Additional to the Descriptor/TG</b>			
<b>Organ/Plant Part: Context</b>	<b>'PIILAG-VI'</b>	<b>'PIILAG-B5'</b>	<b>'PIILAG-III'</b>
<input checked="" type="checkbox"/> Juvenile leaves (adaxial surface): colour (RHS colour chart)	42B	180A	-
<input checked="" type="checkbox"/> Juvenile leaves (abaxial surface): colour (RHS colour chart) (RHS colour chart)	42B	180A	-
<input checked="" type="checkbox"/> Juvenile stem: colour (RHS colour chart)	42B	179B	-
<input checked="" type="checkbox"/> Plant: size	compact	large	compact
<input checked="" type="checkbox"/> Juvenile leaves: colour	orange-red	dark-red	red-purple

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2013	Granted	'PIILAG-VI'

First sold in USA in July 2015.

Description: **Leanne Gillies**, Fleming's Nurseries, Monbulk, VIC 3793.

<b>Details of Application</b>		
<b>Application Number</b>	2016/058	
<b>Variety Name</b>	'PIILAG-VIII'	
<b>Genus Species</b>	<i>Lagerstroemia</i> hybrid	
<b>Common Name</b>	Crepe myrtle	
<b>Synonym</b>	Twilight Magic	
<b>Accepted Date</b>	19 Aug 2016	
<b>Applicant</b>	Bailey Nurseries, Inc, Saint Paul, USA	
<b>Agent</b>	Fleming's Nurseries Pty Ltd, Monbulk, VIC	
<b>Qualified Person</b>	Leanne Gillies	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP27194	
<b>Location</b>	Fleming's Nurseries, Monbulk, VIC	
<b>Descriptor</b>	<i>Lagerstroemia</i> TG/95/3	
<b>Period</b>	05/2017-02/2019	
<b>Conditions</b>	Candidate plants grown in commercial nursery, outdoors under irrigation.	
<b>Trial Design</b>	Candidate plants were grown as part of standard production practice in 20cm containers using commercial grade potting media. Plants were irrigated and fertilised as required.	
<b>Measurements</b>	Observational data	
<b>RHS Chart - edition</b>	2007	
<b>Origin and Breeding</b>		
Open pollination: cultivar <i>Lagerstroemia</i> 'PIILAG-VIII' resulted from open pollinated seed of <i>Lagerstroemia</i> hybrid x L. 'Chocolate Mocha' growing in Watkinsville, Georgia, USA. The cultivar 'PIILAG-VIII' was selected in 2010 after evaluating progeny for growth habit, flower, foliage, disease, and cold hardiness characteristics. 'PIILAG-VIII' has been asexually reproduced by stem cuttings in the above location since 2011 and has proven to be true-to-type through successive generations. Breeders: Michael Dirr, Mark Griffith, Oren Mcbee, Rhonda Helvick, Jeff Beasley.		
<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	burgundy
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'PIILAG-IV'		
'PIILAG-V'		

**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	'PIILAG-VIII'	'PIILAG-IV'	'PIILAG-V'
<input checked="" type="checkbox"/> *Plant: growth habit	upright	upright	bushy
<input type="checkbox"/> *Leaf blade: shape	mainly elliptic	only elliptic	only elliptic
<input type="checkbox"/> *Flower bud: shape	globular	globular	-
<input type="checkbox"/> *Flower bud: prominence of suture	strong	-	-
<input type="checkbox"/> *Flower: number of colours on upper side of petal	one	one	one
<input checked="" type="checkbox"/> *Flower: main colour on upper side of petal (RHS colour chart)	61C	NN155D	N57C
<input type="checkbox"/> *Fruit: shape	ellipsoid	ellipsoid	ellipsoid

<b>Characteristics Additional to the Descriptor/TG</b>			
Organ/Plant Part: Context	'PIILAG-VIII'	'PIILAG-IV'	'PIILAG-V'
<input checked="" type="checkbox"/> <input type="checkbox"/> Leaves: colour	dark burgundy	dark maroon-purple	dark maroon-purple
<input checked="" type="checkbox"/> Leaves: curvature	flat	curved	curved
<input checked="" type="checkbox"/> Flowers: colour	rich Pink	white	dark pink
<input checked="" type="checkbox"/> Mature leaves (adaxial surface): colour (RHS colour chart)	N137B	187A	N186C
<input checked="" type="checkbox"/> Mature leaves (abaxial surface): colour (RHS colour chart)	N186C	184B	183C
<input checked="" type="checkbox"/> Flower buds: colour (RHS colour chart)	181C	60A	187B

**Prior Applications and Sales:**

Country	Year	Status	Name Applied
USA	2014	Granted	'PIILAG-VIII'

Description: **Leanne Gillies**, Fleming's Nurseries, Monbulk, VIC 3793.

<b>Details of Application</b>	
<b>Application Number</b>	2016/062
<b>Variety Name</b>	'PIILAG-VII'
<b>Genus Species</b>	<i>Lagerstroemia</i> hybrid
<b>Common Name</b>	Crepe myrtle
<b>Synonym</b>	Ruffled Red Magic
<b>Accepted Date</b>	19 Aug 2016
<b>Applicant</b>	Bailey Nurseries, Inc, Saint Paul, USA
<b>Agent</b>	Fleming's Nurseries Pty Ltd, Monbulk, VIC
<b>Qualified Person</b>	Leanne Gillies

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	PP27,303
<b>Location</b>	Fleming's Nurseries, Monbulk, VIC
<b>Descriptor</b>	<i>Lagerstroemia</i> TG/95/3
<b>Period</b>	05/2017-02/2019
<b>Conditions</b>	Candidate plants grown in commercial nursery, outdoors under irrigation.
<b>Trial Design</b>	Candidate plants were grown as part of standard production practice in 20cm containers using commercial grade potting media. Plants were irrigated and fertilised as required.
<b>Measurements</b>	Observational
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Controlled pollination: cultivar *Lagerstroemia* 'PIILAG-VII' originated from the controlled cross-pollination of *Lagerstroemia* 'PIILAG-III' (maternal) and *Lagerstroemia indica* 'Whit IV' (paternal) in a cultivated environment in Watkinsville, Georgia, USA. The cultivar L. 'PIILAG-VII' was selected in 2010 after evaluation for growth habit, foliage, flower, and disease resistance characteristics. Asexual reproduction by stem cuttings since 2011 has proven *Lagerstroemia* 'PIILAG-VII' to be stable and true-to-type through multiple generations of vegetative propagation. Breeders: Michael Dirr, Mark Griffith, Oren Mcbee, Rhonda Helvick, Jeff Beasley.

**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>
Flowers	colour	red

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

<b>Name</b>	<b>Comments</b>
'Whit II'	

**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>'PIILAG-VII'</b>	<b>'Whit II'</b>
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	spreading
<input type="checkbox"/> *Leaf blade: shape	mainly elliptic	-
<input type="checkbox"/> *Flower bud: shape	globular	-
<input type="checkbox"/> *Flower bud: prominence of suture	strong	-
<input type="checkbox"/> Flower: number of colours	one	one
<input type="checkbox"/> *Flower: number of colours on upper side of petal	one	two
<input type="checkbox"/> *Flower: main colour on upper side of petal (RHS colour chart)	46A	46C
<input type="checkbox"/> *Fruit: shape	ellipsoid	-

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'PIILAG-VII'</b>	<b>'Whit II'</b>
<input checked="" type="checkbox"/> Juvenile leaves: colour	53A	185A
<input type="checkbox"/> Plant : size	intermediate	large
<input checked="" type="checkbox"/> Stamens: Visibility	not visible	visible

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2013		'PIILAG-VII'

First sold in USA Oct: 2015.

Description: **Leanne Gillies**, Fleming's Nurseries, Monbulk, VIC 3793.

<b>Details of Application</b>	
<b>Application Number</b>	2015/221
<b>Variety Name</b>	'Plum Magic'
<b>Genus Species</b>	<i>Lagerstroemia</i> hybrid
<b>Common Name</b>	Crepe Myrtle
<b>Synonym</b>	Nil
<b>Accepted Date</b>	29 Oct 2015
<b>Applicant</b>	Bailey Nurseries, Inc, Saint Paul, USA
<b>Agent</b>	Fleming's Nurseries Pty Ltd, Monbulk, VIC
<b>Qualified Person</b>	Leanne Gillies

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	PP23518
<b>Location</b>	Fleming's Nurseries, Monbulk, VIC
<b>Descriptor</b>	<i>Lagerstroemia</i> TG/95/3
<b>Period</b>	Candidate plants grown in commercial nursery, outdoors under irrigation.
<b>Conditions</b>	Candidate plants were grown as part of standard production practice in 20cm containers using commercial grade potting media. Plants were irrigated and fertilised as required.
<b>Trial Design</b>	05/2017-02/2019
<b>Measurements</b>	Observational
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Open pollination: cultivar *Lagerstroemia* 'Plum Magic' originated from open-pollinated seed of *Lagerstroemia* 'Gamad VI' (US PP22161) growing in Watkinsville, Ga, USA. 'Plum Magic' was selected from the progeny of this open pollination after evaluation for growth habit and foliage and flower characteristics. 'Plum Magic' has been asexually propagated via stem cuttings at the aforementioned location since 2008 and has proven to be stable and true-to-type over multiple generations. Breeder: Joshua H. Kardos.

**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
Mature leaves	shade of colour	dark

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

Name	Comments
'Whit III'	US PP10319 RHS 1966 used in PP10319.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
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'White Chocolate'	flowers	colour	fuscia-pink	white	
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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.

<b>Organ/Plant Part: Context</b>	<b>'Plum Magic'</b>	<b>'Whit III'</b>
<input type="checkbox"/> *Plant: growth habit	bushy	bushy
<input type="checkbox"/> *Leaf blade: shape	only elliptic	-
<input type="checkbox"/> Flower: number of colours	one	one
<input type="checkbox"/> *Flower: number of colours on upper side of petal	one	one
<input checked="" type="checkbox"/> *Flower: main colour on upper side of petal (RHS colour chart)	71B	61B
<input type="checkbox"/> *Fruit: shape	ellipsoid	-

<b><u>Characteristics Additional to the Descriptor/TG</u></b>		
<b>Organ/Plant Part: Context</b>	<b>'Plum Magic'</b>	<b>'Whit III'</b>
<input checked="" type="checkbox"/> Juvenile leaves: colour(RHS colour chart)	187A	59A
<input checked="" type="checkbox"/> Mature leaves (adaxial surface): colour(RHS colour chart)	189A	139A
<input checked="" type="checkbox"/> Mature leaves (abaxial surface): colour(RHS colour chart)	146B	139A
<input checked="" type="checkbox"/> Flower buds: colour(RHS colour chart)	187B	59A

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2011	Granted	'Plum Magic'

First sold in USA in June 2010.

Description: **Leanne Gillies**, Fleming's Nurseries, Monbulk, VIC 3793.

<b>Details of Application</b>		
<b>Application Number</b>	2015/219	
<b>Variety Name</b>	'Coral Magic'	
<b>Genus Species</b>	<i>Lagerstroemia</i> hybrid	
<b>Common Name</b>	Crepe Myrtle	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	29 Oct 2015	
<b>Applicant</b>	Bailey Nurseries, Inc, Saint Paul, USA	
<b>Agent</b>	Fleming's Nurseries Pty Ltd, Monbulk, VIC	
<b>Qualified Person</b>	Leanne Gillies	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP23922	
<b>Location</b>	Fleming's Nurseries, Monbulk, VIC	
<b>Descriptor</b>	<i>Lagerstroemia</i> TG/95/3	
<b>Period</b>	05/2017-02/2019	
<b>Conditions</b>	Candidate plants grown in commercial nursery, outdoors under irrigation.	
<b>Trial Design</b>	Candidate plants were grown as part of standard production practice in 20cm containers using commercial grade potting media. Plants were irrigated and fertilised as required.	
<b>Measurements</b>	Observational data	
<b>RHS Chart - edition</b>	2001	
<b>Origin and Breeding</b>		
Open pollination: 'Coral Magic' originated from open-pollinated seed of <i>Lagerstroemia</i> 'Gamad VI' growing in Watkinsville, Georgia, USA. <i>Lagerstroemia</i> 'Coral Magic' was selected from the progeny after evaluation for growth habit, foliage and flower characteristics. From 2009, <i>Lagerstroemia</i> 'Coral Magic' was asexually propagated from stem-cuttings and has proven to be true-to-type and stable through multiple generations. Breeders: Joshua H. Kardos.		
<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	form	shrub
Flowers	colour	pink
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Gamad VIII'		
'Gamad VI'		
'Whit VIII'		

**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	'Coral Magic'	'Gamad VI'	'Gamad VIII'	'Whit VIII'
<input type="checkbox"/> *Plant: growth habit	upright to bushy	upright to bushy	upright	upright
<input checked="" type="checkbox"/> *Leaf blade: shape	only elliptic	only elliptic	only obovate	
<input type="checkbox"/> Leaf blade: undulation	absent	present		
<input type="checkbox"/> *Flower bud: shape	globular	globular	globular	globular
<input type="checkbox"/> Flower: number of colours	one	one	two	two
<input type="checkbox"/> *Flower: number of colours on upper side of petal	one	one	one	one
<input checked="" type="checkbox"/> *Flower: main colour on upper side of petal (RHS colour chart)	61D	64A	65A	186B
<input type="checkbox"/> *Fruit: shape	ellipsoid	ellipsoid	ellipsoid	

Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context	'Coral Magic'	'Gamad VI'	'Gamad VIII'	'Whit VIII'
<input checked="" type="checkbox"/> Mature leaves (adaxial surface): colour(RHS colour chart)	147A	139A		147A
<input checked="" type="checkbox"/> Mature leaves (abaxial surface): colour(RHS colour chart)	146B	137B		147A
<input type="checkbox"/> Juvenile stem: colour(RHS colour chart)	187A	187B		187A

**Prior Applications and Sales:**

Country	Year	Status	Name Applied
USA	2011	Granted	'Coral Magic'

First sold in USA in Sep: 2010.

Description: **Leanne Gillies**, Fleming's Nurseries, Monbulk, VIC 3793.

<b>Details of Application</b>	
<b>Application Number</b>	2016/013
<b>Variety Name</b>	'HJ-6'
<b>Genus Species</b>	<i>Rubus</i> subge. <i>Eubatus</i> .
<b>Common Name</b>	Hybrid Blackberry
<b>Synonym</b>	INCENTIVE
<b>Accepted Date</b>	05 Apr 2016
<b>Applicant</b>	Plant Sciences, Inc., Watsonville, California, USA
<b>Agent</b>	Watermark Intellectual Asset Management, Hawthorn, VIC
<b>Qualified Person</b>	Elise Pike

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	PP 23,270
<b>Location</b>	Overseas data was verified in Wamuran, QLD.
<b>Descriptor</b>	Blackberry (new) TG/73/7
<b>Period</b>	2017- 2018
<b>Conditions</b>	Plants are grown in tunnels under standard Blackberry production guidelines
<b>Trial Design</b>	Completely Randomised
<b>Measurements</b>	Measurements and observations were taken on randomly selected plants.
<b>RHS Chart - edition</b>	

#### **Origin and Breeding**

Controlled pollination: Obsidian × Eaton. The aforementioned cross was selected from a controlled breeding plot near Watsonville, Santa Cruz County, Calif in 2007 by the inventors. After it's selection, the new variety was further asexually propagated beginning in October 2007 in Watsonville. Santa Cruz County, California by tissue culture. The new variety was then tested in the fruiting fields in Santa Cruz County, California. Plants were transferred to Australia in 2014. Breeders: Harold A Johnson Jnr and Judith E Johnson, Aromas, California USA. Employees of Plant Sciences Inc.

**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
Dormant cane	spines	present
Leaf	predominant number of leaflets	three to five

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

<b>Name</b>	<b>Comments</b>
'Obsidian'	Female parent (unpatented)

**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>'HJ-6'</b>	<b>'Obsidian'</b>
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> Plant: number of new canes	many	many
<input type="checkbox"/> Dormant cane: diameter	large	medium
<input type="checkbox"/> Dormant cane: predominant distribution of branches	over whole length	over whole length
<input type="checkbox"/> *Dormant cane: spines	present	
<input type="checkbox"/> Dormant cane: number of spines	many	many
<input type="checkbox"/> Spine: attitude of apex in relation to cane	outwards	outwards
<input type="checkbox"/> Terminal leaflet: length	medium	medium
<input type="checkbox"/> Terminal leaflet: width	medium	medium
<input type="checkbox"/> Terminal leaflet: blistering between veins	medium	
<input type="checkbox"/> Leaflet: type of incision of margin	bi-serrate	bi-serrate
<input type="checkbox"/> Leaflet: depth of incisions	shallow	shallow
<input type="checkbox"/> *Leaf: predominant number of leaflets	five	three
<input type="checkbox"/> *Leaf: type	palmate	intermediate
<input type="checkbox"/> Leaf: intensity of green colour of upper side	dark	dark
<input type="checkbox"/> Leaf: glossiness of upper side	medium to strong	medium to strong
<input type="checkbox"/> Petiole: size of stipules	small	
<input type="checkbox"/> Flower: colour of petal	white	white
<input type="checkbox"/> Fruiting lateral: length	long	-
<input type="checkbox"/> Fruit: length	long	medium
<input type="checkbox"/> Fruit: width	medium to broad	medium to broad
<input type="checkbox"/> Fruit: ratio length/width	medium	small to medium
<input type="checkbox"/> Fruit: size of drupelet	medium to many	medium
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	oblong	elliptic
<input type="checkbox"/> Fruit: colour	black	black
<input type="checkbox"/> Time of: leaf bud burst	early to medium	very early to early
<input type="checkbox"/> *Fruiting: on current year's cane	present	present
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane	medium	very early to early
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's	medium	very early to

cane		early
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**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
USA	2011	Granted	'HJ-6'

First sold in the USA in January 2012.

Description: **Elise Pike**, Red Jewel Nursery, Ballandean, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2018/369	
<b>Variety Name</b>	'AC1536'	
<b>Genus Species</b>	<i>Actinidia chinensis</i>	
<b>Common Name</b>	Kiwifruit	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	10 Jan 2019	
<b>Applicant</b>	Universita Degli Studi di Udine, Italy	
<b>Agent</b>	Davies Collison Cave Law Pty Ltd, Melbourne, VIC	
<b>Qualified Person</b>	Ian Paananen	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	CRA-FRU	
<b>Overseas Data Reference Number</b>	2013 A/3	
<b>Location</b>	CRA-FRU, via Fioranello, 52, 00134 Rome, Italy	
<b>Descriptor</b>	CPVO-TP/098/2	
<b>Period</b>	2013-2015	
<b>Conditions</b>	According to CPVO-TP/098/2.	
<b>Origin and Breeding</b>		
Controlled pollination: seed parent 'A0172' with pollen parent 'A0134.16' in 2000. The seed parent is characterised by medium fruit weight and length. The pollen parent is characterised by male sex expression. Selection criteria: early time of fruit maturity, large fruit size, distinctive fruit shape, good fruit storage life, good field temperature tolerances. Propagation: vegetative by grafting to <i>A. deliciosa</i> or <i>A. chinensis</i> . Breeders: Guglielmo Costa, Bologna, Italy, Cipriani Guido, Udine, Italy and Raffaele Testolin, Udine, Italy.		
<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	weight	high
Fruit	shape	oblong
Fruit	stylar end	weakly depressed
Fruit	hairiness of skin	present
Fruit	colour of outer pericarp	medium yellow
Fruit	colour of locules	medium yellow
Time of	maturity for harvest	early
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Soreli'		

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Hort16A'	Time of	maturity for harvest	early	late
	Fruit	shape	oblong	ovoid
	Fruit	colour of outer pericarp	medium yellow	greenish yellow
'Jintao'	Time of	maturity for harvest	early	medium
	Fruit	weight	high	medium
	Fruit	length	long	medium

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

Organ/Plant Part: Context	'AC1536'	'Soreli'
<input type="checkbox"/> *Plant: sex	female	female
<input type="checkbox"/> Plant: self fruit setting	absent	-
<input type="checkbox"/> Plant: vigour	strong	-
<input type="checkbox"/> *Young shoot: density of hairs	sparse	-
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	-
<input type="checkbox"/> *Stem: thickness	medium	-
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown	-
<input type="checkbox"/> Stem: texture of bark	moderately rough	-
<input checked="" type="checkbox"/> Stem: density of hairs	absent or sparse	medium
<input type="checkbox"/> *Stem: size of lenticels	medium	-
<input type="checkbox"/> *Stem: number of lenticels	medium	-
<input type="checkbox"/> *Stem: prominence of bud support	strong	-
<input checked="" type="checkbox"/> *Stem: presence of bud cover	present	absent
<input type="checkbox"/> *Stem: size of hole in bud cover	small	-
<input type="checkbox"/> Stem: leaf scar	strongly depressed	-
<input type="checkbox"/> *Stem: pith	lamellate	-
<input type="checkbox"/> *Leaf blade: shape	ovate	-
<input type="checkbox"/> *Leaf blade: ratio length/width	intermediate	-
<input type="checkbox"/> *Leaf blade: shape of apex	acuminate	-
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	-
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	-
<input type="checkbox"/> Leaf blade: density of hairs on lower side	sparse	-

<input type="checkbox"/>	*Leaf blade: intensity of green colour of upper side	medium	-
<input type="checkbox"/>	*Leaf blade: colour of lower side	light green	-
<input type="checkbox"/>	Leaf blade: variegation	absent	-
<input type="checkbox"/>	*Leaf: length of petiole relative to blade	large	-
<input checked="" type="checkbox"/>	Petiole: anthocyanin colouration of upper side	absent or very weak	medium
<input type="checkbox"/>	Inflorescence: type	solitary	-
<input type="checkbox"/>	Inflorescence: number of flowers	medium	-
<input type="checkbox"/>	Flower: number of sepals	many	-
<input type="checkbox"/>	*Flower: main colour of sepals	green	-
<input type="checkbox"/>	Flower: density of sepal hairs	absent or sparse	-
<input type="checkbox"/>	*Flower: diameter	large	-
<input type="checkbox"/>	*Flower: arrangement of petals	overlapping	-
<input type="checkbox"/>	Flower: shape in profile	flat	-
<input type="checkbox"/>	Flower: number of styles	medium	-
<input type="checkbox"/>	*Flower: attitude of styles	irregular	-
<input type="checkbox"/>	Petal: main colour on adaxial side	white	-
<input type="checkbox"/>	Petal: shading of main colour	even	-
<input type="checkbox"/>	Petal: second colour on adaxial side	green	-
<input type="checkbox"/>	Petal: distribution of second colour	basal spot only	-
<input type="checkbox"/>	Anther: colour	yellow orange	-
<input type="checkbox"/>	*Fruit: weight	high	high
<input checked="" type="checkbox"/>	*Fruit: length	long	medium
<input type="checkbox"/>	*Fruit: width	medium	-
<input type="checkbox"/>	*Fruit: ratio length/width	medium	-
<input type="checkbox"/>	*Fruit: shape	oblong	oblong
<input checked="" type="checkbox"/>	*Fruit: shape in cross section (at median)	circular	oblate
<input type="checkbox"/>	*Fruit: styler end	weakly depressed	weakly depressed
<input type="checkbox"/>	Fruit: presence of calyx ring	medium expressed	-
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	-
<input type="checkbox"/>	*Fruit: length of stalk	medium	-
<input type="checkbox"/>	*Fruit: length of stalk relative to length of fruit	medium	-
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	medium	-

<input type="checkbox"/> *Fruit: hairiness of skin	present	present
<input type="checkbox"/> *Fruit: density of hairs	very sparse	-
<input type="checkbox"/> Fruit: colour of hairs	yellow brown	-
<input type="checkbox"/> *Fruit: adherence of hairs to skin	medium	-
<input type="checkbox"/> *Fruit: colour of skin	greenish brown	-
<input type="checkbox"/> Fruit: adherence of skin to flesh	medium	-
<input type="checkbox"/> *Fruit: colour of outer pericarp	medium yellow	medium yellow
<input type="checkbox"/> *Fruit: colour of locules	medium yellow	medium yellow
<input type="checkbox"/> *Fruit: width of core relative to fruit	small to medium	-
<input type="checkbox"/> *Fruit: general shape of core in cross section	transverse elliptic	-
<input type="checkbox"/> *Fruit: colour of core	yellow white	-
<input type="checkbox"/> Fruit: sweetness	medium	-
<input type="checkbox"/> Fruit: acidity	high	-
<input type="checkbox"/> *Time of: vegetative bud burst	early	-
<input type="checkbox"/> *Time of: beginning of flowering	medium	-
<input type="checkbox"/> *Time of: maturity for harvest	early	early

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2012	Granted	'AC1536'
USA	2013	Granted	'AC1536'

First sold in Italy in May 2014.

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

<b>Details of Application</b>					
<b>Application Number</b>	2018/009				
<b>Variety Name</b>	'Streeton'				
<b>Genus Species</b>	<i>Linum usitatissimum</i>				
<b>Common Name</b>	Linseed				
<b>Synonym</b>	Nil				
<b>Accepted Date</b>	01 Mar 2018				
<b>Applicant</b>	Austgrains Pty Ltd, Moree, NSW.				
<b>Agent</b>	Christopher Arnold Bluett, Buninyong, VIC.				
<b>Qualified Person</b>	Christopher Bluett				
<b>Details of Comparative Trial</b>					
<b>Location</b>	Buninyong, Victoria				
<b>Descriptor</b>	Linseed ( <i>Linum usitatissimum</i> ) TG/57/7				
<b>Period</b>	Spring and early summer 2017-18				
<b>Conditions</b>	Spring and summer rainfall were adequate for trial growth but it was watered twice when conditions were drier than desirable.				
<b>Trial Design</b>	4 Replicate randomised complete block				
<b>Measurements</b>	Plant height, flower parameters, seed and boll parameters				
<b>RHS Chart - edition</b>	N/A				
<b>Origin and Breeding</b>					
Controlled pollination: parents crossed in glasshouse by male sterilising maternal parent and hand pollinating from male parent. Early generations grown in rows in the field and selections made, and allocation of an LM number (L = linseed & M is the year letter). Selections built up until enough seed for several years of field trials in larger plots. Breeder: P. Salisbury, Victorian Department of Agriculture.					
<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	blue			
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
<b>Name</b>		<b>Comments</b>			
'Croxtton'		'Croxtton' has been the commonest linseed variety grown in SW Victoria for several decades.			
<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>
'Glenelg'	flower	colour	blue	white	'Glenelg' is a popular variety in some linseed growing areas of Australia but its flower colour is white.

**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>'Streeton'</b>	<b>'Croxtan'</b>
<input type="checkbox"/> Petal: colour of crown at bud stage	violet	blue violet
<input type="checkbox"/> *Time of: beginning of flowering	medium	medium
<input type="checkbox"/> Corolla: arrangement of petals	intermediate	overlapping
<input type="checkbox"/> *Corolla: colour	light blue	medium blue
<input type="checkbox"/> Flower: size of corolla	medium	medium
<input type="checkbox"/> Flower: shape of corolla heart (excluding varieties with corolla color: white)	pentagonal	circular
<input type="checkbox"/> Petal: length	medium	medium
<input checked="" type="checkbox"/> Petal: width	medium	broad
<input type="checkbox"/> Petal: ratio length/width	medium	moderately compressed to medium
<input type="checkbox"/> Stamen: colour of distal part of filament	white	white
<input type="checkbox"/> Stamen: colour of basal part of filament	white	white
<input type="checkbox"/> *Anther: colour	bluish	bluish
<input checked="" type="checkbox"/> *Style: colour	white with a blue point at base	blue
<input type="checkbox"/> Plant: natural height	medium	medium
<input checked="" type="checkbox"/> *Stem: length from cotyledon scar to first branch	long	medium
<input checked="" type="checkbox"/> Stem: length from cotyledon scar to top boll	long	short to medium

**Prior Applications and Sales:**

Nil

Description: **Christopher Arnold Bluett**, HRZ Consulting, Buninyong, VIC.

<b>Details of Application</b>					
<b>Application Number</b>	2018/008				
<b>Variety Name</b>	'McCubbin'				
<b>Genus Species</b>	<i>Linum usitatissimum</i>				
<b>Common Name</b>	Linseed				
<b>Synonym</b>	Nil				
<b>Accepted Date</b>	28 Feb 2018				
<b>Applicant</b>	Austgrains Pty Ltd, Moree, NSW.				
<b>Agent</b>	Christopher Arnold Bluett, Buninyong, VIC.				
<b>Qualified Person</b>	Christopher Bluett				
<b>Details of Comparative Trial</b>					
<b>Location</b>	Buninyong, Victoria				
<b>Descriptor</b>	Linseed ( <i>Linum usitatissimum</i> ) TG/57/7				
<b>Period</b>	Spring and early summer 2017-18				
<b>Conditions</b>	Spring and summer rainfall were adequate for trial growth but it was watered twice when conditions were drier than desirable.				
<b>Trial Design</b>	4 Replicate randomised complete block				
<b>Measurements</b>	Plant height, flower parameters, seed and boll parameters				
<b>RHS Chart - edition</b>	N/A				
<b>Origin and Breeding</b>					
Controlled pollination: parents crossed in glasshouse by male sterilising maternal parent and hand pollinating from male parent. Early generations grown in rows in the field and selections made, and allocation of an LM number (L = linseed & M is the year letter). Selections built up until enough seed for several years of field trials in larger plots. Breeder: P. Salisbury, Victorian Department of Agriculture.					
<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	blue			
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
<b>Name</b>		<b>Comments</b>			
'Croxtton'		Croxtton has been the commonest linseed variety grown in SW Victoria for several decades.			
<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>
'Glenelg'	flower	colour	blue	white	'Glenelg' is a popular variety in some linseed growing areas of Australia but its flower colour is white.

**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>'McCubbin'</b>	<b>'Croxtan'</b>
<input type="checkbox"/> Petal: colour of crown at bud stage	blue violet	blue violet
<input type="checkbox"/> *Time of: beginning of flowering	medium to late	medium
<input type="checkbox"/> Corolla: arrangement of petals	intermediate	overlapping
<input type="checkbox"/> *Corolla: colour	light blue	medium blue
<input type="checkbox"/> Flower: size of corolla	medium	medium
<input type="checkbox"/> Flower: shape of corolla heart (excluding varieties with corolla color: white)	circular	circular
<input type="checkbox"/> Petal: length	medium	medium
<input checked="" type="checkbox"/> Petal: width	medium	broad
<input type="checkbox"/> Petal: ratio length/width	medium	medium
<input type="checkbox"/> Stamen: colour of distal part of filament	white	white
<input type="checkbox"/> Stamen: colour of basal part of filament	white	white
<input checked="" type="checkbox"/> *Anther: colour	greyish	bluish
<input type="checkbox"/> *Style: colour	blue	blue
<input type="checkbox"/> Plant: natural height	medium to tall	medium
<input type="checkbox"/> *Stem: length from cotyledon scar to first branch	medium	medium
<input type="checkbox"/> Stem: length from cotyledon scar to top boll	short to medium	short to medium

**Prior Applications and Sales:**

Nil

Description: **Christopher Arnold Bluett**, HRZ Consulting, Buninyong, VIC.

<b>Details of Application</b>		
<b>Application Number</b>	2017/124	
<b>Variety Name</b>	'STIRLING'	
<b>Genus Species</b>	<i>Medicago sativa</i>	
<b>Common Name</b>	Lucerne	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	24 Jul 2017	
<b>Applicant</b>	Alpha Group Consulting Pty Ltd, Keith, SA	
<b>Agent</b>	N/A	
<b>Qualified Person</b>	James De Barro	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Keith, South Australia	
<b>Descriptor</b>	UPOV TG/6/5	
<b>Period</b>	2017-2018	
<b>Conditions</b>	Soil type was sand over limestone. Variety and comparators were sown in June 2017 and established under seasonal rainfall. Irrigation commenced in November 2017. Trial was sub surface irrigated using underground water with salinity >9000ppm.	
<b>Trial Design</b>	Variety and comparators were sown at 10cm spacings in parallel rows 1 m apart. Each row was divided into replicates of 20 plants.	
<b>Measurements</b>	Measurements were taken of flowering timing, height at full flower, flower colour, pod set and natural height after the first equinox following seeding.	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Open pollination: The original majority parent was a single 'Aurora' plant identified in a commercial field exhibiting an obvious trait of increased physical size and pod set. Seed from this plant was sown in 2009 along with a small percentage of FG9T97 in an open pollinated polycross planting. In 2010 seed was harvested from 'Aurora' plants exhibiting desirable traits of height and pod set. This seed was sown in 2010 and a similar selection/planting regime was continued annually between 2011 and 2015. Breeder: James De Barro, Alpha Group Consulting Pty Ltd, Keith, SA.		
<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	tendency to grow during winter	dormancy grouping 8
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Eureka'	dormancy grouping 8	
'Hallmark'	dormancy grouping 8	
'Aquarius'	dormancy grouping 8	
'Aurora'	'Aurora' was the seed parent and was included on that basis although the winter dormancy rating is 6.	

**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	‘STIRLING’	‘Aquarius’	‘Aurora’	‘Eureka’	‘Hallmark’
<input type="checkbox"/> Plant: growth habit in autumn of the first year	semi erect	erect	semi erect	semi erect	semi erect
<input type="checkbox"/> *Plant: natural height 2 weeks after the first autumn equinox following sowing	medium	tall to very tall	medium to tall	medium	medium
<input type="checkbox"/> *Plant: natural height 6 weeks after the first autumn equinox following sowing	medium	medium	medium to tall	medium	medium
<input checked="" type="checkbox"/> *Time of: beginning of flowering	early	late	late	medium	medium
<input type="checkbox"/> *Flower: frequency of plants with very dark blue violet flowers	low	medium	high to very high	low to medium	low
<input type="checkbox"/> *Flower: frequency of plants with variegated flowers	absent or very low				
<input type="checkbox"/> *Flower: frequency of plants with cream, white or yellow flowers	absent or very low				
<input type="checkbox"/> *Stem: length of the longest stem at full flowering	medium	medium	medium to long	medium	medium
<input type="checkbox"/> *Plant: tendency to grow during winter	dormancy rating 8	dormancy rating 8	dormancy rating 6	dormancy rating 8	dormancy rating 8
<input type="checkbox"/> Resistane to: <i>Ditylenchus dipsaci</i>	low	high	-	-	-
<input type="checkbox"/> Resistance to: <i>Colletotrichum trifolii</i>	low	very low	medium to high	-	-
<input type="checkbox"/> Resistance to: <i>Phytophthora medicaginis</i>	high	very high	high	-	-
<input type="checkbox"/> Resistance to: <i>Acyrtosiphon kondoi</i>	high to very high	-	very high	-	-
<b>Characteristics Additional to the Descriptor/TG</b>					
Organ/Plant Part: Context	‘STIRLING’	‘Aquarius’	‘Aurora’	‘Eureka’	‘Hallmark’
<input checked="" type="checkbox"/> Plant: number of stems with pods	high	low to medium	low to medium	low	low to medium

<input type="checkbox"/> Resistance to: <i>Acrythosiphon pisum</i>	low	-	-	-	-
<input type="checkbox"/> Resistance to: <i>Clavibacter michiganensis</i> subsp. <i>insidiosus</i>	resistant	-	-	-	-
<b>Statistical Table</b>					
<b>Organ/Plant Part: Context</b>	<b>‘STIRLING’</b>	<b>‘Aquarius’</b>	<b>‘Aurora’</b>	<b>‘Eureka’</b>	<b>‘Hallmark’</b>
<input checked="" type="checkbox"/> Time of: beginning of flowering					
Mean	25.17	33.48	32.10	28.77	28.87
Std. Deviation	2.88	7.08	7.07	6.61	6.32
LSD/sig	2.74	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: number of stem with pods					
Mean	26.72	21.00	20.87	16.28	22.90
Std. Deviation	7.03	5.93	6.65	6.36	7.18
LSD/sig	3.16	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: natural height 2 weeks after the first equinox following sowing					
Mean	35.60	32.00	31.55	34.85	33.25
Std. Deviation	6.88	5.40	5.85	5.75	5.51
LSD/sig	4.6	ns	ns	ns	ns
<input type="checkbox"/> Plant: natural height 6 weeks after the first equinox following sowing					
Mean	40.95	40.50	35.05	38.60	37.10
Std. Deviation	5.15	5.74	10.60	9.97	6.18
LSD/sig	6.59	ns	ns	ns	ns
<input type="checkbox"/> Stem: length of the longest stem at full flowering					
Mean	23.43	21.85	23.23	23.03	22.84
Std. Deviation	4.11	2.79	4.61	4.84	2.93
LSD/sig	1.86	ns	ns	ns	ns

**Prior Applications and Sales:**

Nil.

Description: **James De Barro**, Keith, SA.

<b>Details of Application</b>	
<b>Application Number</b>	2017/095
<b>Variety Name</b>	'MCT1'
<b>Genus Species</b>	<i>Macadamia integrifolia</i>
<b>Common Name</b>	Macadamia
<b>Synonym</b>	M407
<b>Accepted Date</b>	21 Aug 2017
<b>Applicant</b>	Macadamia Conservation Trust, Lismore, NSW
<b>Agent</b>	Bruce Topp, Nambour, QLD
<b>Qualified Person</b>	Bruce Topp
<b>Details of Comparative Trial</b>	
<b>Location</b>	Bundaberg region. Specifically DeCortes Road, Welcome Creek, QLD
<b>Descriptor</b>	Macadamia (UPOV TG/111/4)
<b>Period</b>	2017
<b>Conditions</b>	Trial trees were propagated by grafting and field planted in 2010. The trial site was prepared and managed using industry standard practice which included herbicide weed control along the rows and mowing between rows, under-tree irrigation, fertilising and pest and disease control as required. Tree spacing was 8m between rows and 4m between trees within the row.
<b>Trial Design</b>	The design was a randomised complete block with 6 tree plots and 4 blocks. There were seven rows of datum trees and two rows of guard trees. Guard trees were also planted at the end of each datum row.
<b>Measurements</b>	Trees were measured annually for trunk circumference and yield once fruiting commenced. In 2017 and 2018 PBR data was collected on vegetative and reproductive traits as per the UPOV guidelines.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Open Pollination: Mr Calvin Winks of the Queensland DPI (now DAF) provided 220 seedling trees to Mr Ian McConachie. The seedling trees were grown from open pollinated nuts collected by Mr Winks from a number of genotypes. The trees were planted in 1982. Mr McConachie managed the trees in a field trial at his property at Wolvi, QLD. He selected superior trees from this segregating population based on characteristics including shell thickness, kernel size, colour and quality, yield and the tree growth habit and height. He culled inferior trees from this population on a biennial basis and recorded performance data. He made the final selection of 23 trees and propagated them and planted them at his Wolvi, QLD orchard in about 1989. Of the 23 selections only 3 were chosen for larger scale testing on the Wolvi, QLD orchard. One of these was 'MCT1'. Breeder: Mr Ian McConachie, Pie Creek, QLD.</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>
Leaf	petiole	present
Shell	texture of surface	smooth
Inflorescence	colour	white
Branch	number of leaves per whorl	three
Shell	speckles	present
Nut	total kernel recovery defined as ratio of kernel to nut-in-shell weight (expressed as percentage)	greater than 40%
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘HAES 816’	A high yielding cultivar bred by the Hawaiian Agriculture Experiment Station (HAES). It is grown commercially in Australia.	
‘A16’	A precocious, high yielding cultivar bred by Hidden Valley Plantations and grown commercially in Australia. It was one of the first cultivars granted PBR.	

**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>‘MCT1’</b>	<b>‘A16’</b>	<b>‘HAES 816’</b>
<input checked="" type="checkbox"/> Tree: growth habit	spreading	upright to spreading	upright
<input checked="" type="checkbox"/> Tree: height	medium	short	tall
<input checked="" type="checkbox"/> Tree: angle of primary branches	intermediate	intermediate	acute
<input checked="" type="checkbox"/> Tree: density of foliage	dense	medium	medium
<input checked="" type="checkbox"/> Stem: texture of surface	smooth	medium	rough
<input type="checkbox"/> Branch: number of leaves per whorl	three	three	three
<input type="checkbox"/> Leaf: petiole	present	present	present
<input checked="" type="checkbox"/> Petiole: length	medium	medium	long
<input type="checkbox"/> Leaf: conspicuousness of secondary veins	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: length	medium	short	medium
<input checked="" type="checkbox"/> Leaf blade: width	medium	medium	broad
<input type="checkbox"/> Leaf blade: shape	oblanceolate	oblanceolate	oblanceolate
<input checked="" type="checkbox"/> Leaf blade: tip	none	mucronate	none
<input checked="" type="checkbox"/> Leaf blade: shape of apex excluding tip	acute	obtuse	obtuse
<input type="checkbox"/> Leaf blade: shape of base	acute	acute	acute

<input checked="" type="checkbox"/>	Leaf blade: undulation of margin	medium	very weak	weak
<input type="checkbox"/>	Leaf blade: depth of incisions of margin	shallow	shallow	shallow
<input checked="" type="checkbox"/>	Leaf blade: number of spines on margin	medium	few to medium	absent or very few
<input type="checkbox"/>	Young leaf blade: colour	green	green	green
<input checked="" type="checkbox"/>	Leaf blade: intensity of colour on upper side	medium	medium	light
<input checked="" type="checkbox"/>	Inflorescence: length	medium	long	long
<input type="checkbox"/>	Inflorescence: density of flowers	medium	medium	medium
<input type="checkbox"/>	Inflorescence: colour	white	white	white
<input type="checkbox"/>	Husk: size of neck	medium	medium	medium
<input type="checkbox"/>	Husk: size of apical point	medium	medium	medium
<input checked="" type="checkbox"/>	Husk: thickness of pericarp	thin	medium to thick	medium
<input type="checkbox"/>	Shell: size	medium	medium	medium
<input checked="" type="checkbox"/>	Shell: shape	circular	ovate	circular
<input type="checkbox"/>	Shell: texture of surface	smooth	smooth	smooth
<input checked="" type="checkbox"/>	Shell: thickness	thin	thin	thin to medium
<input checked="" type="checkbox"/>	Shell: conspicuousness of suture	weak	strong	strong
<input type="checkbox"/>	Kernel: size	medium	medium to large	medium to large
<input type="checkbox"/>	Kernel: colour	white	white	white
<input type="checkbox"/>	Kernel: micropyle	closed	closed	closed
<input type="checkbox"/>	Kernel: length	medium	medium	medium
<input type="checkbox"/>	Kernel: width	medium	medium	medium

#### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MCT1'	'A16'	'HAES 816'
<input checked="" type="checkbox"/> Tree: time of nut drop	mid-late	late	early
<input type="checkbox"/> Shell: speckles	present	present	present

#### Statistical Table

Organ/Plant Part: Context	'MCT1'	'A16'	'HAES 816'
<input checked="" type="checkbox"/> Petiole: length (mm)			
Mean	10.86	8.69	14.28
Std. Deviation	1.85	1.26	2.29
LSD/sig	0.73	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	153.60	116.67	130.19

Std. Deviation	22.80	17.13	17.64
LSD/sig	14.21	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: width (mm)			
Mean	48.80	51.50	53.06
Std. Deviation	33.20	22.54	32.34
LSD/sig	33.42	ns	ns
<input checked="" type="checkbox"/> Leaf: number of spines on margin (spines/leaf)			
Mean	25.03	7.92	0.67
Std. Deviation	7.61	5.83	1.35 s
LSD/sig	3.16	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Kernel: weight (g)			
Mean	3.99	3.31	3.19
Std. Deviation	0.46	2.80	3.45
LSD/sig	0.40	P≤0.01	P≤0.01
<input type="checkbox"/> Kernel: total kernel recovery (ratio of kernel to nut-in-shell weight) %			
Mean	45.70	43.40	44.54
Std. Deviation	1.88	1.86	3.00
LSD/sig	2.27	ns	ns
<input checked="" type="checkbox"/> Shell: nut-in-shell weight (g)			
Mean	8.71	7.62	7.14
Std. Deviation	0.73	0.51	0.41
LSD/sig	0.61	P≤0.01	P≤0.01
<input type="checkbox"/> Shell: minimum thickness at equator (mm)			
Mean	1.39	1.64	1.63
Std. Deviation	0.28	0.23	0.26
LSD/sig	0.17	ns	ns
<input checked="" type="checkbox"/> Inflorescence: length of raceme (mm)			
Mean	162.00	219.70	212.90
Std. Deviation	18.17	35.18	32.96
LSD/sig	18.80	P≤0.01	P≤0.01

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

Nil.

Description: **Bruce Topp**, Nambour, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2014/073
<b>Variety Name</b>	'G-4'
<b>Genus Species</b>	<i>Zoysia matrella</i>
<b>Coon Name</b>	Manila Grass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Jun 2014
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD.
<b>Agent</b>	N/A
<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 to 13 Nov 2015
<b>Conditions</b>	Vegetative plugs established in 95 x 95mm 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 ('G-4', 'G-10', 'Facet') plus 3 additional <i>Z. matrella</i> cultivars ('GZ-022', 'A-1', 'Cavalier') 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>	Foliar stiffness determined 28 Sep 2015. 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)

**Origin and Breeding**

Clonal selection: 'G-4' was selected from a breeding population of 40 seedling *Z. matrella* plants from various parts of Southeast Asia (Japan, China, Korea, Vietnam and Thailand). The original plants were vegetatively propagated and evaluated first in pots. Two promising fine-textured genotypes were selected from the breeding population based on their colour quality (dark green) and expanded to field plantings in 2004 at Sheldon (QLD) where they were evaluated against existing *Z. matrella* and *Z. japonica x matrella* hybrid cultivars under mowing heights from 10 to 25 mm and under shade levels ranging from 20 to 80%. From 2008 onwards, observations and testing continued in Queensland at Alexandra Hills and Gordonvale, with extensions to Rochedale (2009-10) and Boyland (2010-14). 'G-4' from Vietnam was selected for release on the basis of its superior dark green turf colour, its soft leaves, its low thatch development, and its turf quality under mowing together with its low mowing requirement shown consistently throughout the 10-year trial period. Its shade tolerance is outstanding as shown by its ability to maintain density in the mown sward under greatly reduced light levels. 'G-4' also differed from the Vietnamese seed source material, which was light green in colour, medium textured (coarser), and produced stiffer, less pliable 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 Coon Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	length	very short to short
Leaf	width	very narrow to narrow

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

Name	Comments
'Facet'	U.S. Plant Patent 10636 granted 6 Oct 1998. Australian application no. 2001/200; granted 08 Aug 2001
'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
'A-1'	Leaf	length	short	long	Australian application no. 2008/091; granted 16 Dec 2008
'A-1'	Leaf	width	very narrow	broad	
'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	very narrow	very broad	

**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	'G-4'	'Facet'	'G-10'
<input checked="" type="checkbox"/> Plant: height	very short	very short	short
<input checked="" type="checkbox"/> Plant: width	narrow	very narrow	medium
<input type="checkbox"/> Plant: density	very dense	very dense	very 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	very many	very many	very many
<input type="checkbox"/> Stolon: length of internode	very short	very short	very short
<input type="checkbox"/> Stolon: width of internode	very narrow	very narrow	very narrow
<input type="checkbox"/> Stolon: colour where exposed to the sun (RHS)	N79A	N79A	N79A
<input type="checkbox"/> Stolon: anthocyanin coloration of leaf sheath	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Stolon: length of outer leaf sheath	very short	very short to short	very short
<input type="checkbox"/> Stolon: hairiness of leaf sheath	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	short	very short	very short to short
<input type="checkbox"/> Culm: width	very narrow to narrow	very narrow	very narrow
<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	very short to short	very short	very short
<input type="checkbox"/> Culm: flag leaf blade length	very short to short	very short to short	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 type="checkbox"/> Culm: leaf sheath length (3rd leaf fertile tiller)	very short	very short	very short
<input checked="" type="checkbox"/> Culm: leaf blade length (3rd leaf fertile tiller)	short	very short	very short
<input checked="" type="checkbox"/> Culm: leaf blade width (3rd leaf fertile tiller)	very narrow	narrow to medium	narrow
<input type="checkbox"/> Culm: leaf sheath length (vegetative tiller)	very short	very short	very short

<input checked="" type="checkbox"/> Culm: leaf blade length (vegetative tiller)	short	very short	short
<input checked="" type="checkbox"/> Culm: leaf blade width (vegetative tiller)	very narrow	narrow	narrow
<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 checked="" type="checkbox"/> Leaf: colour (RHS)	137A	137A	146A
<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	very short to short	very short to short	very short
<input type="checkbox"/> Peduncle: width	very narrow to narrow	very narrow	very narrow
<input type="checkbox"/> Inflorescence: spikelet density	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/> Inflorescence: length	very short	very short	very short
<input type="checkbox"/> Inflorescence: number of spikelets	very few	very few	very few
<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

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

<b>Organ/Plant Part: Context</b>	<b>'G-4'</b>	<b>'Facet'</b>	<b>'G-10'</b>
<input type="checkbox"/> Leaf: leaf blade vernation	rolled	rolled	rolled
<input checked="" type="checkbox"/> Plant: stiffness of foliage	very soft	medium	medium
<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'G-4'</b>	<b>'Facet'</b>	<b>'G-10'</b>
<input checked="" type="checkbox"/> Plant: maximum height of sward 241 days after planting (mm)			
Mean	112.63	108.43	132.70
Std. Deviation	17.38	15.84	17.31
LSD/sig	17.00	ns	P≤0.01

<input checked="" type="checkbox"/>	Plant: maximum diameter of lateral spread 247 days after planting (cm)		
Mean	116.30	85.83	138.04
Std. Deviation	19.45	17.66	23.84
LSD/sig	14.00	P≤0.01	P≤0.01
<input type="checkbox"/>	Stolon: total number of branches on nodes 2-6		
Mean	14.77	14.43	13.87
Std. Deviation	4.81	3.43	3.44
LSD/sig	3.17	ns	ns
<input type="checkbox"/>	Stolon: length of internode #4 (mm)		
Mean	13.40	13.40	14.90
Std. Deviation	3.30	2.50	2.96
LSD/sig	4.60	ns	ns
<input type="checkbox"/>	Stolon: diameter of internode #4 (mm)		
Mean	1.22	1.15	1.16
Std. Deviation	0.14	0.13	0.08
LSD/sig	0.10	ns	ns
<input type="checkbox"/>	Stolon: length of outer leaf sheath at node #4 (mm)		
Mean	9.07	9.70	9.13
Std. Deviation	1.78	1.53	1.57
LSD/sig	1.52	ns	ns
<input type="checkbox"/>	Vegetative tiller: length of sheath on 4th leaf (mm)		
Mean	8.71	8.54	8.76
Std. Deviation	1.90	2.52	2.68
LSD/sig	2.13	ns	ns
<input checked="" type="checkbox"/>	Vegetative tiller: length of blade on 4th leaf (mm)		
Mean	34.75	27.58	34.68
Std. Deviation	4.77	3.45	4.69
LSD/sig	6.56	P≤0.01	ns
<input checked="" type="checkbox"/>	Vegetative tiller: width of blade on 4th leaf (mm)		
Mean	0.65	0.94	0.86
Std. Deviation	0.12	0.18	0.13
LSD/sig	0.21	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Vegetative tiller: length:width ratio of blade on 4th leaf		
Mean	54.31	30.24	40.99
Std. Deviation	8.43	6.54	7.20
LSD/sig	6.44	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Fertile tiller: length (mm)		
Mean	82.40	70.07	76.90
Std. Deviation	14.53	8.94	9.70
LSD/sig	11.66	P≤0.01	ns
<input type="checkbox"/>	Fertile tiller: length of internode #4 (mm)		
Mean	5.80	6.07	5.93

Std. Deviation	1.79	1.74	1.80
LSD/sig	3.40	ns	ns
<input type="checkbox"/> Fertile tiller: diameter of internode #4 (mm)			
Mean	0.35	0.31	0.31
Std. Deviation	0.05	0.06	0.05
LSD/sig	0.07	ns	ns
<input type="checkbox"/> Fertile tiller: length of sheath on flag leaf (mm)			
Mean	15.23	14.20	13.07
Std. Deviation	1.55	1.71	2.72
LSD/sig	2.49	ns	ns
<input type="checkbox"/> Fertile tiller: length of flag leaf blade			
Mean	2.07	1.97	1.90
Std. Deviation	1.41	0.81	0.92
LSD/sig	1.05	ns	ns
<input type="checkbox"/> Fertile tiller: length of sheath on 4th leaf (mm)			
Mean	8.63	7.47	8.23
Std. Deviation	1.77	1.72	2.21
LSD/sig	2.29	ns	ns
<input checked="" type="checkbox"/> Fertile tiller: length of blade on 4th leaf (mm)			
Mean	30.60	24.87	24.47
Std. Deviation	5.51	4.05	3.48
LSD/sig	5.15	P<0.01	P<0.01
<input checked="" type="checkbox"/> Fertile tiller: width of blade on 4th leaf (mm)			
Mean	0.54	0.84	0.74
Std. Deviation	0.09	0.13	0.19
LSD/sig	0.22	P<0.01	ns
<input checked="" type="checkbox"/> Fertile tiller: length:width ratio of blade on 4th leaf			
Mean	57.97	30.45	34.89
Std. Deviation	9.87	7.08	9.44
LSD/sig	9.03	P<0.01	P<0.01
<input type="checkbox"/> Peduncle: length (mm)			
Mean	16.47	18.67	13.13
Std. Deviation	5.33	4.77	4.26
LSD/sig	6.95	ns	ns
<input checked="" type="checkbox"/> Peduncle: diameter (mm)			
Mean	0.29	0.22	0.24
Std. Deviation	0.04	0.05	0.03
LSD/sig	0.06	P<0.01	ns
<input type="checkbox"/> Inflorescence: length (mm)			
Mean	10.63	9.90	9.93
Std. Deviation	0.76	0.84	1.05
LSD/sig	1.11	ns	ns

<input type="checkbox"/> Inflorescence: number of spikelets			
Mean	8.73	8.67	7.97
Std. Deviation	0.64	1.15	0.93
LSD/sig	1.22	ns	ns
<input type="checkbox"/> Inflorescence: number of spikelets per cm			
Mean	8.23	8.75	8.03
Std. Deviation	0.52	0.83	0.60
LSD/sig	0.56	ns	ns

**Prior Applications and Sales:**

Nil

Description: **Dr Donald S. Loch**, Alexandra Hills & **C.M. Zorin**, Birkdale, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2015/158
<b>Variety Name</b>	'G-10'
<b>Genus Species</b>	<i>Zoysia matrella</i>
<b>Coon Name</b>	Manila Grass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	28 Jul 2015
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD.
<b>Agent</b>	N/A
<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 to 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 ('G-4', G-10', 'Facet') plus 3 additional <i>Z. matrella</i> cultivars ('GZ-022'™, 'A-1', 'Cavalier') 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>	Foliar stiffness determined 28 Sep 2015. 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: ‘G-10’ was selected from a breeding population of 40 seedling *Z. matrella* plants from various parts of Southeast Asia (Japan, China, Korea, Vietnam and Thailand). The original plants were vegetatively propagated and evaluated first in pots. Two promising fine-textured genotypes were selected from the breeding population based on their colour quality (mid- to dark green) and expanded to field plantings in 2004 at Sheldon (QLD) where they were evaluated against existing *Z. matrella* and *Z. japonica* x *Z. matrella* hybrid cultivars under mowing heights from 10 to 25 mm and under shade levels ranging from 20 to 80%. From 2008 onwards, observations and testing continued in Queensland at Alexandra Hills and Gordonvale, with extensions to Rochedale (2009-10) and Boyland (2010-14). ‘G-10’ from Vietnam was selected from the original breeding population on the basis of its vibrant mid- to dark green turf colour, low seed head production, and its turf quality under mowing together with its low mowing requirement shown consistently throughout the 10-year trial period. Its shade tolerance is outstanding as shown by its ability to maintain density in the mown sward under greatly reduced light levels. ‘G-10’ also differed from the Vietnamese seed source material, which was light green in colour, medium textured (coarser), and produced stiffer, less pliable 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 Coon Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	length	very short to short
Leaf	width	very narrow to narrow

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

Name	Comments
‘Facet’	U.S. Plant Patent 10636 granted 6 Oct 1998. Australian application no. 2001/200; granted 08 Aug 2001
‘G-4’	Another candidate <i>Zoysia matrella</i> variety (application no. 2014/073)

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘A-1’	Leaf	length	short	long	Australian application no. 2008/091; granted 16 Dec 2008
‘A-1’	Leaf	width	narrow	broad	
‘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.**

Organ/Plant Part: Context	'G-10'	'Facet'	'G-4'
<input checked="" type="checkbox"/> Plant: height	short	very short	very short
<input checked="" type="checkbox"/> Plant: width	medium	very narrow	narrow
<input type="checkbox"/> Plant: density	very dense	very dense	very 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	very many	very many	very many
<input type="checkbox"/> Stolon: length of internode	very short	very short	very short
<input type="checkbox"/> Stolon: width of internode	very narrow	very narrow	very narrow
<input type="checkbox"/> Stolon: colour where exposed to the sun (RHS)	N79A	N79A	N79A
<input type="checkbox"/> Stolon: anthocyanin coloration of leaf sheath	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Stolon: length of outer leaf sheath	very short	very short to short	very short
<input type="checkbox"/> Stolon: hairiness of leaf sheath	absent	absent	absent
<input type="checkbox"/> Culm: length	very short to short	very short	short
<input type="checkbox"/> Culm: width	very narrow	very narrow	very narrow to narrow
<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	very short	very short	very short to short
<input type="checkbox"/> Culm: flag leaf blade length	very short to short	very short to short	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 type="checkbox"/> Culm: leaf sheath length (3rd leaf fertile tiller)	very short	very short	very short
<input checked="" type="checkbox"/> Culm: leaf blade length (3rd leaf fertile tiller)	very short	very short	short
<input checked="" type="checkbox"/> Culm: leaf blade width (3rd leaf fertile tiller)	narrow	narrow to medium	very narrow
<input type="checkbox"/> Culm: leaf sheath length (vegetative tiller)	very short	very short	very short

<input checked="" type="checkbox"/> Culm: leaf blade length (vegetative tiller)	short	very short	short
<input checked="" type="checkbox"/> Culm: leaf blade width (vegetative tiller)	narrow	narrow	very narrow
<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 checked="" type="checkbox"/> Leaf: colour (RHS)	146A	137A	137A
<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	very short	very short to short	very short to short
<input type="checkbox"/> Peduncle: width	very narrow	very narrow	very narrow to narrow
<input type="checkbox"/> Inflorescence: spikelet density	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/> Inflorescence: length	very short	very short	very short
<input type="checkbox"/> Inflorescence: number of spikelets	very few	very few	very few
<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>'G-10'</b>	<b>'Facet'</b>	<b>'G-4'</b>
<input checked="" type="checkbox"/> Plant: stiffness of foliage	medium	medium	very soft
<input type="checkbox"/> Leaf: leaf blade vernation	rolled	rolled	rolled
<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'G-10'</b>	<b>'Facet'</b>	<b>'G-4'</b>
<input checked="" type="checkbox"/> Plant: maximum height of sward 241 days after planting (mm)			
Mean	132.70	108.43	112.63
Std. Deviation	17.31	15.84	17.38
LSD/sig	17.00	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: maximum diameter of lateral spread 247 days after planting (cm)			
Mean	138.04	85.83	116.30

Std. Deviation	23.84	17.66	19.45
LSD/sig	14.00	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon: total number of branches on nodes 2-6			
Mean	13.87	14.43	14.77
Std. Deviation	3.44	3.43	4.81
LSD/sig	3.17	ns	ns
<input type="checkbox"/> Stolon: length of internode #4 (mm)			
Mean	14.90	13.40	13.40
Std. Deviation	2.96	2.50	3.30
LSD/sig	4.60	ns	ns
<input type="checkbox"/> Stolon: diameter of internode #4 (mm)			
Mean	1.16	1.15	1.22
Std. Deviation	0.08	0.13	0.14
LSD/sig	0.10	ns	ns
<input type="checkbox"/> Stolon: length of outer leaf sheath at node #4 (mm)			
Mean	9.13	9.70	9.07
Std. Deviation	1.57	1.53	1.78
LSD/sig	1.52	ns	ns
<input type="checkbox"/> Vegetative tiller: length of sheath on 4th leaf (mm)			
Mean	8.76	8.54	8.71
Std. Deviation	2.68	2.52	1.90
LSD/sig	2.13	ns	ns
<input checked="" type="checkbox"/> Vegetative tiller: length of blade on 4th leaf (mm)			
Mean	34.68	27.58	34.75
Std. Deviation	4.69	3.45	4.77
LSD/sig	6.56	P≤0.01	ns
<input checked="" type="checkbox"/> Vegetative tiller: width of blade on 4th leaf (mm)			
Mean	0.86	0.94	0.65
Std. Deviation	0.13	0.18	0.12
LSD/sig	0.21	ns	P≤0.01
<input checked="" type="checkbox"/> Vegetative tiller: length:width ratio of blade on 4th leaf			
Mean	40.99	30.24	54.31
Std. Deviation	7.20	6.54	8.43
LSD/sig	6.44	P≤0.01	P≤0.01
<input type="checkbox"/> Fertile tiller: length (mm)			
Mean	76.90	70.07	82.40
Std. Deviation	9.70	8.94	14.53
LSD/sig	11.66	ns	ns
<input type="checkbox"/> Fertile tiller: length of internode #4 (mm)			
Mean	5.93	6.07	5.80
Std. Deviation	1.80	1.74	1.79
LSD/sig	3.40	ns	ns

<input type="checkbox"/> Fertile tiller: diameter of internode #4 (mm)			
Mean	0.31	0.31	0.35
Std. Deviation	0.05	0.06	0.05
LSD/sig	0.07	ns	ns
<input type="checkbox"/> Fertile tiller: length of sheath on flag leaf (mm)			
Mean	13.07	14.20	15.23
Std. Deviation	2.72	1.71	1.55
LSD/sig	2.49	ns	ns
<input type="checkbox"/> Fertile tiller: length of flag leaf blade (mm)			
Mean	1.90	1.97	2.07
Std. Deviation	0.92	0.81	1.41
LSD/sig	1.05	ns	ns
<input type="checkbox"/> Fertile tiller: length of sheath on 4th leaf (mm)			
Mean	8.23	7.47	8.63
Std. Deviation	2.21	1.72	1.77
LSD/sig	2.29	ns	ns
<input checked="" type="checkbox"/> Fertile tiller: length of blade on 4th leaf (mm)			
Mean	24.47	24.87	30.60
Std. Deviation	3.48	4.05	5.51
LSD/sig	5.15	ns	P<0.01
<input type="checkbox"/> Fertile tiller: width of blade on 4th leaf (mm)			
Mean	0.74	0.84	0.54
Std. Deviation	0.19	0.13	0.09
LSD/sig	0.22	ns	ns
<input checked="" type="checkbox"/> Fertile tiller: length:width ratio of blade on 4th leaf			
Mean	34.89	30.45	57.97
Std. Deviation	9.44	7.08	9.87
LSD/sig	9.03	ns	P<0.01
<input type="checkbox"/> Peduncle: length (mm)			
Mean	13.13	18.67	16.47
Std. Deviation	4.26	4.77	5.33
LSD/sig	6.95	ns	ns
<input type="checkbox"/> Peduncle: diameter (mm)			
Mean	0.24	0.22	0.29
Std. Deviation	0.03	0.05	0.04
LSD/sig	0.06	ns	ns
<input type="checkbox"/> Inflorescence: length (mm)			
Mean	9.93	9.90	10.63
Std. Deviation	1.05	0.84	0.76
LSD/sig	1.11	ns	ns
<input type="checkbox"/> Inflorescence: number of spikelets			
Mean	7.97	8.67	8.73

Std. Deviation	0.93	1.15	0.64
LSD/sig	1.22	ns	ns
<input checked="" type="checkbox"/> Inflorescence: number of spikelets per cm			
Mean	8.03	8.75	8.23
Std. Deviation	0.60	0.83	0.52
LSD/sig	0.56	P $\leq$ 0.01	ns

**Prior Applications and Sales:**

Nil

Description: **Dr Donald S. Loch**, Alexandra Hills & **C.M. Zorin**, Birkdale, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2017/255
<b>Variety Name</b>	'CannBio-4'
<b>Genus Species</b>	<i>Cannabis sativa</i>
<b>Common Name</b>	Medicinal Cannabis
<b>Synonym</b>	Nil
<b>Accepted Date</b>	20 Oct 2017
<b>Applicant</b>	Agriculture Victoria Services Pty Ltd, AgriBio, Centre for AgriBiosciences, 5 Ring Road, Bundoora, Victoria 3083
<b>Agent</b>	N/A
<b>Qualified Person</b>	Noel Cogan
<b>Details of Comparative Trial</b>	
<b>Location</b>	Undisclosed Secure Government Facility
<b>Descriptor</b>	Hemp ( <i>Cannabis sativa</i> ) UPOV TG/276/1
<b>Period</b>	01 Jun 2018 - 01 Oct 2018
<b>Conditions</b>	The trial was transplanted into coir slabs in an indoor facility. Plants were never stressed for water or nutrients. There was no disease or insect pests in the crop so no fungicides or insecticides were applied. The plants were taken from cuttings and grown in an initial vegetative until c. 30 cm in height. Following on from that the plants were induced into flowering by short day lengths.
<b>Trial Design</b>	Randomised block design with two replications was established on indoor benches, with each block containing 40 plants per variety. Hemp cultivar 'Farnsfield' was included as a variety of common knowledge as a comparator. A total of 2 other varieties of common knowledge from the same breeding program was also included.
<b>Measurements</b>	10 measurements per block for each trait
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Single Plant Selection: A variety of seeds were obtained from a legal source in Canada. The seeds were imported under TGA, DEDJTR and DAWR regulations. Once released from quarantine the seeds were germinated and grown under controlled conditions, where cuttings were taken. The cuttings were then screened with DNA markers for predictive chemotype along with sex markers. Only female plants were taken forward. Whilst retaining a copy of the plant under vegetative conditions the clonal cuttings of the plants were transferred to a secure flower induction room with controlled conditions and reduced day-length. Once flowering the plants were visually assessed for stature and yield of female flowers. The plants were then harvested upon the stigmas yellowing, dried and the flowers removed and samples were taken for comprehensive chemical analysis. Using appropriate standards of the known compounds and approved protocols the mg / g of dried female flowers was identified for a range of the optimal strains that were selected at this stage. After the chemical analysis was complete optimal plant strains were identified for selected chemotypic profiles. 'Cannbio-4' was selected as an optimal strain for THC production. Breeder: Noel Cogan and Larry Jewell, Department of Jobs, Precincts and Regions, Melbourne, Vic.</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	proportion of female plants	high
Plant	proportion of monoecious plants	low
Plant	natural height	very short to short
Main stem	thickness	thick
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Cannbio-2’	Originated from the same breeding program	
‘Cannbio-3’	Originated from the same breeding program	
‘Farnsfield’	Comparative hemp variety used for benchmarking	

**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>‘Cannbio-4’</b>	<b>‘CannBio-2’</b>	<b>‘Cannbio-3’</b>	<b>‘Farnsfield’</b>
<input checked="" type="checkbox"/> Plant: intensity of anthocyanin colouration of crown	strong to very strong	strong to very strong	medium	absent or very weak
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: anthocyanin colouration of petiole	very strong	very strong	very strong	absent or very weak
<input type="checkbox"/> *Leaf: number of leaflets	medium	medium	medium	medium
<input type="checkbox"/> Central leaflet: length	very short to short	short	short	short
<input type="checkbox"/> Central leaflet: width	narrow to medium	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> *Inflorescence: THC content	very high	medium to very high	medium to very high	absent or very low
<input type="checkbox"/> *Plant: proportion of monoecious plants	low	low	low	low
<input type="checkbox"/> *Plant: proportion of female plants	high	high	high	low to medium
<input type="checkbox"/> *Plant: natural height	very short	very short	very short	short

<input type="checkbox"/> *Main stem: colour	yellow	medium green	medium green	medium green
<input type="checkbox"/> Main stem: length of internode	short to medium	short to medium	short to medium	medium to long
<input type="checkbox"/> Main stem: thickness	thick	thick	thick	thick
<input type="checkbox"/> Main stem: depth of grooves	shallow	shallow	shallow	medium
<input type="checkbox"/> Main stem: pith in cross-section	thick	thick	thick	medium

### Statistical Table

Organ/Plant Part: Context	'Cannbio-4'	'CannBio-2'	'Cannbio-3'	'Farnsfield'
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	91.40	116.40	93.45	159.00
Std. Deviation	7.11	9.43	9.24	11.76
LSD/sig	7.7	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: THC content (mg/g)				
Mean	121.50	33.26	41.60	1.05
Std. Deviation	1.41	0.38	2.57	0.02
LSD/sig	25.92	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: width (cm)				
Mean	3.38	3.65	4.01	2.71
Std. Deviation	0.43	0.66	0.34	0.62
LSD/sig	0.44	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: length (cm)				
Mean	13.49	17.18	17.26	18.07
Std. Deviation	1.50	1.87	1.27	1.92
LSD/sig	1.41	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: CBD content (mg/g)				
Mean	0.30	60.63	81.84	31.92
Std. Deviation	0.01	0.65	4.84	0.43
LSD/sig	23.25	P≤0.01	P≤0.01	P≤0.01

### Prior Applications and Sales:

Nil.

Description: Noel Cogan, AgriBio, Centre for AgriBioscience, Bundoora, Vic.

<b>Details of Application</b>	
<b>Application Number</b>	2017/254
<b>Variety Name</b>	'CannBio-3'
<b>Genus Species</b>	<i>Cannabis sativa</i>
<b>Common Name</b>	Medicinal Cannabis
<b>Synonym</b>	Nil
<b>Accepted Date</b>	20 Oct 2017
<b>Applicant</b>	Agriculture Victoria Services Pty Ltd, AgriBio, Centre for AgriBiosciences, 5 Ring Road, Bundoora, Victoria 3083
<b>Agent</b>	N/A
<b>Qualified Person</b>	Noel Cogan
<b>Details of Comparative Trial</b>	
<b>Location</b>	Undisclosed Secure Government Facility
<b>Descriptor</b>	Hemp ( <i>Cannabis sativa</i> ) UPOV TG/276/1
<b>Period</b>	01 Jun 2018 - 01 Oct 2018
<b>Conditions</b>	The trial was transplanted into coir slabs in an indoor facility. Plants were never stressed for water or nutrients. There was no disease or insect pests in the crop so no fungicides or insecticides were applied. The plants were taken from cuttings and grown in an initial vegetative until c. 30 cm in height. Following on from that the plants were induced into flowering by short day lengths.
<b>Trial Design</b>	Randomised block design with two replications was established on indoor benches, with each block containing 40 plants per variety. Hemp cultivar 'Farnsfield' was included as a variety of common knowledge as a comparator. A total of 2 other varieties of common knowledge from the same breeding program was also included.
<b>Measurements</b>	10 measurements per block for each trait
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Single Plant Selection: A variety of seeds were obtained from a legal source in Canada. The seeds were imported under TGA, DEDJTR and DAWR regulations. Once released from quarantine the seeds were germinated and grown under controlled conditions, where cuttings were taken. The cuttings were then screened with DNA markers for predictive chemotype along with sex markers. Only female plants were taken forward. Whilst retaining a copy of the plant under vegetative conditions the clonal cuttings of the plants were transferred to a secure flower induction room with controlled conditions and reduced day-length. Once flowering the plants were visually assessed for stature and yield of female flowers. The plants were then harvested upon the stigmas yellowing, dried and the flowers removed and samples were taken for comprehensive chemical analysis. Using appropriate standards of the known compounds and approved protocols the mg / g of dried female flowers was identified for a range of the optimal strains that were selected at this stage. After the chemical analysis was complete optimal plant strains were identified for selected chemotypic profiles. Cannbio3 was selected as an optimal strain for THC and CBD production. Breeder: Noel Cogan and Larry Jewell, Department of Jobs, Precincts and Regions, Melbourne, Vic.</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	proportion of female plants	high
Plant	proportion of monoecious plants	low
Plant	natural height	very short to short
Main stem	thickness	thick
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Cannbio-2’	Originated from the same breeding program	
‘Cannbio-4’	Originated from the same breeding program	
‘Farnsfield’	Comparative hemp variety used for benchmarking	

**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>‘Cannbio-3’</b>	<b>‘CannBio-2’</b>	<b>‘Cannbio-4’</b>	<b>‘Farnsfield’</b>
<input checked="" type="checkbox"/> Plant: intensity of anthocyanin colouration of crown	medium	strong to very strong	strong to very strong	absent or very weak
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: anthocyanin colouration of petiole	very strong	very strong	very strong	absent or very weak
<input type="checkbox"/> *Leaf: number of leaflets	medium	medium	medium	medium
<input type="checkbox"/> Central leaflet: length	short	short	very short to short	short
<input type="checkbox"/> Central leaflet: width	narrow to medium	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> *Inflorescence: THC content	medium to very high	medium to very high	very high	absent or very low
<input type="checkbox"/> *Plant: proportion of monoecious plants	low	low	low	low
<input type="checkbox"/> *Plant: proportion of female plants	high	high	high	low to medium
<input type="checkbox"/> *Plant: natural height	very short	very short	very short	short

<input type="checkbox"/> *Main stem: colour	medium green	medium green	yellow	medium green
<input type="checkbox"/> Main stem: length of internode	short to medium	short to medium	short to medium	medium to long
<input type="checkbox"/> Main stem: thickness	thick	thick	thick	thick
<input type="checkbox"/> Main stem: depth of grooves	shallow	shallow	shallow	medium
<input type="checkbox"/> Main stem: pith in cross-section	thick	thick	thick	medium

### Statistical Table

Organ/Plant Part: Context	'Cannbio-3'	'CannBio-2'	'Cannbio-4'	'Farnsfield'
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	93.45	116.40	91.40	159.00
Std. Deviation	9.24	9.43	7.11	11.76
LSD/sig	7.7	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: THC content (mg/g)				
Mean	41.60	33.26	121.50	1.05
Std. Deviation	2.57	0.38	1.41	0.02
LSD/sig	25.92	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: width (cm)				
Mean	4.01	3.65	3.38	2.71
Std. Deviation	0.34	0.66	0.43	0.62
LSD/sig	0.44	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: length (cm)				
Mean	17.26	17.18	13.49	18.07
Std. Deviation	1.27	1.87	1.50	1.92
LSD/sig	1.41	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: CBD content (mg/g)				
Mean	81.84	60.63	0.30	31.92
Std. Deviation	4.84	0.65	0.01	0.43
LSD/sig	23.25	ns	P≤0.01	P≤0.01

### Prior Applications and Sales:

Nil.

Description: Noel Cogan, AgriBio, Centre for AgriBioscience, Bundoora, Vic.

<b>Details of Application</b>	
<b>Application Number</b>	2017/253
<b>Variety Name</b>	'CannBio-2'
<b>Genus Species</b>	<i>Cannabis sativa</i>
<b>Common Name</b>	Medicinal Cannabis
<b>Synonym</b>	Nil
<b>Accepted Date</b>	20 Oct 2017
<b>Applicant</b>	Agriculture Victoria Services Pty Ltd, AgriBio, Centre for AgriBiosciences, 5 Ring Road, Bundoora, Victoria 3083
<b>Agent</b>	N/A
<b>Qualified Person</b>	Noel Cogan
<b>Details of Comparative Trial</b>	
<b>Location</b>	Undisclosed Secure Government Facility
<b>Descriptor</b>	Hemp ( <i>Cannabis sativa</i> ) UPOV TG/276/1
<b>Period</b>	01 Jun 2018 - 01 Oct 2018
<b>Conditions</b>	The trial was transplanted into coir slabs in an indoor facility. Plants were never stressed for water or nutrients. There was no disease or insect pests in the crop so no fungicides or insecticides were applied. The plants were taken from cuttings and grown in an initial vegetative until c. 30 cm in height. Following on from that the plants were induced into flowering by short day lengths.
<b>Trial Design</b>	Randomised block design with two replications was established on indoor benches, with each block containing 40 plants per variety. Hemp cultivar 'Farnsfield' was included as a variety of common knowledge as a comparator. A total of 2 other varieties of common knowledge from the same breeding program was also included.
<b>Measurements</b>	10 measurements per block for each trait
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Single Plant Selection: A variety of seeds were obtained from a legal source in Canada. The seeds were imported under TGA, DEDJTR and DAWR regulations. Once released from quarantine the seeds were germinated and grown under controlled conditions, where cuttings were taken. The cuttings were then screened with DNA markers for predictive chemotype along with sex markers. Only female plants were taken forward. Whilst retaining a copy of the plant under vegetative conditions the clonal cuttings of the plants were transferred to a secure flower induction room with controlled conditions and reduced day-length. Once flowering the plants were visually assessed for stature and yield of female flowers. The plants were then harvested upon the stigmas yellowing, dried and the flowers removed and samples were taken for comprehensive chemical analysis. Using appropriate standards of the known compounds and approved protocols the mg / g of dried female flowers was identified for a range of the optimal strains that were selected at this stage. After the chemical analysis was complete optimal plant strains were identified for selected chemotypic profiles. CannBio2 was selected as an optimal strain for THC and CBD production. Breeder: Noel Cogan and Larry Jewell, Department of Jobs, Precincts and Regions, Melbourne, Vic.</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	proportion of female plants	high
Plant	proportion of monoecious plants	low
Plant	natural height	very short to short
Main stem	thickness	thick
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Cannbio-3'	Originated from the same breeding program	
'Cannbio-4'	Originated from the same breeding program	
'Farnsfield'	Comparative hemp variety used for benchmarking	

**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>'CannBio-2'</b>	<b>'Cannbio-3'</b>	<b>'Cannbio-4'</b>	<b>'Farnsfield'</b>
<input checked="" type="checkbox"/> Plant: intensity of anthocyanin colouration of crown	strong to very strong	medium	strong to very strong	absent or very weak
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: anthocyanin colouration of petiole	very strong	very strong	very strong	absent or very weak
<input type="checkbox"/> *Leaf: number of leaflets	medium	medium	medium	medium
<input type="checkbox"/> Central leaflet: length	short	short	very short to short	short
<input type="checkbox"/> Central leaflet: width	narrow to medium	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> *Inflorescence: THC content	medium to very high	medium to very high	very high	absent or very low
<input type="checkbox"/> *Plant: proportion of monoecious plants	low	low	low	low
<input type="checkbox"/> *Plant: proportion of female plants	high	high	high	low to medium
<input type="checkbox"/> *Plant: natural height	very short	very short	very short	short

<input type="checkbox"/> *Main stem: colour	medium green	medium green	yellow	medium green
<input type="checkbox"/> Main stem: length of internode	short to medium	short to medium	short to medium	medium to long
<input type="checkbox"/> Main stem: thickness	thick	thick	thick	thick
<input type="checkbox"/> Main stem: depth of grooves	shallow	shallow	shallow	medium
<input type="checkbox"/> Main stem: pith in cross-section	thick	thick	thick	medium

### Statistical Table

Organ/Plant Part: Context	'CannBio-2'	'Cannbio-3'	'Cannbio-4'	'Farnsfield'
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	116.40	93.45	91.40	159.00
Std. Deviation	9.43	9.24	7.11	11.76
LSD/sig	7.7	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: THC content (mg/g)				
Mean	33.26	41.60	121.50	1.05
Std. Deviation	0.38	2.57	1.41	0.02
LSD/sig	25.92	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: width (cm)				
Mean	3.65	4.01	3.38	2.71
Std. Deviation	0.66	0.34	0.43	0.62
LSD/sig	0.44	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Central leaflet: length (cm)				
Mean	17.18	17.26	13.49	18.07
Std. Deviation	1.87	1.27	1.50	1.92
LSD/sig	1.41	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: CBD content (mg/g)				
Mean	60.63	81.84	0.30	31.92
Std. Deviation	0.65	4.84	0.01	0.43
LSD/sig	23.25	ns	P≤0.01	P≤0.01

### Prior Applications and Sales:

Nil.

Description: Noel Cogan, AgriBio, Centre for AgriBioscience, Bundoora, Vic.

<b>Details of Application</b>	
<b>Application Number</b>	2017/026
<b>Variety Name</b>	'ORIGAMI'
<b>Genus Species</b>	<i>Brassica rapa</i> var. <i>nipposinica</i>
<b>Common Name</b>	Mizuna
<b>Synonym</b>	n/a
<b>Accepted Date</b>	28 Apr 2017
<b>Applicant</b>	Shamrock Seed Company, Inc. dba Vilmorin North America, USA
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	Calixto Dilag
<b>Details of Comparative Trial</b>	
<b>Location</b>	Templestowe, VIC
<b>Descriptor</b>	PBR MIZU
<b>Period</b>	April to August 2018
<b>Conditions</b>	Trial was sown 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. Spring 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 variety.
<b>Measurements</b>	As per UPOV test guideline.
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
<p>Self-pollination: Mizuna cultivar SSC 3178 (Origami) was developed from an unusual plant found at a nursery in Salinas on 2007. The plant was added to a trial of assorted baby leaf material, and the seed produced was designated source code F1. The resulting seed was grown in spring 2008 at Gilroy. Three selections were made and allowed to self, and the seed of each plant was collected individually. The three batches of seed were assigned their own source codes. B-811-92-1, -2, and -3, and the pedigrees Lettuce-AA, AB, and AC, respectively. The resulting seed was grown in autumn 2008 at Gilroy. One selection was made from B-811-92-3 and allowed to self and the seeds (F3) collected. The seed was assigned the source code. Then it was grown in autumn 2009 at Gilroy. Three selections were made and allowed to self, and the seed (F4) of each plant was collected individually. The three batches of seed were assigned the source codes B-915-20-1, -2, and -3, and the pedigrees Lettuce-ACAA, ACAB, and ACAC, respectively. The resulting seed was grown in autumn 2010 at Gilroy. Eight selections were made from B-915-20-3 and allowed to self, and the seed (F5) of each plant was collected individually. The eight batches of seed were assigned the source codes B-1034-34-1, -2, -3, -4, -5, -6, -7, and -8 and the pedigrees Lettuce-ACACA, ACACB, ACACC, ACACD, ACACE, ACACF, ACACG, and ACACH, respectively. These seed was grown in autumn 2011 at Gilroy. The plants of B-1034-34-5 were planted in a seed increase cage. All the plants were harvested in bulk and those seeds (F6) became mizuna SSC 3178 (Origami). Criteria of selection were uniformity, narrowness of leaves and leaf segments, heavy texture and darker colour. By self-pollination, six cycles were used to obtain the stable form of Origami.</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>
Cotyledon	shape	reniform
Leaf	colour	green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'SSC Standard Mizuna'		

<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>'ORIGAMI'</b>	<b>SSC Standard Mizuna</b>
<input type="checkbox"/> Seedling: green colour of cotyledon	light	light
<input type="checkbox"/> Seedling: anthocyanin colour of cotyledon	absent	absent
<input type="checkbox"/> Plant: attitude (at harvest time)	semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: height (at harvest time)	short	short to medium
<input type="checkbox"/> Plant: tillering (at harvest time)	absent	absent
<input type="checkbox"/> Plant: number of leaves (at harvest time)	many	many
<input type="checkbox"/> Leaf: shape of blade	lanceolate	lanceolate
<input type="checkbox"/> Leaf: length (including petiole)	medium	medium to long
<input type="checkbox"/> Leaf: width (at broadest part)	broad	broad
<input type="checkbox"/> Leaf: number of lobes	medium	medium
<input type="checkbox"/> Leaf : degree of serration	weak	medium
<input type="checkbox"/> Leaf blade: presence of anthocyanin colouration of upper side	absent	absent
<input type="checkbox"/> Leaf midrib: colour of upper side	green	green
<input type="checkbox"/> Leaf midrib: colour of lower side	green	green
<input type="checkbox"/> Leaf: colour of petiole (upper side)	green	green
<input type="checkbox"/> Leaf blade: glossiness of upper side	medium	medium to strong
<input type="checkbox"/> Leaf blade: hairiness	absent	absent
<input type="checkbox"/> Leaf blade: depth of veins	shallow	shallow to medium
<input checked="" type="checkbox"/> Leaf blade: thickness	medium to thick	thin to medium

<input type="checkbox"/> Petiole: shape (at middle part)	semi-circular	semi-circular
<input type="checkbox"/> Petiole: length	short to medium	long
<input type="checkbox"/> Petiole: width (at middle part)	medium	medium
<input type="checkbox"/> Petiole: width (at base)	medium	medium
<input type="checkbox"/> Plant: time of harvest maturity	medium	early

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'ORIGAMI'</b>	<b>SSC Standard Mizuna</b>
<input type="checkbox"/> Leaf: Type (Bras jun)	type 2	type 2
<input checked="" type="checkbox"/> Leaf: Intensity of lateral lobe	sparse	medium
<input type="checkbox"/> Seed: colour	brown	black

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

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
US	2015	pending	'Origami'
EU	2016	pending	'Origami'

First sold in Australia as 'Ritzy' on 12<sup>th</sup> December 2016 and as 'Origami' on 8<sup>th</sup> December 2015 in Italy.

Description: **Calixto Dilag**, HM. Clause Pacific, Lower Templestowe.

<b>Details of Application</b>		
<b>Application Number</b>	2010/045	
<b>Variety Name</b>	'ASKAL'	
<b>Genus Species</b>	<i>Olea europaea</i>	
<b>Common Name</b>	Olive	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	14 Oct 2013	
<b>Applicant</b>	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, (A.R.O.) The Volcani Center, Bet Dagan, Israel	
<b>Agent</b>	Davies Collison Cave, Melbourne, VIC	
<b>Qualified Person</b>	Wayne Parr	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Spanish Plant Variety Office	
<b>Overseas Data Reference Number</b>	2010/0360	
<b>Location</b>	Examination unit of olive cultivars. University of Cordoba, Spain	
<b>Descriptor</b>	Olive ( <i>Olea europaea</i> ) UPOV TG 99/3	
<b>Period</b>	2014 - 2015	
<b>Conditions</b>	In accordance with UPOV test guidelines	
<b>Trial Design</b>	In accordance with UPOV test guidelines	
<b>Measurements</b>	In accordance with UPOV test guidelines	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled Pollination: 'ASKAL' originated from a cross made in 1990 in Bet Dagan, Israel. The female or seed. parent is 'Manzanilla de Secilla', and the male or pollen parent is 'Barnea'. 'ASKAL' was observed from the progeny of the cross in 1993 and selected in 1994 in a controlled environment in Bet Dagan, Israel. Breeder: Agricultural Research Organisation, (A.R.O.) The Volcani Center, Bet Dagan, Israel		
<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>
Tree	vigour	strong
Tree	canopy	sparse
Fruit	colour	dark violet
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Barnea'	pollen parent	
'Manzanilla de Secilla'	seed parent	

<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>
'Kadeshon'	Fruit	shape	elliptic	elongated
	Fruit	shape of stalk cavity	circular	elliptic

**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>'ASKAL'</b>	<b>'Barnea'</b>	<b>'Manzanilla de Secilla'</b>
<input checked="" type="checkbox"/> Plant: vigour	medium	strong	weak
<input checked="" type="checkbox"/> Plant: attitude of branches	strongly erect		spreading
<input checked="" type="checkbox"/> Plant: density	medium	sparse	
<input type="checkbox"/> Fruiting shoot: colour	light grey	–	–
<input type="checkbox"/> Fruiting shoot: length of internodes	short	–	–
<input type="checkbox"/> Fruiting shoot: feathers	few to medium	–	–
<input type="checkbox"/> Leaf: size	large	–	–
<input type="checkbox"/> *Leaf: ratio length/width	short and broad	–	–
<input type="checkbox"/> Leaf: shape	elliptic	–	–
<input type="checkbox"/> Leaf: glossiness	absent	–	–
<input type="checkbox"/> *Leaf: colour of upper side	dark green	–	–
<input type="checkbox"/> Leaf: colour of lower side	grey-green	–	–
<input type="checkbox"/> Leaf: curvature of longitudinal axis of blade	flat	–	–
<input type="checkbox"/> Leaf: twisting	absent	–	–
<input type="checkbox"/> Plant: abnormal leaves	present	–	–
<input type="checkbox"/> Inflorescence: structure	long and compact	–	–
<input type="checkbox"/> Inflorescence: branching	strong	–	–
<input type="checkbox"/> Inflorescence: axillary flowers	absent	–	–
<input type="checkbox"/> Flower: size of the bud	small	–	–
<input type="checkbox"/> Fruit: size	very small to small	–	–
<input checked="" type="checkbox"/> *Fruit: shape	elliptic	elongated	–
<input type="checkbox"/> Fruit: colour	dark violet	–	–
<input type="checkbox"/> Fruit: conspicuousness of marbling	medium	–	–
<input checked="" type="checkbox"/> Fruit: symmetry in position A	weakly	–	symmetrical

	asymmetric		
<input type="checkbox"/> Fruit: symmetry in position B	symmetrical	–	
<input type="checkbox"/> Fruit: position of maximum diameter	central	–	
<input checked="" type="checkbox"/> Fruit: shape of apex in position A	pointed	–	rounded
<input type="checkbox"/> Fruit: shape of apex in position B	pointed	–	–
<input type="checkbox"/> *Fruit: mucron	present	–	–
<input type="checkbox"/> Fruit: position of pistil scar	not central	–	–
<input type="checkbox"/> Fruit: shape of base in position A	truncate	–	–
<input type="checkbox"/> *Fruit: shape of base in position B	truncate	–	–
<input type="checkbox"/> *Fruit: width of stalk cavity	narrow	–	–
<input type="checkbox"/> Fruit: shape of stalk cavity	circular	–	–
<input checked="" type="checkbox"/> Fruit: depth of stalk cavity	very shallow to shallow	medium	–
<input type="checkbox"/> *Fruit: shape of cross section	circular	–	–
<input type="checkbox"/> Stone: shape in position A	elliptic	–	–
<input type="checkbox"/> *Stone: shape in position B	elliptic	–	–
<input type="checkbox"/> Stone: symmetry in position A	symmetrical	–	–
<input type="checkbox"/> Stone: symmetry in position B	symmetrical	–	–
<input type="checkbox"/> *Stone: shape of cross section	circular	–	–
<input type="checkbox"/> *Stone: position of largest cross section	central	–	–
<input type="checkbox"/> *Stone: grooving	weak	–	–
<input type="checkbox"/> Stone: distribution of grooves	excluding apex	–	–
<input type="checkbox"/> *Stone: number of grooves on basal end	less than 7	–	–
<input type="checkbox"/> *Stone: distribution of grooves on basal end	irregular	–	–
<input checked="" type="checkbox"/> Stone: shape of distal end in position A	pointed	–	rounded
<input type="checkbox"/> *Stone: shape of distal end in position B	pointed	–	–
<input type="checkbox"/> *Stone: mucron	absent	–	–
<input type="checkbox"/> Stone: shape of base in position A	pointed	–	–
<input type="checkbox"/> Stone: shape of base in position B	pointed	–	–
<input type="checkbox"/> Stone: conspicuousness of suture	very weak	–	–
<input type="checkbox"/> Stone: size	small	–	–
<input type="checkbox"/> Time of: flowering	medium	–	–
<input type="checkbox"/> Time of: ripening	medium	–	–

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Israel	2003	Granted	'ASKAL'
USA	2009	Granted	'ASKAL'
EU	2010	Granted	'ASKAL'
Mexico	2010	Granted	'ASKAL'
Argentina	2010	Granted	'ASKAL'

Prior sale nil.

Description: **Thomas Parr**, Variety Access, Torbanlea, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2011/241
<b>Variety Name</b>	'Bambalina'
<b>Genus Species</b>	<i>Olea europaea</i>
<b>Common Name</b>	Olive
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Feb 2012
<b>Applicant</b>	Australis Plants Pty Ltd, Highfields, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Tynong VIC
<b>Descriptor</b>	Olive CPVO-TP/099/1
<b>Period</b>	2012 to 2014
<b>Conditions</b>	Plants were grown outside on wire benches with drip irrigation. Plants were potted into 20cm pots in commercial pinebark based media with controlled release fertiliser
<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

**Origin and Breeding**

Spontaneous mutation: Cuttings of the parent plant were taken in early 2009. After the plants were potted, some were observed to be a shorter height. These plants were isolated and new cuttings were taken from all of the shorter plants. From these a reduced number of clones were selected. This process was repeated four times with the candidate variety being the final selection. This has been further propagated to determine uniformity and stability. Breeder Greg O'Sullivan, Highfields, QLD.

**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	height	short

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

<b>Name</b>	<b>Comments</b>
'Briscola 6'	mediterranean midget, closest dwarf variety
'Tolleys Upright'	

**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>
'Olea europaea In house hybrid'	Plant	height	short	tall	maternal parent

'AP176'	Leaf	size	large	small	
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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	'Bambalina'	'Briscola 6'	'Tolleys Upright'
<input checked="" type="checkbox"/> Plant: vigour	weak	weak	medium to strong
<input checked="" type="checkbox"/> Plant: attitude of branches	erect to spreading	spreading to drooping	erect
<input type="checkbox"/> Plant: density	medium	medium	medium
<input type="checkbox"/> Leaf: size	very small	very small	very small
<input type="checkbox"/> *Leaf: ratio length/width	short and narrow	short and narrow	short and narrow
<input type="checkbox"/> Leaf: shape	lanceolate	lanceolate	lanceolate
<input type="checkbox"/> Leaf: glossiness	absent	absent	absent
<input type="checkbox"/> *Leaf: colour of upper side	dark green	dark green	dark green
<input type="checkbox"/> Leaf: colour of lower side	green-grey	grey-green	green-grey
<input checked="" type="checkbox"/> Leaf: curvature of longitudinal axis of blade	convex	concave	flat
<input checked="" type="checkbox"/> Leaf: twisting	present	absent	absent
<input type="checkbox"/> Plant: abnormal leaves	absent	absent	absent
<input type="checkbox"/> Inflorescence: branching	medium	medium	-
<input type="checkbox"/> Inflorescence: axillary flowers	absent	absent	-
<input type="checkbox"/> Flower: size of the bud	very small to small	small	-
<input checked="" type="checkbox"/> Fruit: size	very small	medium	small to medium
<input type="checkbox"/> *Fruit: shape	globose	elliptic	globose
<input type="checkbox"/> Time of: flowering	medium	medium to late	medium

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Bambalina'	'Briscola 6'	'Tolleys Upright'
<input checked="" type="checkbox"/> Plant: height	medium	short	tall

**Prior Applications and Sales:**

Nil

Description: Mark Lunghusen, Wonga Park VIC 3115.

<b>Details of Application</b>		
<b>Application Number</b>	2015/309	
<b>Variety Name</b>	'Astrail'	
<b>Genus Species</b>	<i>Phalaris aquatica</i>	
<b>Common Name</b>	Phalaris	
<b>Synonym</b>	Ostrali	
<b>Accepted Date</b>	19 Feb 2016	
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC	
<b>Agent</b>	N/A	
<b>Qualified Person</b>	Anthony Leddin	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Yambuk, VIC	
<b>Descriptor</b>	PBR PHAL Phalaris ( <i>Phalaris</i> )	
<b>Period</b>	March 2015-December 2015	
<b>Conditions</b>	Yambuk has an average annual rainfall of 800mm predominately falling over the winter and having a Mediterranean/temperate climate.	
<b>Trial Design</b>	Randomised complete block design with 8 replicates and 8 plants within each replicate	
<b>Measurements</b>	Heading dates, panicle length, vegetative leaf length, vegetative leaf width, stem length, flag leaf width, flag leaf length, Internode length, Inflorescence length, Inflorescence density and seed shatter	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled pollination: spaced plants were evaluated for the following traits over 3 years. Winter forage yield, density of tillering, disease resistance, seed yield and fine leafness. Recurrent selection was used to identify a single genotype to develop the variety from. This plant was evaluated for 3 years to determine stability in the above traits over a number of multiplication cycles before being advanced. Breeder: Valley Seeds Pty Ltd, Yarck, 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>
Leaf	width	medium
Flag leaf	width	medium
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Australian 'II'		

**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>'Astrail'</b>	<b>'Australian II'</b>
<input type="checkbox"/> Plant: winter growth	medium	low to medium
<input checked="" type="checkbox"/> Leaf: length	short	medium
<input type="checkbox"/> Leaf: width	medium	medium
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	early	medium
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	semi-prostrate	semi-prostrate
<input checked="" type="checkbox"/> Plant: natural height at inflorescence emergence	medium	tall
<input checked="" type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded)	medium	long
<input checked="" type="checkbox"/> Stem: length of upper internode (when fully expanded)	long	medium
<input checked="" type="checkbox"/> Inflorescence: length (when fully expanded)	medium	long
<input checked="" type="checkbox"/> Flag leaf: length (when fully expanded)	medium	long
<input type="checkbox"/> Flag leaf: width (same flag leaf as that used for 12)	medium	medium
<input type="checkbox"/> Plant: proportion of plants with non-shattering inflorescences approx. 6 weeks after seed maturity	low to medium	low to medium

<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'Astrail'</b>	<b>'Australian II'</b>
<input checked="" type="checkbox"/> Vegetative leaf : length (mm)		
Mean	114.88	99.18
Std. Deviation	35.52	32.63
LSD/sig	9.6	P≤0.01
<input checked="" type="checkbox"/> Stem: length (mm)		
Mean	620.29	650.62
Std. Deviation	93.88	90.49
LSD/sig	26.6	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length (mm)		
Mean	41.75	36.87
Std. Deviation	15.89	12.99
LSD/sig	4.3	P≤0.01
<input checked="" type="checkbox"/> Internode: length (mm)		
Mean	206.33	182.45
Std. Deviation	42.60	43.77
LSD/sig	13.9	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length (mm)		
Mean	45.63	50.23
Std. Deviation	12.33	10.68

LSD/sig	3.4	P≤0.01
<input checked="" type="checkbox"/> Pannicle: length (mm)		
Mean	5.52	5.62
Std. Deviation	0.52	0.52
LSD/sig	0.2	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: heading date (days)		
Mean	47.13	53.85
Std. Deviation	3.57	3.84
LSD/sig	1.1	P≤0.01

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

Nil

Description: **Anthony Leddin**, Yarck, Vic.

<b>Details of Application</b>	
<b>Application Number</b>	2016/054
<b>Variety Name</b>	'Libertie'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	n/a
<b>Accepted Date</b>	30 Mar 2016
<b>Applicant</b>	Caithness Potatoes Holding BV, London, UK
<b>Agent</b>	South Australian Seeds Pty Ltd, Virginia, South Australia
<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>	February 2018 to October 2018
<b>Conditions</b>	Seed tubers were planted in twin rows according to normal commercial spacing at Tepko, South Australia on 14 February 2018. Crop management was as per the surrounding commercial crop.
<b>Trial Design</b>	Block of 60 plants of the candidate variety (two rows of 30 plants) placed adjacent to 60 plants of the comparator.
<b>Measurements</b>	Observations of plant, leaf and flower characteristics made on 16 April 2018. Tubers harvested on 15 July 2018 and tuber records taken on 20 July 2018. Lightsprout data recorded on 20 October 2018.
<b>RHS Chart - edition</b>	
<b>Origin and Breeding</b>	
<p><b>Controlled pollination:</b> The variety "Harmony" was pollinated by the variety 'Divaa' in the Caithness Potatoes Holding BV Potato Breeding Program at Fittercairn, Scotland in 2006. Subsequently selection trials occurred at various sites in Scotland with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line '105/2/W/06' was selected and was commercially released as 'Libertie' in 2015. Breeder: Caithness Potatoes Holding BV, London, UK.</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>
Lightsprout	shape	ovoid
Flower	colour	deep pink
Tuber	shape	oval
Tuber	skin colour	light beige
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Daisy'		

<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>
‘Harmony’	Lightsprout	size	medium	small	
‘Harmony’	tuber	skin colour	light beige	white	
‘Harmony’	Flower	frequency	high	few	Maternal parent
‘Divaa’	Flower	intensity of colour	strong	absent or very weak	Paternal parent
‘Divaa’	Lightsprout	shape	ovoid	broad cylindrical	

<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>‘Libertie’</b>	<b>‘Daisy’</b>
<input type="checkbox"/> Lightsprout: size	medium	small to medium
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	weak	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	absent or very weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong to very strong	weak
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	few	medium
<input checked="" type="checkbox"/> Lightsprout: length of lateral shoots	short	medium to long
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright

<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	closed to intermediate	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	strong
<input type="checkbox"/> Leaf: green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	medium to high	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	medium
<input checked="" type="checkbox"/> Leaflet: depth of veins	medium	deep
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium to glossy	medium
<input checked="" type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	absent
<input type="checkbox"/> Flower bud: anthocyanin colouration	strong	medium
<input type="checkbox"/> Plant: height	medium	tall
<input checked="" type="checkbox"/> *Plant: frequency of flowers	high	low
<input type="checkbox"/> Inflorescence: size	large	medium
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	strong	absent or very weak
<input type="checkbox"/> Flower corolla: size	large	medium
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	strong	strong
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	large to very large	large
<input type="checkbox"/> *Plant: time of maturity	medium	medium to late
<input type="checkbox"/> *Tuber: shape	oval	oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow

<input type="checkbox"/> *Tuber: colour of skin	light beige	light beige
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/> *Tuber: colour of flesh	white	medium yellow
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Libertie'</b>	<b>'Daisy'</b>
<input checked="" type="checkbox"/> Tuber: dormancy	medium	long
<input type="checkbox"/> Stem: Thickness	thick	medium
<input type="checkbox"/> Tuber: skin smoothness	medium	medium
<input checked="" type="checkbox"/> stem: wings	medium	small
<input checked="" type="checkbox"/> Tuber: dormancy	medium	long

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
UK	2012	Granted	'LIBERTIE'

No prior sale.

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

<b>Details of Application</b>	
<b>Application Number</b>	2015/308
<b>Variety Name</b>	'Airgintin'
<b>Genus Species</b>	<i>Bromus catharticus</i> var. <i>catharticus</i>
<b>Common Name</b>	Praire grass
<b>Synonym</b>	Arjantin
<b>Accepted Date</b>	19 Feb 2016
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC
<b>Agent</b>	N/A
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	<i>Bromus catharticus</i> /TG/180/3
<b>Period</b>	March 2015-December 2015
<b>Conditions</b>	Yambuk has an average annual rainfall of 800mm predominately falling over the winter and having a mediterranean/temperate climate.
<b>Trial Design</b>	Randomised complete block design with 8 replicates and 8 plants within each replicate
<b>Measurements</b>	Heading date, spiklet length, vegetative leaf length, vegetative leaf width, stem length, flag leaf width, flag leaf length, internode length, inflorescence length, inflorescence density.
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Selection from source material: spaced plants were evaluated for the following traits over 3 years. Winter forage yield, density of tillering, disease resistance, seed yield and fine leafness. Recurrent selection was used to identify a single genotype to develop the variety from. This plant was evaluated for 3 years to determine stability in the above traits over a number of multiplication cycles before being advanced. Breeder: Valley Seeds Pty Ltd, Yarck, Vic.

**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>
Spiklet	length	medium
Heading	date	late

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

<b>Name</b>	<b>Comments</b>
'Atom'	

**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>
'Matua'	heading date	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>'Airtintin'</b>	<b>'Atom'</b>
<input type="checkbox"/> Seedling: anthocyanin colouration of sheath of first leaf	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: tendency to form inflorescences without vernalisation	strong	medium to strong
<input checked="" type="checkbox"/> Plant: natural height	medium	tall
<input checked="" type="checkbox"/> *Leaf: intensity of green colour	light to medium	very light to light
<input type="checkbox"/> Foliage: fineness	medium	medium
<input checked="" type="checkbox"/> Plant: natural height in spring	medium	tall
<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence after vernalisation	late	early
<input checked="" type="checkbox"/> Plant: natural height at inflorescence emergence	medium	tall
<input checked="" type="checkbox"/> Flag leaf: length at inflorescence emergence	long	short to medium
<input type="checkbox"/> Flag leaf: width at inflorescence emergence	medium to broad	medium
<input type="checkbox"/> *Stem: length of longest stem	long	long
<input checked="" type="checkbox"/> Stem: length of upper internode	medium	long
<input type="checkbox"/> Inflorescence: length	medium	medium
<input type="checkbox"/> Inflorescence: density	medium	medium to dense

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Airtintin'</b>	<b>'Atom'</b>
<input checked="" type="checkbox"/> Spikelet: length		
Mean	27.5	29.03
Std. Deviation	4.49	4.78
LSD/sig	1.3	P≤0.01
<input checked="" type="checkbox"/> Heading: date		
Mean	44.04	32.60
Std. Deviation	4.18	4.69
LSD/sig	5.3	P≤0.01

**Prior Applications and Sales:**

Nil

Description: Anthony Leddin, Yarck, Vic.

<b>Details of Application</b>		
<b>Application Number</b>	2015/305	
<b>Variety Name</b>	'BDB-12VF'	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	17 Feb 2016	
<b>Applicant</b>	Berryworld Plus Limited, Hertfordshire, UK	
<b>Agent</b>	Red Jewel Fruit Management Pty Ltd., Ballandean, QLD	
<b>Qualified Person</b>	Elise Pike	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP25,953	
<b>Location</b>	Overseas data was verified in Stanthorpe, QLD	
<b>Descriptor</b>	Raspberry UPOV TG/43/7	
<b>Period</b>	March to November 2018	
<b>Conditions</b>	Asexual propagation is by root cuttings and tissue culture prior to planting in the field	
<b>Trial Design</b>	Completely Randomised Design. Comparator data was extracted from the Australian published description of 'Autumn Treasure' (Grant Number- 4857). This variety was compared with Autumn Treasure	
<b>Measurements</b>	Observations and measurements were taken from 6 - 8 month old plants randomly	
<b>RHS Chart - edition</b>		
<b>Origin and Breeding</b>		
Controlled pollination: 'Octavia' × XFU-12VF. Crossing carried out and seeds extracted in the USA. Seeds germinated and seedlings grown in trials field in Kent, UK. Individual seedling selected in July 2009, coded as 'BDB-12VF' and clonal material propagated for further trials. Plant material was transferred to Australia in 2016. Breeders: Harry Jan Swartz, Oakland US and Eva McCarthy, Kent GB. Employees of Berryworld Plus Limited, UK.		
<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	habit	upright
Fruit	colour	medium red
Fruit	shape	conical
Fruit	main bearing type	only on current year's cane in autumn
Very young shoot	anthocyanin colouration of apex during rapid growth	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
'Autumn Treasure'					
<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
'Tulameen'	Fruit	firmness	firm	medium	

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

Organ/Plant Part: Context	'BDB-12VF'	'Autumn Treasure'
<input type="checkbox"/> Plant: habit	upright	upright
<input type="checkbox"/> *Plant: number of current season's canes	medium	many
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present
<input type="checkbox"/> Current season's cane: bloom	medium	strong
<input type="checkbox"/> Current season's cane: length of internode	medium	short
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium	medium to long
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	medium to long	medium to long
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown	
<input checked="" type="checkbox"/> *Spines: presence	present	absent
<input type="checkbox"/> *Spines: density (varieties with spines present only)	dense	
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	medium	
<input type="checkbox"/> Spines: length (varieties with spines present only)	short to medium	
<input type="checkbox"/> Spines: colour (varieties with spines present only)	brownish purple	
<input type="checkbox"/> *Leaf: green colour of upper side	dark	medium to dark
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five	three
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching	free
<input type="checkbox"/> Terminal leaflet: length	long	long
<input type="checkbox"/> Terminal leaflet: width	medium to broad	broad
<input type="checkbox"/> Flower: size	medium	large
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous	erect	

year's cane in summer)		
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long	
<input type="checkbox"/> *Fruit: length	long	long to very long
<input checked="" type="checkbox"/> *Fruit: width	broad	narrow to medium
<input type="checkbox"/> *Fruit: ratio length/width	medium	large to very large
<input type="checkbox"/> *Fruit: general shape in lateral view	conical	conical
<input type="checkbox"/> Fruit: size of single drupe	large	large to very large
<input type="checkbox"/> *Fruit: colour	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	medium	strong
<input type="checkbox"/> *Fruit: firmness	firm	medium
<input type="checkbox"/> Fruit: adherence to plug	medium	medium
<input type="checkbox"/> *Fruit: main bearing type	only on current year's cane in autumn	only on current year's cane in autumn
<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	medium	medium
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	medium to late	early
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium to late	early to medium
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium to long	long to very long

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

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Canada	2016	Applied	'Sapphire'
EU	2014	Granted	'Sapphire'
Mexico	2017	Granted	'Sapphire'
New Zealand	2018	Applied	'Sapphire'
Norway	2017	Applied	'Sapphire'
Russia	2017	Applied	'Sapphire'
South Africa	2015	Applied	'Sapphire'
Switzerland	2015	Granted	'Sapphire'
USA	2013	Granted	'Sapphire'

First sold in the UK in May 2014.

Description: **Elise Pike**, Ballandean, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2015/260	
<b>Variety Name</b>	Diamond-Jubilee	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	28 Jan 2016	
<b>Applicant</b>	Berryworld Plus Ltd., Broxbourne, Hertfordshire, UK	
<b>Agent</b>	Red Jewel Fruit Management Pty Ltd., Ballandean, QLD	
<b>Qualified Person</b>	Elise Pike	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP25,455	
<b>Location</b>	Overseas data was verified in Red Jewel Research Farm, Wamuran, QLD	
<b>Descriptor</b>	Raspberry UPOV TG/43/7	
<b>Period</b>	March to November 2018	
<b>Conditions</b>	Asexual propagation is by root cuttings and tissue culture prior to planting in the field	
<b>Trial Design</b>	Completely Randomised Design. Comparator data was extracted from the Australian published description of 'Autumn Treasure' (Grant Number- 4857).	
<b>Measurements</b>	Observations and measurements were taken from 6 - 8 month old plants	
<b>RHS Chart - edition</b>	RHS 1995	
<b>Origin and Breeding</b>		
Open pollination: Fruit obtained from retail store, seeds extracted and germinated. Resultant seedlings planted in trials field, seedling selections made and clonal material propagated for further trials. BMR-V1 ('Diamond Jubilee') was selected as showing interesting commercial characteristics. Further trials confirmed commercial potential leading to subsequent commercialization. Plant material was transferred to Australia in April 2014. Breeders: Peter Edward Vinson, Faversham GB. Employee of Berryworld Plus Limited, UK.		
<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	medium red
Plant	habit	upright
Very young shoot	anthocyanin colouration of apex during rapid growth	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Autumn Treasure'	

**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>'Diamond-Jubilee'</b>	<b>'Autumn Treasure'</b>
<input type="checkbox"/> Plant: habit	upright	upright
<input type="checkbox"/> *Plant: number of current season's canes	many	many
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium	medium to strong
<input type="checkbox"/> Current season's cane: bloom	weak to medium	strong
<input checked="" type="checkbox"/> Current season's cane: anthocyanin colouration	medium	strong
<input type="checkbox"/> Current season's cane: length of internode	medium	short
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium	medium to long
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	medium	
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	medium	medium to long
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown	
<input checked="" type="checkbox"/> *Spines: presence	present	absent
<input type="checkbox"/> *Spines: density (varieties with spines present only)	medium	
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	small to medium	
<input type="checkbox"/> Spines: length (varieties with spines present only)	short to medium	
<input type="checkbox"/> Spines: colour (varieties with spines present only)	purplish brown	
<input type="checkbox"/> *Leaf: green colour of upper side	light to medium	medium to dark
<input type="checkbox"/> *Leaf: predominant number of leaflets	three	three
<input type="checkbox"/> Leaf: relative position of lateral leaflets	free	free
<input type="checkbox"/> Terminal leaflet: length	medium to long	long
<input type="checkbox"/> Terminal leaflet: width	medium to broad	broad
<input type="checkbox"/> Pedicel: number of spines	few	absent or very few
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	present	present

<input checked="" type="checkbox"/> *Peduncle: intensity of anthocyanin colouration	weak	strong
<input type="checkbox"/> Flower: size	small to medium	large
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	horizontal to drooping	
<input type="checkbox"/> *Fruit: length	medium to long	long to very long
<input type="checkbox"/> *Fruit: width	broad to very broad	narrow to medium
<input type="checkbox"/> *Fruit: general shape in lateral view	broad conical	conical
<input type="checkbox"/> Fruit: size of single drupe	medium to large	large to very large
<input type="checkbox"/> *Fruit: colour	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	strong	strong
<input type="checkbox"/> *Fruit: firmness	firm	medium
<input type="checkbox"/> Fruit: adherence to plug	weak to medium	medium
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cane in summer & current year's cane in autumn	only on current year's cane in autumn
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	medium	-
<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	medium	medium
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium	-
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	medium	early
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	medium	-
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium	early to medium

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

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Brazil	2016	Applied	'Diamond Jubilee'
Canada	2016	Applied	'Diamond Jubilee'
Colombia	2017	Applied	'Diamond Jubilee'
EU	2013	Applied	'Diamond Jubilee'
Kenya	2014	Applied	'Diamond Jubilee'
Mexico	2017	Granted	'Diamond Jubilee'
New Zealand	2016	Applied	'Diamond Jubilee'

Norway	2016	Applied	‘Diamond Jubilee’
Russia	2016	Granted	‘Diamond Jubilee’
Serbia	2016	Applied	‘Diamond Jubilee’
South Africa	2015	Applied	‘Diamond Jubilee’
Switzerland	2015	Granted	‘Diamond Jubilee’
Turkey	2016	Applied	‘Diamond Jubilee’
Ukraine	2016	Applied	‘Diamond Jubilee’
USA	2013	Granted	‘Diamond Jubilee’

First sold in UK, Spain and Holland in May 2013

Description: **Elise Pike**, Ballandean, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2015/304	
<b>Variety Name</b>	'Pearl'	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Accepted Date</b>	27 Nov 2015	
<b>Applicant</b>	Berryworld Plus Limited, Hertfordshire, UK	
<b>Agent</b>	Red Jewel Fruit Management Pty Ltd, Ballandean, QLD	
<b>Qualified Person</b>	Elise Pike	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP28,173	
<b>Location</b>	Overseas data was verified in Red Jewel Research Farm, Wamuran, QLD	
<b>Descriptor</b>	Raspberry UPOV TG/43/7	
<b>Period</b>	March to November 2018	
<b>Conditions</b>	Asexual propagation is by root cuttings and tissue culture prior to planting in the field	
<b>Trial Design</b>	Completely Randomised Design. Comparator data was extracted from the Australian published description of 'Autumn Treasure' (Grant Number- 4857).	
<b>Measurements</b>	Observations and measurements were taken from 6 - 8 month old plants	
<b>RHS Chart - edition</b>	RHS 2001	
<b>Origin and Breeding</b>		
Controlled pollination: Crossing carried out and seeds extracted in the USA. Seeds germinated and grown in trial field in Cartaya, Huelva, Spain. Individual seedlings selected in July 2009, coded as DKX-12EF and clonal material propagated for further trials. 'Pearl' was selected as showing interesting commercial characteristics. Further trials confirmed potential leading to subsequent commercialization. Plants were transferred to Australia in 2015. Breeders: Harry Jan Swartz, Oakland MD USA, Eva McCarthy GB UK and Peter Edward Vinson GB UK. Employees of Berryworld Plus Limited, UK.		
<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	medium red
Fruit	shape	conical
Very young shoot	anthocyanin colouration of apex during rapid growth	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name			Comments		
'Autumn Treasure'					
<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
'Tulameen'	Fruit	firmness	firm	medium	

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

Organ/Plant Part: Context	'Pearl'	'Autumn Treasure'
<input type="checkbox"/> Plant: habit	semi-upright	upright
<input type="checkbox"/> *Plant: number of current season's canes	medium	many
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium	medium to strong
<input type="checkbox"/> Current season's cane: bloom	medium	strong
<input checked="" type="checkbox"/> Current season's cane: anthocyanin colouration	very weak to weak	strong
<input type="checkbox"/> Current season's cane: length of internode	medium	short
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	short to medium	
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	brown	
<input checked="" type="checkbox"/> *Spines: presence	present	absent
<input type="checkbox"/> *Spines: density (varieties with spines present only)	medium	
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	small to medium	
<input type="checkbox"/> Spines: length (varieties with spines present only)	short	
<input type="checkbox"/> Spines: colour (varieties with spines present only)	purplish brown	
<input type="checkbox"/> *Leaf: green colour of upper side	dark	medium to dark
<input type="checkbox"/> *Leaf: predominant number of leaflets	three	three
<input type="checkbox"/> Leaf: relative position of lateral leaflets	free	free
<input type="checkbox"/> Terminal leaflet: length	medium	long
<input type="checkbox"/> Terminal leaflet: width	broad	broad
<input type="checkbox"/> Pedicel: number of spines	few	absent or very few

<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	absent	present
<input type="checkbox"/> Flower: size	medium	large
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium	very long
<input type="checkbox"/> *Fruit: length	long	long to very long
<input checked="" type="checkbox"/> *Fruit: width	broad	narrow to medium
<input type="checkbox"/> *Fruit: ratio length/width	medium	large to very large
<input type="checkbox"/> *Fruit: general shape in lateral view	conical	conical
<input type="checkbox"/> Fruit: size of single drupe	large	large to very large
<input type="checkbox"/> *Fruit: colour	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	strong	strong
<input type="checkbox"/> *Fruit: firmness	firm	medium
<input type="checkbox"/> Fruit: adherence to plug	weak to medium	medium
<input type="checkbox"/> *Fruit: main bearing type	only on previous year's cane in summer	only on current year's cane in autumn
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	very early to early	
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	very early to early	
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	very early to early	
<input type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	short to medium	

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

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2014	Granted	'Pearl'
Mexico	2015	Granted	'Pearl'
South Africa	2015	Applied	'Pearl'
Switzerland	2015	Granted	'Pearl'
Turkey	2015	Applied	'Pearl'
USA	2014	Granted	'Pearl'

First sold in Morocco in May 2015.

Description: **Elise Pike**, Red Jewel Nursery, Ballandean, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2015/303	
<b>Variety Name</b>	'Autumn Glory'	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Synonym</b>	BHA-E5	
<b>Accepted Date</b>	17 Feb 2016	
<b>Applicant</b>	Berryworld Plus Ltd., Broxbourne, Hertfordshire, UK	
<b>Agent</b>	Red Jewel Fruit Management Pty Ltd., Ballandean, QLD	
<b>Qualified Person</b>	Elise Pike	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	US PP25, 952	
<b>Location</b>	Overseas data was verified in Red Jewel Research Farm, Wamuran, QLD	
<b>Descriptor</b>	Raspberry UPOV TG/43/7	
<b>Period</b>	March to November 2018	
<b>Conditions</b>	Asexual propagation is by root cuttings and tissue culture prior to planting in the field	
<b>Trial Design</b>	Compared with 'BDB-12VF'	
<b>Measurements</b>	Observations and measurements were taken randomly	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
Controlled pollination: Crossing was carried out and seeds extracted in the USA. Seeds germinated and seedlings grown in trials field in Cartaya, Huelva, Spain. Individual seedling selected in October, 2008, coded as BHA-E5 and clonal material propagated for further trials. Plants were transferred to Australia in 2016. Breeders: Harry Jan Swartz Oakland USA, Eva McCarthy Kent GB. Employees of Berryworld Plus Limited, UK.		
<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	spines	present
Fruit	shape	conical
Fruit	colour	red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'BDB-12VF'		

<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>
'Autumn Treasure'	spine	presence	present	absent	

**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>'Autumn Glory'</b>	<b>'BDB-12VF'</b>
<input type="checkbox"/> Plant: habit	upright	upright
<input type="checkbox"/> *Plant: number of current season's canes	medium	medium
<input type="checkbox"/> Current season's cane: length of internode	medium to long	medium
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	long	medium to long
<input type="checkbox"/> *Spines: presence	present	present
<input type="checkbox"/> *Spines: density (varieties with spines present only)	dense	dense
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	medium	medium
<input type="checkbox"/> Spines: length (varieties with spines present only)	short to medium	short to medium
<input type="checkbox"/> Spines: colour (varieties with spines present only)	brownish purple	brownish purple
<input checked="" type="checkbox"/> *Leaf: green colour of upper side	medium	dark
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five	equally three and five
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching	touching
<input checked="" type="checkbox"/> Terminal leaflet: length	medium	long
<input type="checkbox"/> Terminal leaflet: width	medium	medium to broad
<input type="checkbox"/> Flower: size	medium	medium
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	erect	erect
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long	medium to long
<input checked="" type="checkbox"/> *Fruit: length	medium	long
<input checked="" type="checkbox"/> *Fruit: width	medium	broad
<input type="checkbox"/> *Fruit: ratio length/width	medium	medium
<input type="checkbox"/> *Fruit: general shape in lateral view	conical	conical
<input checked="" type="checkbox"/> Fruit: size of single drupe	small	large
<input type="checkbox"/> *Fruit: colour	light red	medium red
<input type="checkbox"/> Fruit: glossiness	strong	medium

<input type="checkbox"/> *Fruit: firmness	firm	firm
<input type="checkbox"/> Fruit: adherence to plug	medium	medium
<input type="checkbox"/> *Fruit: main bearing type	only on previous year's cane in summer	only on current year's cane in autumn
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium to long	medium to long

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Brazil	2017	Applied	'Jade'
Canada	2017	Applied	'Autumn Glory'
EU	2014	Granted	'Jade'
Mexico	2014	Granted	'Jade'
Norway	2016	Granted	'Jade'
Russia	2017	Applied	'Jade'
Serbia	2017	Granted	'Jade'
Switzerland	2015	Granted	'Jade'
USA	2013	Granted	'Autumn Glory'

First sold in Morocco in May 2014 under the name 'Jade'

Description: **Elise Pike**, Ballandean, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2017/094
<b>Variety Name</b>	'Versai'
<b>Genus Species</b>	<i>Rubus idaeus</i>
<b>Common Name</b>	Raspberry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	01 Jun 2017
<b>Applicant</b>	SCEA Marionnet, Loir et Cher, France
<b>Agent</b>	Nerrigundah Berries Pty Ltd., Eacotts Road Hoddles Creek, VIC
<b>Qualified Person</b>	Charlotte Brunt

#### **Details of Comparative Trial**

<b>Location</b>	325 Eacotts Road, Hoddles Creek
<b>Descriptor</b>	UPOV TG/43/7
<b>Period</b>	2018
<b>Conditions</b>	Hydroponically grown in tunnels
<b>Trial Design</b>	10 plants of 'Versai' and 'Erika' grown in same row
<b>Measurements</b>	Measurement were taken randomly selected plants
<b>RHS Chart - edition</b>	n/a

#### **Origin and Breeding**

The new and distinct raspberry variety 'Versai' was derived from a controlled pollination made in 2007 between a proprietary selection 'P22' and a named variety, 'Glen Lyon', as part of a proprietary SCEA MARIONNET breeding programme. The resulting seeds from the cross pollination were germinated and the resulting plants observed in the open field. Seedlings that exhibited desirable characteristics were selected and multiplied for further observations, planted in polythene tunnels. One of the seedlings (breeder's code 'ma 481') was selected in 2009, and subsequently propagated and developed as a commercial variety, named 'Versailles'. Breeder: Laurent Chausset, SCEA Marionnet, Loir et Cher, France.

**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>
Spines	presence	present
Fruit	colour	medium red
Fruit	main bearing type	both previous year's cane in summer & current year's cane in autumn

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

<b>Name</b>	<b>Comments</b>
'Erika'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kwanza'	Fruit	colour	medium red	orange	

**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	'Versai'	'Erika'
<input type="checkbox"/> Plant: habit	semi-upright	semi-upright
<input type="checkbox"/> *Plant: number of current season's canes	few	few
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	absent	absent
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	very weak	-
<input type="checkbox"/> Current season's cane: bloom	weak	weak
<input type="checkbox"/> Current season's cane: anthocyanin colouration	very strong	weak
<input type="checkbox"/> Current season's cane: length of internode	medium	medium
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium to long	long
<input type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer)	medium	
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	long	medium to long
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	purplish brown	-
<input type="checkbox"/> *Spines: presence	present	present
<input checked="" type="checkbox"/> *Spines: density (varieties with spines present only)	very sparse to sparse	medium to dense
<input checked="" type="checkbox"/> Spines: size of base (varieties with spines present only)	very small	medium
<input checked="" type="checkbox"/> Spines: length (varieties with spines present only)	very short	medium
<input type="checkbox"/> Spines: colour (varieties with spines present only)	purple	purple
<input type="checkbox"/> *Leaf: green colour of upper side	medium to dark	medium
<input type="checkbox"/> *Leaf: predominant number of leaflets	three	equally three and five
<input type="checkbox"/> Leaf: profile of leaflets in cross section	concave	concave
<input checked="" type="checkbox"/> *Leaf: rugosity	medium to strong	weak to medium
<input type="checkbox"/> Leaf: relative position of lateral leaflets	touching	touching
<input type="checkbox"/> Terminal leaflet: length	medium to long	long
<input type="checkbox"/> Terminal leaflet: width	broad	medium

<input type="checkbox"/> Pedicel: number of spines	few to medium	medium to many
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	present	absent
<input type="checkbox"/> *Peduncle: intensity of anthocyanin colouration	weak	-
<input type="checkbox"/> Flower: size	large	large
<input type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	-
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium to long	-
<input type="checkbox"/> *Fruit: length	medium to long	long
<input type="checkbox"/> *Fruit: width	broad	broad
<input type="checkbox"/> *Fruit: ratio length/width	medium	medium
<input type="checkbox"/> *Fruit: general shape in lateral view	broad conical	broad conical
<input type="checkbox"/> Fruit: size of single drupe	large to very large	medium
<input type="checkbox"/> *Fruit: colour	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	strong	medium
<input type="checkbox"/> *Fruit: firmness	soft to medium	medium
<input type="checkbox"/> Fruit: adherence to plug	medium	medium
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cane in summer & current year's cane in autumn	both previous year's cane in summer & current year's cane in autumn
<input type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	early	
<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	early	late
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	early to medium	
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium	late to very late
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	early to medium	
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium	late to very late
<input type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	medium	
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties	long	medium

which fruit on current year's cane in autumn)		
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**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Canada	2017	Granted	'Versailles'
EU	2012	Granted	'Versailles'
Morocco	2014	Applied	'Versailles'
Switzerland	2015	Granted	'Versailles'

First sold in March 2013 in France

Description: **Charlotte Brunt**, Mount Evelyn, VIC.

<b>Details of Application</b>		
<b>Application Number</b>	2017/334	
<b>Variety Name</b>	'Castion'	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	03 Jan 2018	
<b>Applicant</b>	Gilberto Molari and Aldo Techh, Fraz, Martorano, Cesena, Italy and Piazza Centrale, Faver, Italy	
<b>Agent</b>	Hydroberry Plants Pty Ltd, Wandin, VIC	
<b>Qualified Person</b>	Charlotte Brunt	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	CENTRALNY OŚRODEK BADANIA ODMIAN ROŚ LIN UPRAWNYCH, SŁUPIA WIELKA, Italy	
<b>Overseas Data Reference Number</b>	MAJ 8091	
<b>Location</b>	ZDOO in Masłowice PL, Italy	
<b>Descriptor</b>	UPOV TG/43/7 and CPVO-TP/43/1 Final	
<b>Period</b>	2015-2017	
<b>Condition</b>	Comparator data was from the DUS trial for 'Versai' (2017/094)	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
Controlled Pollination: The 'Castion' variety was produced by pollination of varieties T35L04 (female parentage) x T05L04 (male parentage). The new cultivar was found to be stable and it's distinctive characteristics have been transmitted without change through succeeding asexual propagation.		
<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	medium red
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Erika'		

**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>'Castion'</b>	<b>'Erika'</b>
<input type="checkbox"/> Plant: habit	upright	semi-upright
<input type="checkbox"/> *Plant: number of current season's canes	few	few
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	absent

<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	weak	-
<input type="checkbox"/> Current season's cane: bloom	medium	weak
<input type="checkbox"/> Current season's cane: anthocyanin colouration	medium	weak
<input type="checkbox"/> Current season's cane: length of internode	medium	medium
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium	long
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	short to medium	-
<input checked="" type="checkbox"/> *Spines: presence	absent	present
<input type="checkbox"/> *Leaf: green colour of upper side	medium to dark	medium
<input type="checkbox"/> *Leaf: predominant number of leaflets	three	equally three and five
<input type="checkbox"/> Leaf: profile of leaflets in cross section	convex	concave
<input type="checkbox"/> *Leaf: rugosity	strong	weak to medium
<input type="checkbox"/> Leaf: relative position of lateral leaflets	free	touching
<input type="checkbox"/> Terminal leaflet: length	medium to long	long
<input type="checkbox"/> Terminal leaflet: width	medium	medium
<input type="checkbox"/> Pedicel: number of spines	many	medium to many
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	present	absent
<input type="checkbox"/> *Peduncle: intensity of anthocyanin colouration	medium to strong	-
<input checked="" type="checkbox"/> Flower: size	small	large
<input type="checkbox"/> *Fruit: length	medium	long
<input type="checkbox"/> *Fruit: width	narrow to medium	broad
<input type="checkbox"/> *Fruit: ratio length/width	medium to large	medium
<input type="checkbox"/> *Fruit: general shape in lateral view	conical	broad conical
<input type="checkbox"/> Fruit: size of single drupe	medium	medium
<input type="checkbox"/> *Fruit: colour	medium red	medium red
<input type="checkbox"/> Fruit: glossiness	strong	medium
<input type="checkbox"/> *Fruit: firmness	soft	medium
<input type="checkbox"/> Fruit: adherence to plug	weak	medium
<input type="checkbox"/> *Fruit: main bearing type	only on current year's cane in autumn	both previous year's cane in summer & current year's cane in autumn

<input type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	medium to late	late
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	medium to late	-
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	late	late to very late
<input type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium to long	medium

**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
EU	2014	Granted	'Castion'
Switzerland	2015	Granted	'Castion'

First sold in July 2014 in Italy.

Description: **Charlotte Brunt**, Mount Evelyn, VIC.

<b>Details of Application</b>		
<b>Application Number</b>	2012/041	
<b>Variety Name</b>	'GRANDEUR'	
<b>Genus Species</b>	<i>Rubus idaeus</i>	
<b>Common Name</b>	Raspberry	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	04 Jun 2012	
<b>Applicant</b>	Plant Sciences Inc and Berry R&D Inc., Watsonville, California, USA	
<b>Agent</b>	Watermark Patent and Trademark Attorneys, Hawthorn, VIC	
<b>Qualified Person</b>	Elise Pike	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)	
<b>Overseas Data Reference Number</b>	PP20,459	
<b>Location</b>	Santa Cruz County, California USA. Overseas data was verified in Wamuran, QLD	
<b>Descriptor</b>	Raspberry ( <i>Rubus idaeus</i> ) TG/43/7	
<b>Period</b>	2017- 2018	
<b>Conditions</b>	The new variety is grown in tunnels under standard raspberry production guidelines.	
<b>Trial Design</b>	Completely randomised design	
<b>Measurements</b>	Measurements and observations were taken from randomly selected plants	
<b>RHS Chart - edition</b>		
<b>Origin and Breeding</b>		
Controlled pollination: Seedling resulting from the controlled crossing of female parent 'PSI-737' and pollen parent 'PS-1509' and was asexually propagated. The new variety has remained true to type through successive generations. Breeders: Steven M Ackerman and Scott W Adams. Assignees: Plant Sciences Inc and Berry R&D Inc. of Watsonville California US.		
<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>
Very young shoot	anthocyanin colouration of apex during rapid growth	present
Spines	presence	present
Fruit	colour	medium red
Fruit	main bearing type	both previous year's cane in summer & current year's cane in autumn

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
'PS-1049'					
'PS-1703'					
<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
PS-1509	Fruit	size	large	medium	

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

Organ/Plant Part: Context	'GRANDEUR'	'PS-1049'	'PS-1703'
<input type="checkbox"/> Plant: habit	upright	semi-upright	semi-upright
<input type="checkbox"/> *Plant: number of current season's canes	medium	medium	medium to many
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present	present
<input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	weak	weak to medium	weak to medium
<input checked="" type="checkbox"/> Current season's cane: bloom	absent or very weak	strong	medium to strong
<input type="checkbox"/> Current season's cane: anthocyanin colouration	medium	weak to medium	weak to medium
<input type="checkbox"/> Current season's cane: length of vegetative bud	medium	short to medium	medium
<input type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	long	long	medium to long
<input type="checkbox"/> *Spines: presence	present	present	present
<input type="checkbox"/> *Spines: density (varieties with spines present only)	medium	medium	medium
<input type="checkbox"/> Spines: size of base (varieties with spines present only)	medium		
<input type="checkbox"/> Spines: length (varieties with spines present only)	medium		
<input type="checkbox"/> Spines: colour (varieties with spines present only)	purple	purple	purple
<input type="checkbox"/> *Leaf: green colour of upper side	medium	medium	medium to dark
<input checked="" type="checkbox"/> *Leaf: predominant number of leaflets	three	equally three and five	five

<input type="checkbox"/>	Leaf: profile of leaflets in cross section	straight	concave	straight
<input checked="" type="checkbox"/>	*Leaf: rugosity	very strong	medium	medium to strong
<input type="checkbox"/>	Terminal leaflet: length	medium to long	long	medium
<input type="checkbox"/>	Terminal leaflet: width	medium	medium	narrow to medium
<input type="checkbox"/>	Pedice: number of spines	many	many	medium
<input type="checkbox"/>	*Peduncle: presence of anthocyanin colouration	present	present	present
<input type="checkbox"/>	*Peduncle: intensity of anthocyanin colouration	very weak	very weak	weak
<input checked="" type="checkbox"/>	Flower: size	large		medium
<input type="checkbox"/>	Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	semi-erect	horizontal to drooping
<input type="checkbox"/>	*Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	medium		
<input type="checkbox"/>	*Fruit: length	long	medium to long	medium to long
<input type="checkbox"/>	*Fruit: width	medium to broad	medium	medium to broad
<input type="checkbox"/>	*Fruit: ratio length/width	medium to large	medium	medium
<input type="checkbox"/>	*Fruit: general shape in lateral view	conical	conical	conical
<input checked="" type="checkbox"/>	Fruit: size of single drupe	large	medium	medium
<input type="checkbox"/>	*Fruit: colour	medium red	medium red	medium red
<input type="checkbox"/>	Fruit: glossiness	medium	medium	strong
<input type="checkbox"/>	*Fruit: firmness	very firm	very firm	firm
<input type="checkbox"/>	Fruit: adherence to plug	weak	weak	weak
<input type="checkbox"/>	*Fruit: main bearing type	both previous year's cane in summer & current year's cane in autumn	both previous year's cane in summer & current year's cane in autumn	both previous year's cane in summer & current year's cane in autumn
<input type="checkbox"/>	*Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	medium	medium	medium
<input type="checkbox"/>	*Time of: cane emergence (varieties which fruit on current year's cane in autumn)	early to medium	medium	early
<input type="checkbox"/>	*Time of: beginning of flowering on previous year's cane (varieties which fruit on	medium	medium	medium

previous year's cane in summer)			
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	medium	medium	early
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	medium	medium	medium
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium	medium	early
<input type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	medium	medium to long	medium to long
<input checked="" type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	medium	long	long

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

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Canada	2016	Applied	'GRANDEUR'
Chile	2010	Granted	'GRANDEUR'
EU	2009	Granted	'GRANDEUR'
Kenya	2014	Applied	'GRANDEUR'
Mexico	2009	Granted	'GRANDEUR'
Morocco	2012	Applied	'GRANDEUR'
New Zealand	2012	Applied	'GRANDEUR'
Norway	2013	Granted	'GRANDEUR'
Peru	2013	Granted	'GRANDEUR'
South Africa	2012	Applied	'GRANDEUR'
Switzerland	2012	Granted	'GRANDEUR'
USA	2008	Granted	'GRANDEUR'
Turkey	2012	Granted	'GRANDEUR'

First sold in the USA in January 2009.

Description: **Elise Pike**, Red Jewel Nursery, Ballandean, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2018/085	
<b>Variety Name</b>	'Shinnosuke'	
<b>Genus Species</b>	<i>Oryza sativa</i>	
<b>Common Name</b>	Rice	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	21 May 2018	
<b>Applicant</b>	Niigata Prefecture, Nigata, Japan	
<b>Agent</b>	IP Solved (ANZ) Pty. Ltd., Sydney, NSW	
<b>Qualified Person</b>	Katrina Ovenden	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Plant Variety Protection Office, Japan	
<b>Overseas Data Reference Number</b>	Application No. 30636	
<b>Location</b>	Niigata Agricultural Research Institute (Nagaoka-shi, Niigata, Japan)	
<b>Descriptor</b>	Rice TG/16/8 2004_03_31	
<b>Period</b>	2016	
<b>Conditions</b>	No details available	
<b>Trial Design</b>	No details available	
<b>Measurements</b>	No details available	
<b>RHS Chart - edition</b>	Nil	
<b>Origin and Breeding</b>		
<p>Controlled pollination: In 2003, a female parent variety "Niigata 75 Go" and a male parent variety "Hokuriku 190 Go" were artificially crossbred at Niigata Agricultural Research Institute, Niigata Crop Research Center (Nagaoka city, Niigata prefecture, Japan). The first generation (F1) of the crossbred hybrid was grown in 2004, followed by generation advancement in a greenhouse from October 2004 to October 2005 to grow generations F2 through F4 unselectively. In 2006, a line F5 consisting of five individuals derived from a F4 individual was grown by selection on a panicle-by-panicle basis, and line selection was conducted based on the line F5. Thereafter, a pedigree method was performed for line selection and fixation, and consequently a fixed variety was obtained. In 2012, the fixed variety was given the line name of "Niigata 103 Go" and subjected to tests such as yield test and characteristics test. In 2015, the characteristics of the line "Niigata 103 Go" were confirmed, and the breeding was finished. As of 2016, the line "Niigata 103 Go" is in its 15th generation.</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>
Endosperm	type	non-glutinous
Spikelet	colour of lemma	white
Leaf	anthocyanin colouration of auricles	absent
Decorticated grain	colour	Light brown

Decorticated grain	aroma	absent or very weak
Decorticated grain	Shape (in lateral view)	semi-round
Leaf blade	Pubescence of leaf surface	medium

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

Name	Comments
'Koshihikari'	Japanese short grain variety
'Akisakari'	Japanese short grain variety
'Ikuhikari'	Japanese short grain variety
'Opus'	Australian short grain variety
'Uraraka'	Australian short grain variety
'Nipponbare'	Japanese short grain variety

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Koshihikari'	Stem	length	medium	Long	'Koshihikari' was excluded due to substantially longer stems
'Nipponbare'	Panicle	time of heading	medium	late	'Nipponbare' was excluded due to substantially later flowering time
'Uraraka'	Panicle	time of heading	medium	very early	'Uraraka' was excluded due to substantially earlier flowering time
'Opus'	Panicle	exsertion	well exserted	just exserted	'Opus' was excluded due to difference in panicle exsertion

#### 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	'Shinnosuke'	'Akisakari'	'Ikuhikari'
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	-
<input type="checkbox"/> Basal leaf: sheath colour	green	green	-
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	-
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	-
<input type="checkbox"/> Leaf sheath: anthocyanin	absent	absent	-

colouration			
<input type="checkbox"/> Leaf blade: pubescence of surface	medium	medium	-
<input type="checkbox"/> *Leaf: anthocyanin colouration of auricles	absent	absent	-
<input type="checkbox"/> Leaf: anthocyanin colouration of collar	absent	absent	-
<input type="checkbox"/> Leaf: shape of ligule	cleft	cleft	-
<input type="checkbox"/> Leaf: colour of ligule	colourless	colourless	-
<input type="checkbox"/> *Flag leaf: attitude of blade (early observation)	erect	erect	-
<input type="checkbox"/> *Flag leaf: attitude of blade (late observation)	semi-erect	semi-erect	-
<input type="checkbox"/> Culm: habit	semi-erect	semi-erect	-
<input checked="" type="checkbox"/> *Time of: heading	medium to late	medium to late	medium
<input type="checkbox"/> Lemma: anthocyanin colouration of keel (early observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> Lemma: anthocyanin colouration of area below apex (early observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> *Lemma: anthocyanin colouration of apex (early observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> *Spikelet: colour of stigma	white	white	-
<input type="checkbox"/> Stem: thickness	medium	medium	-
<input type="checkbox"/> *Stem: length (non-prostrate varieties only)	medium	short to medium	-
<input type="checkbox"/> *Stem: anthocyanin colouration of nodes	absent	absent	-
<input type="checkbox"/> Stem: anthocyanin colouration of internodes	absent	absent	-
<input type="checkbox"/> *Panicle: length of main axis	medium	short to medium	-
<input type="checkbox"/> Panicle: number per plant	medium to many	many	-
<input checked="" type="checkbox"/> Panicle: awns	absent	present	-
<input type="checkbox"/> *Spikelet: pubescence of lemma	medium	medium	-
<input type="checkbox"/> Spikelet: colour of tip of	white	white	-

lemma			
<input type="checkbox"/> *Panicle: attitude in relation to stem	slightly drooping	slightly drooping	-
<input type="checkbox"/> Panicle: presence of secondary branching	present	present	-
<input type="checkbox"/> Panicle: type of secondary branching	type 2	type 2	-
<input type="checkbox"/> *Panicle: attitude of branches	erect to semi-erect	erect to semi-erect	-
<input type="checkbox"/> Panicle: exertion	well exerted	well exerted	-
<input checked="" type="checkbox"/> Time of: maturity	intermediate to late	intermediate to late	early to intermediate
<input type="checkbox"/> Leaf: time of senescence	late	late	-
<input type="checkbox"/> Lemma: colour	light gold	light gold	-
<input type="checkbox"/> Lemma: ornamentation	absent	absent	-
<input type="checkbox"/> Lemma: anthocyanin colouration of keel (late observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> Lemma: anthocyanin colouration of area below apex (late observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> Lemma: anthocyanin colouration of apex (late observation)	absent or very weak	absent or very weak	-
<input type="checkbox"/> Glume: length	medium	medium	-
<input type="checkbox"/> Glume: colour	straw	straw	-
<input type="checkbox"/> Grain: weight of 1000	medium to high	medium	-
<input type="checkbox"/> Grain: length	medium to long	medium	-
<input type="checkbox"/> Grain: width	medium to broad	medium	-
<input type="checkbox"/> Lemma: phenol reaction	absent	absent	-
<input type="checkbox"/> *Decorticated grain: length	medium to long	medium	-
<input type="checkbox"/> Decorticated grain: width	medium to broad	medium	-
<input type="checkbox"/> *Decorticated grain: shape (in lateral view)	semi-round	semi-round	-
<input type="checkbox"/> *Decorticated grain: colour	light brown	white	-
<input type="checkbox"/> Endosperm: type	non-glutinous	non-glutinous	-
<input type="checkbox"/> Endosperm: content of amylose	state 5	state 6	-

<input type="checkbox"/> *Decorticated grain: aroma	absent or very weak	absent or very weak	-
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**Prior Applications and Sales:**

<b>Country</b>	<b>Year</b>	<b>Status</b>	<b>Name Applied</b>
Japan	2015	Granted	'Shinnosuke'

First sold in Japan in Mar 2015.

Description: **Katrina Oviden**, Agritrix Consulting, Leeton, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2017/040
<b>Variety Name</b>	'SoCool Lilac'
<b>Genus Species</b>	<i>Salvia</i> hybrid
<b>Common Name</b>	Sage
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Apr 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

#### **Details of Comparative Trial**

<b>Location</b>	Wonga Park, VIC
<b>Descriptor</b>	PBR SALV 2 <i>Salvia</i> (new) <i>Salvia</i>
<b>Period</b>	April 2018 to December 2018
<b>Conditions</b>	Trial conducted in the open with overhead irrigation, plants propagated via cuttings in April 2018 and transferred to 140mm pots in September 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

#### **Origin and Breeding**

Controlled pollination: As part of an ongoing *Salvia* Breeding program the introduction of Blue / purple shades were undertaken in Feb 2012. The Female Parent *Salvia* 'Heatwave Glare' was selected due to its outstanding plant habit - dense, length of flowering - long, inflorescence characteristics- upright and dense, and flower presentation open and flattened lower lip. This was crossed with several purple - blue forms including 'Ultra Violet'. From this cross seed was collected in May 2012 and sown in August 2012. This generation was then raised in 140mm containers to flowering maturity in Feb 2013. Three selections were made on the basis of the same maternal characteristics and flower colour. All selection was grown for a following year as garden plants before final selection in April 2014. Final selection criteria flower colour lilac (light Violet-Blue). All subsequent generations have been uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, VIC.

**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 group	purple
Leaf	shape	oblong
Leaf	presence of variegation	absent
Leaf	incision of margin	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'So Cool Violet'	
'So Cool Purple'	
'Mesa Azure'	
'Mesa Purple'	

**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>'SoCool Lilac'</b>	<b>'Mesa Azure'</b>	<b>'Mesa Purple'</b>	<b>'So Cool Purple'</b>	<b>'So Cool Violet'</b>
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright	upright	upright
<input checked="" type="checkbox"/> *Plant: density	medium to dense	medium to dense	medium	medium	sparse
<input type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	weak to medium	weak to medium	weak to medium	weak
<input type="checkbox"/> Leaf: shape	oblong	oblong	oblong	oblong	oblong
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present	present	present
<input type="checkbox"/> Leaf: depth of incision	shallow	shallow	shallow	shallow	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate	crenate	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak to medium	weak to medium	medium to strong	weak to medium	medium to strong
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium to strong	weak	weak to medium	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium to strong	weak	weak	medium to strong	medium to strong
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	144A	144A	144A	144A	144A
<input type="checkbox"/> Inflorescence: number of flowers per node	1 or 2 only	1 or 2 only	1, 2 or more	1, 2 or more	1 or 2 only
<input type="checkbox"/> Calyx: anthocyanin colouration	strong	strong to very strong	strong to very strong	strong	strong to very strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	85B	86B	83B	N81B	83C

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>SoCool Lilac</b>	<b>Mesa Azure</b>	<b>Mesa Purple</b>	<b>So Cool Purple</b>	<b>So Cool Violet</b>
<input checked="" type="checkbox"/> Corolla: predominate colour of	85B	86B	83B	N81B	83C

tube (RHS colour chart)					
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	absent	present	present	absent	absent
<input checked="" type="checkbox"/> Corolla: colour of central eye zone on lower lip (RHS colour chart)	N/A	N155B	N155A	N/A	N/A
<input type="checkbox"/> Corolla: undulation of margin of lower lip	weak to medium	weak to medium	medium	weak to medium	medium
<input type="checkbox"/> Plant: height	short to medium	short to medium	medium	medium	short to medium
<input type="checkbox"/> Leaf blade: length	short	medium	short to medium	short to medium	medium
<input type="checkbox"/> Leaf blade: width	narrow	medium	narrow to medium	narrow to medium	medium
<input type="checkbox"/> Flower: colour group	purple	purple	purple	purple	purple
<input type="checkbox"/> Inflorescence: length	short to medium	short to medium	medium	medium	short to medium
<input type="checkbox"/> Inflorescence: length of internodes	medium to long	short to medium	medium to long	medium	medium
<input type="checkbox"/> Inflorescence: number of florets per node	few	few	few	few	few
<input checked="" type="checkbox"/> Upper lip: main colour of outer side (RHS colour chart)	86C	83D	83A	77A	83C
<input type="checkbox"/> Corolla: length	medium to long	medium to long	short to medium	medium to long	medium to long
<input type="checkbox"/> Corolla: height	medium	short to medium	short to medium	medium	short to medium
<input type="checkbox"/> Corolla tube: length	medium	medium	short to medium	medium	medium
<input type="checkbox"/> Corolla: lower lip width	broad	broad	medium to broad	broad	medium to broad
<input type="checkbox"/> Calyx: length	short	very short to short	short	short	short
<input type="checkbox"/> Calyx: main colour of outer side (RHS colour chart)	N186A	N186B	N186A	N186B	N186B
<input checked="" type="checkbox"/> Leaf: shape of apex	rounded	acute	acute	rounded	acute

**Prior Applications and Sales:**

Nil

First sold in New Zealand in Feb: 2016.

Description: **Amelia Pegg**, Plant Growers Australia, Wonga Park, VIC 3115.

<b>Details of Application</b>	
<b>Application Number</b>	2017/041
<b>Variety Name</b>	'SoCool Violet'
<b>Genus Species</b>	<i>Salvia</i> hybrid
<b>Common Name</b>	Sage
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Apr 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

#### **Details of Comparative Trial**

<b>Location</b>	Wonga Park, VIC
<b>Descriptor</b>	PBR SALV 2 <i>Salvia</i> (new) <i>Salvia</i>
<b>Period</b>	April 2018 to December 2018
<b>Conditions</b>	Trial conducted in the open with overhead irrigation, plants propagated via cuttings in April 2018 and transferred to 140mm pots in September 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

#### **Origin and Breeding**

Controlled pollination: As part of an ongoing *Salvia* Breeding program the introduction of Blue / purple shades were undertaken in Feb 2012. The Female Parent *Salvia* 'Heatwave Glare' was selected due to its outstanding plant habit - dense, length of flowering - long, inflorescence characteristics- upright and dense, and flower presentation open and flattened lower lip. This was crossed with several purple - blue forms including 'Ultra Violet'. From this cross seed was collected in May 2012 and sown in August 2012. This generation was then raised in 140mm containers to flowering maturity in Feb 2013. Three selections were made on the basis of the same maternal characteristics and flower colour. All selection was grown for a following year as garden plants before final selection in April 2014. Final selection criteria flower colour dark violet. All subsequent generations have been uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, VIC.

**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>
Leaf	shape	oblong
Flower	colour group	purple
Leaf	presence of variegation	absent
Leaf	incision of margin	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'So Cool Lilac'	
'So Cool Purple'	
'Mesa Azure'	
'Mesa Purple'	

**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>'SoCool Violet'</b>	<b>'Mesa Azure'</b>	<b>'Mesa Purple'</b>	<b>'So Cool Lilac'</b>	<b>'So Cool Purple'</b>
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright	upright	upright
<input checked="" type="checkbox"/> <input type="checkbox"/> *Plant: density	sparse	medium to dense	medium	medium to dense	medium
<input type="checkbox"/> Stem: anthocyanin colouration	weak	weak to medium	weak to medium	very weak to weak	weak to medium
<input type="checkbox"/> Leaf: shape	oblong	oblong	oblong	oblong	oblong
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present	present	present
<input type="checkbox"/> Leaf: depth of incision	shallow	shallow	shallow	shallow	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate	crenate	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	medium to strong	weak to medium	medium to strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium to strong	weak	weak to medium	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium to strong	weak	weak	medium to strong	medium to strong
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	144A	144A	144A	144A	144A
<input type="checkbox"/> Inflorescence: number of flowers per node	1 or 2 only	1 or 2 only	1, 2 or more	1 or 2 only	1, 2 or more
<input type="checkbox"/> Calyx: anthocyanin colouration	strong to very strong	strong to very strong	strong to very strong	strong	strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	83C	86B	83B	85B	N81B
<b>Characteristics Additional to the Descriptor/TG</b>					
<b>Organ/Plant Part: Context</b>	<b>'SoCool Violet'</b>	<b>'Mesa Azure'</b>	<b>'Mesa Purple'</b>	<b>'So Cool Lilac'</b>	<b>'So Cool Purple'</b>
<input checked="" type="checkbox"/> Corolla: predominate colour of	83C	86B	83B	85B	N81B

tube (RHS colour chart)					
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	absent	present	present	absent	absent
<input checked="" type="checkbox"/> Corolla: colour of central eye zone on lower lip (RHS colour chart)	N/A	N155B	N155A	N/A	N/A
<input type="checkbox"/> Corolla: undulation of margin of lower lip	medium	weak to medium	medium	weak to medium	weak to medium
<input type="checkbox"/> Plant: height	short to medium	short to medium	medium	short to medium	medium
<input type="checkbox"/> Leaf blade: length	medium	medium	short to medium	short	short to medium
<input type="checkbox"/> Leaf blade: width	medium	medium	narrow to medium	narrow	narrow to medium
<input type="checkbox"/> Flower: colour group	purple	purple	purple	purple	purple
<input type="checkbox"/> Inflorescence: length	short to medium	short to medium	medium	short to medium	medium
<input type="checkbox"/> Inflorescence: length of internodes	medium	short to medium	medium to long	medium to long	medium
<input type="checkbox"/> Inflorescence: number of florets per node	few	few	few	few	few
<input checked="" type="checkbox"/> Upper lip: main colour of outer side (RHS colour chart)	83C	83D	83A	86C	77A
<input type="checkbox"/> Corolla: length	medium to long	medium to long	short to medium	medium to long	medium to long
<input type="checkbox"/> Corolla: height	short to medium	short to medium	short to medium	medium	medium
<input type="checkbox"/> Corolla tube: length	medium	medium	short to medium	medium	medium
<input type="checkbox"/> Corolla: lower lip width	medium to broad	broad	medium to broad	broad	broad
<input type="checkbox"/> Calyx: length	short	very short to short	short	short	short
<input type="checkbox"/> Calyx: main colour of outer side (RHS colour chart)	N186B	N186B	N186A	N186A	N186B
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	acute	acute	rounded	rounded

**Prior Applications and Sales:**

Nil

First sold in New Zealand in Feb: 2016.

Description: **Amelia Pegg**, Plant Growers Australia, Wonga Park, VIC 3115.

<b>Details of Application</b>	
<b>Application Number</b>	2017/039
<b>Variety Name</b>	'SoCool Purple'
<b>Genus Species</b>	<i>Salvia</i> hybrid
<b>Common Name</b>	Sage
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Apr 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

#### **Details of Comparative Trial**

<b>Location</b>	Wonga Park, VIC
<b>Descriptor</b>	PBR SALV 2 <i>Salvia</i> (new) <i>Salvia</i>
<b>Period</b>	April 2018 to December 2018
<b>Conditions</b>	Trial conducted in the open with overhead irrigation, plants propagated via cuttings in April 2018 and transferred to 140mm pots in September 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

#### **Origin and Breeding**

Controlled pollination: As part of an ongoing *Salvia* Breeding program the introduction of Blue / purple shades were undertaken in Feb 2012. The Female Parent *Salvia* 'Heatwave Glare' was selected due to its outstanding plant habit - dense, length of flowering - long, inflorescence characteristics- upright and dense, and flower presentation open and flattened lower lip. This was crossed with several purple - blue forms including 'Ultra Violet'. From this cross seed was collected in May 2012 and sown in August 2012. This generation was then raised in 140mm containers to flowering maturity in Feb 2013. Three selections were made on the basis of the same maternal characteristics and flower colour. All selection was grown for a following year as garden plants before final selection in April 2014. Final selection criteria flower colour Purple (mid purple-violet). All subsequent generations have been uniform and stable. Breeder: Plant Growers Australia Pty Ltd, Wonga Park, VIC.

**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 group	purple
Leaf	variegation	absent
Leaf	shape	oblong
Leaf	incision of margin	present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'So Cool Violet'	
'So Cool Lilac'	
'Mesa Azure'	
'Mesa Purple'	

**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>'SoCool Purple'</b>	<b>'Mesa Azure'</b>	<b>'Mesa Purple'</b>	<b>'So Cool Lilac'</b>	<b>'So Cool Violet'</b>
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright	upright	upright
<input checked="" type="checkbox"/> *Plant: density	medium	medium to dense	medium	medium to dense	sparse
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	weak to medium	weak to medium	weak to medium	very weak to weak	weak
<input type="checkbox"/> Leaf: shape	oblong	oblong	oblong	oblong	oblong
<input checked="" type="checkbox"/> Leaf: shape of apex	rounded	acute	acute	rounded	acute
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present	present	present
<input type="checkbox"/> Leaf: depth of incision	shallow	shallow	shallow	shallow	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate	crenate	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak to medium	weak to medium	medium to strong	weak to medium	medium to strong
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium to strong	weak	weak to medium	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium to strong	weak	weak	medium to strong	medium to strong
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	144A	144A	144A	144A	144A
<input type="checkbox"/> Inflorescence: number of flowers per node	1, 2 or more	1 or 2 only	1, 2 or more	1 or 2 only	1 or 2 only
<input type="checkbox"/> Calyx: anthocyanin colouration	strong	strong to very strong	strong to very strong	strong	strong to very strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	N81B	86B	83B	85B	83C

<b>Characteristics Additional to the Descriptor/TG</b>					
<b>Organ/Plant Part: Context</b>	<b>'SoCool Purple'</b>	<b>'Mesa Azure'</b>	<b>'Mesa Purple'</b>	<b>'So Cool Lilac'</b>	<b>'So Cool Violet'</b>

<input checked="" type="checkbox"/> Corolla: predominate colour of tube (RHS colour chart)	N81B	86B	83B	85B	83C
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	absent	present	present	absent	absent
<input checked="" type="checkbox"/> Corolla: colour of central eye zone on lower lip (RHS colour chart)	N/A	N155B	N155A	N/A	N/A
<input type="checkbox"/> Corolla: undulation of margin of lower lip	weak to medium	weak to medium	medium	weak to medium	weak to medium
<input type="checkbox"/> Plant: height	medium	short to medium	medium	short to medium	short to medium
<input type="checkbox"/> Leaf blade: length	short to medium	medium	short to medium	short	medium
<input type="checkbox"/> Leaf blade: width	narrow to medium	medium	narrow to medium	medium	medium
<input type="checkbox"/> Flower: colour group	purple	purple	purple	purple	purple
<input type="checkbox"/> Inflorescence: length	medium	short to medium	medium	short to medium	short to medium
<input type="checkbox"/> Inflorescence: length of internodes	medium	short to medium	medium to long	medium to long	medium
<input type="checkbox"/> Inflorescence: number of florets per node	few	few	few	few	few
<input checked="" type="checkbox"/> Upper lip: main colour of outer side (RHS colour chart)	77A	83D	83A	86C	83C
<input type="checkbox"/> Corolla: length	medium to long	medium to long	short to medium	medium to long	medium to long
<input type="checkbox"/> Corolla: height	medium	short to medium	medium	medium	short to medium
<input type="checkbox"/> Corolla tube: length	medium	medium	medium	medium	medium
<input type="checkbox"/> Corolla: lower lip width	broad	broad	medium to broad	broad	medium to broad
<input type="checkbox"/> Calyx: length	short	very short to short	short	short	short
<input type="checkbox"/> Calyx: main colour of outer side (RHS colour chart)	N186B	N186B	N186A	N186A	N186B

**Prior Applications and Sales:**

Nil

First sold in New Zealand in Feb: 2016.

Description: **Amelia Pegg**, Plant Growers Australia, Wonga Park, VIC 3115.

<b>Details of Application</b>	
<b>Application Number</b>	2017/331
<b>Variety Name</b>	'Mossman HB1'
<b>Genus Species</b>	<i>Glycine max</i>
<b>Common Name</b>	Soybean
<b>Synonym</b>	Nil
<b>Accepted Date</b>	09 Jan 2018
<b>Applicant</b>	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT, Grains Research and Development Corporation, Kingston, ACT and NSW, Department of Primary Industries, Orange, NSW.
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew James
<b>Details of Comparative Trial</b>	
<b>Location</b>	Gatton, Queensland
<b>Descriptor</b>	TG/80/6 Soya Bean ( <i>Glycine max</i> )
<b>Period</b>	January to May 2018
<b>Conditions</b>	Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertilizer to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests.
<b>Trial Design</b>	Randomised complete block design.
<b>Measurements</b>	Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination: F1 grown in the glasshouse at St Lucia and validated as a hybrid due to tolerance to the herbicide metsulfuron methyl inherited as dominant traits from the paternal parent. Advanced F1 to F4 as single seed descent, then selection for tolerance to the herbicide metsulfuron methyl, maturity matching Leichhardt and light-grey hilum-colour. F5 through to F8 selected for plant habit and maturity similar to the cultivar Leichhardt. Breeder: Andrew James, Gatton, Queensland.	

<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		
Pubescence	colour		tawny		
Stem	termination		determinate		
Maturity	time to maturity		late		
Flower	colour		purple		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
'Leichhardt'		Variety 'Mossman HB1' is derived from a backcross of the Als 1 gene conferring enhanced tolerance to Group B herbicides into the variety 'Leichhardt'. The two varieties are therefore very similar except for their response to herbicide			
<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
'Stuart'	stem	termination	determinate	indeterminate	

**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	'Mossman HB1'	'Leichhardt'
<input type="checkbox"/> *Hypocotyl: anthocyanin colouration	present	present
<input type="checkbox"/> Hypocotyl: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Plant: growth type	determinate	determinate
<input type="checkbox"/> Plant: growth habit	erect	erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	tawny	tawny
<input type="checkbox"/> *Plant: height	tall	tall
<input type="checkbox"/> Leaf: blistering	medium	medium
<input type="checkbox"/> *Leaf: shape of lateral leaflet	pointed ovate	pointed ovate
<input type="checkbox"/> Leaf: size of lateral leaflet	medium to large	medium
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark
<input type="checkbox"/> *Flower: colour	violet	violet
<input type="checkbox"/> Pod: intensity of brown colour	medium	light to medium
<input type="checkbox"/> Seed: size	small to medium	small to medium
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow
<input checked="" type="checkbox"/> *Seed: hilum colour	grey	dark brown

<input type="checkbox"/> Seed: colour of hilum funicle	different to testa	different to testa
<input type="checkbox"/> *Plant: time of beginning of flowering	late	late
<input type="checkbox"/> *Plant: time of maturity	late	late

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Mossman HB1'</b>	<b>'Leichhardt'</b>
<input checked="" type="checkbox"/> Plant: response to halosulfuron herbicide	tolerant	susceptible
<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'Mossman HB1'</b>	<b>'Leichhardt'</b>
<input checked="" type="checkbox"/> Flowering: days from sowing to flowering (days)		
Mean	66.33	62.33
Std. Deviation	0.20	0.33
LSD/sig	1.09	P<0.01
<input type="checkbox"/> Height: length of the main stem (cm)		
Mean	88.00	85.00
Std. Deviation	4.00	1.00
LSD/sig	26.25	ns
<input type="checkbox"/> Main stem nodes: number of nodes on the main stem (count)		
Mean	19.90	19.00
Std. Deviation	0.96	0.20
LSD/sig	5.81	ns
<input type="checkbox"/> Total nodes: total nodes on the plant (count)		
Mean	24.00	23.00
Std. Deviation	0.20	0.30
LSD/sig	1.51	ns

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

Nil

Description: **Andrew James**, Gatton, Queensland.

<b>Details of Application</b>	
<b>Application Number</b>	2018/031
<b>Variety Name</b>	'New Bunya HB1'
<b>Genus Species</b>	<i>Glycine max</i>
<b>Common Name</b>	Soybean
<b>Synonym</b>	Nil
<b>Accepted Date</b>	08 Mar 2018
<b>Applicant</b>	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT, Grains Research and Development Corporation, Kingston, ACT and NSW, Department of Primary Industries, Orange, NSW.
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew James
<b>Details of Comparative Trial</b>	
<b>Location</b>	Gatton, Queensland
<b>Descriptor</b>	Soya Bean ( <i>Glycine max</i> ) TG/80/6
<b>Period</b>	January to May 2018
<b>Conditions</b>	Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertilizer to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests.
<b>Trial Design</b>	Randomised complete block design.
<b>Measurements</b>	Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination: F1 grown in the glasshouse at St Lucia and validated as a hybrid due to tolerance to the herbicide metsulfuron methyl inherited as a dominant traits from the paternal parent. Advanced F1 to F4 as single seed descent, then selection for tolerance to the herbicide metsulfuron methyl, resistance to powdery mildew ( <i>Peronospora manshurica</i> ), quality traits matching Bunya and maturity matching Bunya. F5 through to F8 selected for plant habit and maturity similar to the parent Bunya. Breeder: Andrew James, Gatton, Queensland.	

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	large ovate
Pubescence	colour	grey
Seed	size	large
Stem	termination	determinate
Hilum	colour	yellow
Flower	colour	white
Flowering	days from planting to flowering in daylengths shorter than 10 hours	medium

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

Name	Comments
'Bunya'	'Bunya' is the recurrent parent of the backcrossed line that became New Bunya HB1. As such it is very similar to the candidate variety.

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hayman'	stem	termination	determinate	indeterminate	
'Moonbi'	stem	termination	determinate	indeterminate	
'Richmond'	flowering	time to late flowering under daylengths shorter than 10 hours		very early	
'Warrigal'	leaf	size	rounded ovate	pointed ovate	
'Warrigal'	seed	size of seed	large	small to medium	

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

Organ/Plant Part: Context	'New Bunya HB1'	'Bunya'
<input type="checkbox"/> *Hypocotyl: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Plant: growth type	determinate	determinate
<input type="checkbox"/> Plant: growth habit	erect	erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	grey	tawny
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> Leaf: blistering	weak to medium	weak to medium

<input type="checkbox"/> *Leaf: shape of lateral leaflet	rounded ovate	rounded ovate
<input type="checkbox"/> Leaf: size of lateral leaflet	large	large
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark
<input type="checkbox"/> *Flower: colour	white	white
<input type="checkbox"/> Pod: intensity of brown colour	light to medium	light to medium
<input type="checkbox"/> Seed: size	large	large
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow
<input type="checkbox"/> *Seed: hilum colour	yellow	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testa	same as testa
<input type="checkbox"/> *Plant: time of beginning of flowering	medium	medium to late
<input type="checkbox"/> *Plant: time of maturity	medium	medium to late

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'New Bunya HB1'</b>	<b>'Bunya'</b>
<input checked="" type="checkbox"/> Plant: response to halosulfuron herbicide	tolerant	susceptible
<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'New Bunya HB1'</b>	<b>'Bunya'</b>
<input type="checkbox"/> Flowering: days from sowing to flowering (days)		
Mean	45.66	46.00
Std. Deviation	0.58	0.00
LSD/sig	3.308	ns
<input type="checkbox"/> Height: length of the main stem (cm)		
Mean	80.33	80.33
Std. Deviation	2.08	2.08
LSD/sig	23.15	ns
<input type="checkbox"/> Main stem nodes: number of nodes on the main stem (count)		
Mean	13.10	13.10
Std. Deviation	0.10	0.10
LSD/sig	0.66	ns
<input type="checkbox"/> Total nodes: total nodes on the plant (count)		
Mean	25.23	25.10
Std. Deviation	0.06	0.10
LSD/sig	0.66	ns

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

Nil

Description: **Andrew James**, Gatton, Queensland.

<b>Details of Application</b>	
<b>Application Number</b>	2017/025
<b>Variety Name</b>	'Burrinjuck'
<b>Genus Species</b>	<i>Glycine max</i>
<b>Common Name</b>	Soybean
<b>Synonym</b>	Nil
<b>Accepted Date</b>	20 Mar 2017
<b>Applicant</b>	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT, Grains Research and Development Corporation, Kingston, ACT and NSW, Department of Primary Industries, Orange, NSW.
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew James
<b>Details of Comparative Trial</b>	
<b>Location</b>	Gatton, Queensland
<b>Descriptor</b>	Soya Bean ( <i>Glycine max</i> ) TG/80/6
<b>Period</b>	January to May 2018
<b>Conditions</b>	Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertilizer to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests.
<b>Trial Design</b>	Randomised complete block design.
<b>Measurements</b>	Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination: F1 grown in the glasshouse at St Lucia and validated as a hybrid due to presence of ovate leaf and purple flowers inherited as dominant traits from the paternal parent. Advanced F1 to F4 as single seed descent, then selection for early maturity, apparent resistance to pod shattering, upright growth habit and yellow hilum. F5 grown at Yanco, selection for appropriate phenology, absence of disease, upright stature, apparent resistance to pod shattering, large seed size and high seed production. F6 to F15 - selection for early maturity, lodging resistance, apparent absence of phytophthora root rot, high seed protein content, large seed size and high grain yield. In F12 to F15 additional selection criteria included culinary quality	

testing for suitability for manufacture of tofu and soy milk. Breeder: Andrew James, Gatton, Queensland.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Hilum	colour	yellow

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

Name	Comments
'Snowy'	Snowy is a parent of 'Burrinjuck'. It shares similar maturity, leaf shape, and hilum colour.
'Bidgee'	'Burrinjuck' shares similar maturity, leaf shape and hilum colour.

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Hilum	colour			
'Djakal'	Hilum	colour	yellow	buff	hilum colour is a clear and easily determined difference.
'Hooper'	Hilum	colour	yellow	buff	hilum colour is a clear and easily determined difference.

**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	'Burrinjuck'	'Bidgee'	'Snowy'
<input type="checkbox"/> *Hypocotyl: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Plant: growth habit	erect	erect	semi-erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	grey	grey	grey
<input type="checkbox"/> *Plant: height	medium	short to medium	medium
<input checked="" type="checkbox"/> Leaf: blistering	strong to very strong	weak	weak
<input type="checkbox"/> *Leaf: shape of lateral leaflet	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/> Leaf: size of lateral leaflet	medium to large	small	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark	dark
<input type="checkbox"/> *Flower: colour	white	white	white
<input type="checkbox"/> Pod: intensity of brown colour	light to medium	light to medium	light to medium

<input checked="" type="checkbox"/> Seed: size	medium	small to medium	large
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow	yellow
<input type="checkbox"/> *Seed: hilum colour	yellow	yellow	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testa	same as testa	same as testa
<input type="checkbox"/> *Plant: time of beginning of flowering	early to medium	early	early to medium
<input type="checkbox"/> *Plant: time of maturity	early to medium	early	early to medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Burrinjuck'</b>	<b>'Bidgee'</b>	<b>'Snowy'</b>
<input type="checkbox"/> Flowering: days from sowing to flowering (Days)			
Mean	31.33	28.00	28.33
Std. Deviation	0.57	0.00	0.58
LSD/sig	1.825	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf width: width of leaf at flowering (mm)			
Mean	44.66	34.00	43.33
Std. Deviation	0.58	2.00	3.51
LSD /sig	7.87	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf length: length of leaf at flowering (mm)			
Mean	129.00	87.67	122.00
Std. Deviation	2.00	1.53	4.00
LSD /sig	9.23	P≤0.01	ns
<input type="checkbox"/> Ratio of length divided by width: measurements made at flowering (ratio)			
Mean	2.88	2.58	2.82
Std. Deviation	0.02	0.11	0.14
LSD/sig	0.34	ns	ns
<input checked="" type="checkbox"/> <input type="checkbox"/> Height: length of the main stem (cm)			
Mean	48.60	37.33	44.30
Std. Deviation	1.53	1.53	1.53
Lsd/sig	6.1	P≤0.01	ns
<input type="checkbox"/> Main stem nodes: number of nodes on the main stem			
Mean	10.50	9.20	9.97
Std. Deviation	0.42	0.30	0.12
LSD /sig	1.02	ns	ns
<input type="checkbox"/> Total nodes: total nodes on the plant (count)			
Mean	12.73	12.33	12.13
Std. Deviation	0.25	0.23	0.58
LSD/sig	0.76	ns	ns
<input type="checkbox"/> Seed weight: weight of 100 seeds (grams)			

Mean	16.12	15.37	19.89
Std. Deviation	0.22	0.03	0.20
LSD /sig	0.38	P≤0.01	P≤0.01

**Prior Applications and Sales:**

Nil

Description: **Andrew James**, Gatton, Queensland.

<b>Details of Application</b>	
<b>Application Number</b>	2018/032
<b>Variety Name</b>	'Kuranda HB1'
<b>Genus Species</b>	<i>Glycine max</i>
<b>Common Name</b>	Soybean
<b>Synonym</b>	Nil
<b>Accepted Date</b>	08 Mar 2018
<b>Applicant</b>	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT, Grains Research and Development Corporation, Kingston, ACT and NSW, Department of Primary Industries, Orange, NSW.
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew James
<b>Details of Comparative Trial</b>	
<b>Location</b>	Gatton, Queensland
<b>Descriptor</b>	Soya Bean ( <i>Glycine max</i> ) TG/80/6
<b>Period</b>	January to May 2018
<b>Conditions</b>	Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertilizer to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests.
<b>Trial Design</b>	Randomised complete block design.
<b>Measurements</b>	Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination: F1 grown in the glasshouse at St Lucia and validated as a hybrid due to tolerance to the herbicide metsulfuron methyl inherited as a dominant traits from the paternal parent. Advanced F1 to F4 as single seed descent, then selection for tolerance to the herbicide metsulfuron methyl, maturity matching M103-22 and resistance to <i>Phakopsora pachyrhizi</i> race 1 F5 through to F8 selected for plant habit and maturity similar to the parent M103-22. Breeder: Andrew James, Gatton, Queensland.	

<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		
Leaf	shape		lanceolate		
Hilum	colour		yellow		
Pubescence	colour		grey		
Flower	colour		white		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name			Comments		
'Fraser'			This variety also has subtropical adaptation, lanceolate leaves, grey pubescence and yellow hilum.		
<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
'Oakey'	seed	size	medium	very 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	'Kuranda HB1'	'Fraser'
<input type="checkbox"/> *Hypocotyl: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Plant: growth type	determinate	determinate
<input type="checkbox"/> Plant: growth habit	erect	erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	grey	grey
<input type="checkbox"/> *Plant: height	medium to tall	medium
<input type="checkbox"/> Leaf: blistering	medium	medium
<input type="checkbox"/> *Leaf: shape of lateral leaflet	lanceolate	lanceolate
<input type="checkbox"/> Leaf: size of lateral leaflet	medium to large	medium
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark
<input type="checkbox"/> *Flower: colour	white	white
<input type="checkbox"/> Pod: intensity of brown colour	light to medium	light to medium
<input type="checkbox"/> Seed: size	medium	medium
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow
<input type="checkbox"/> *Seed: hilum colour	yellow	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testa	same as testa
<input type="checkbox"/> *Plant: time of beginning of flowering	medium to late	medium

<input type="checkbox"/> *Plant: time of maturity	medium to late	medium
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<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Kuranda HB1'</b>	<b>'Fraser'</b>
<input checked="" type="checkbox"/> Plant: response to halosulfuron herbicide	tolerant	susceptible
<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'Kuranda HB1'</b>	<b>'Fraser'</b>
<input checked="" type="checkbox"/> Flowering: days from sowing to flowering (days)		
Mean	60.20	38.66
Std. Deviation	0.17	0.57
LSD/sig	2.31	P≤0.01
<input type="checkbox"/> Height: length of the main stem (cm)		
Mean	84.33	75.00
Std. Deviation	2.51	2.00
LSD/sig	1.44	P≤0.01
<input checked="" type="checkbox"/> Main stem nodes: number of main stem nodes (count)		
Mean	16.00	12.00
Std. Deviation	0.20	0.30
LSD/sig	1.51	P≤0.01
<input type="checkbox"/> Total nodes: number of nodes on the whole plant (count)		
Mean	27.13	17.96
Std. Deviation	0.42	0.25
LSD/sig	1.19	P≤0.01
<input type="checkbox"/> Seed weight: weight of 100 seeds (grams)		
Mean	15.25	14.91
Std. Deviation	0.15	0.37
LSD/sig	1.29	ns

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

Nil

Description: **Andrew James**, Gatton, Queensland.

<b>Details of Application</b>	
<b>Application Number</b>	2018/251
<b>Variety Name</b>	'SRA12'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Common Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	11 Sep 2018
<b>Applicant</b>	Sugar Research Australia Limited, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	SRA Meringa, 71378 Bruce Highway, Gordonvale
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) UPOV TG/186/2
<b>Period</b>	Planted 30 August 2017; Descriptions taken 15-16 July 2018
<b>Conditions</b>	Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with dry soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. 82 mm rainfall recorded on 20th August. Irrigation: Rain-fed only. All planting material was sourced locally and the planting material was of good quality. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease ( <i>Ceratocystis paradoxa</i> ). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms ( <i>Agrypnus</i> spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergent post planting for control of grasses and broadleaf weeds. Fertilizer at planting DAP18 @ 100kg/ha (18kg N, 20kgP, 0kg K). Topdress on 18/11/17 with Banana Special K at 330kg/ha (60kg N, 0kg P, 90kg K). Total nutrients /ha (78kg N, 20kg P, 90kg K). Confidor applied for grub control 23/11/17 @ 1.4 lt/ha. Final spray with pre-emergent Valor (flumioxazin) @ 0.5kg/ha at out of hand stage early December 2017.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: 'SRA12' is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2004 between the seed parent 'Q233' and the pollen parent 'QC90-289'. Seed was collected from the pollinated female inflorescences and stored for germination in 2005. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central region. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

<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>
Node	shape of bud	ovate
Internode	colour where not exposed to sun	yellow-green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Q240'		
'Q237'		

**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>'SRA12'</b>	<b>'Q237'</b>	<b>'Q240'</b>
<input type="checkbox"/> *Plant: adherence of leaf sheath	medium	strong	weak to medium
<input type="checkbox"/> *Internode: shape	cylindrical	bobbin-shaped	slightly concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	red-purple 59B; yellow-green 144B, 152B, 152C to 152D; greyed-yellow 161A; greyed-orange 176A	red-purple 59A; yellow-green 152A; greyed-yellow 162B; greyed-orange 176A; greyed-brown N199C	yellow-green 152B, 152C, 152D; greyed-yellow 161A; greyed-orange 166A, 166B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 152A, 152D, 153C; greyed-yellow 160B; greyed-orange 174A, 174B; greyed-brown N199B	yellow-green N144A, 146A, N152A, 153D; greyed-yellow 160B; greyed-orange 170A	yellow-green 144C to N144C, 146A, 152D; greyed-yellow 160A
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak	weak to moderate	weak to moderate
<input type="checkbox"/> Internode: waxiness	medium	medium to strong	medium
<input checked="" type="checkbox"/> Node: wax ring	absent or very narrow	medium	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	weak

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

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>‘SRA12’</b>	<b>‘Q237’</b>	<b>‘Q240’</b>
<input type="checkbox"/> Culm: height (cm)			
Mean	283.45	276.88	302.00
Std. Deviation	20.62	22.79	31.13
LSD/sig	16.05	ns	ns
<input type="checkbox"/> Internode: length on bud side (cm)			
Mean	15.06	16.72	15.77
Std. Deviation	1.91	1.31	1.60
LSD/sig	1.08	ns	ns
<input type="checkbox"/> Internode: diameter (mm)			
Mean	25.74	25.26	28.29
Std. Deviation	2.44	2.68	3.00
LSD/sig	1.64	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)			

Mean	7.93	8.38	10.20
Std. Deviation	0.49	0.91	1.06
LSD/sig	0.45	ns	P≤0.01
<input checked="" type="checkbox"/> Node: width of bud (mm)			
Mean	9.13	7.78	6.66
Std. Deviation	0.64	1.56	0.66
LSD/sig	0.39	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length (cm)			
Mean	158.30	149.13	174.56
Std. Deviation	9.70	11.96	8.02
LSD/sig	6.0	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	41.17	46.77	43.46
Std. Deviation	2.10	3.74	5.66
LSD/sig	2.37	P≤0.01	ns
<input type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.90	4.15	3.69
Std. Deviation	0.23	0.47	0.49
LSD/sig	0.21	ns	ns
<input type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	10.59	11.38	11.80
Std. Deviation	0.70	1.28	0.84
LSD/sig	0.76	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	401.17	362.83	356.11
Std. Deviation	17.89	19.28	26.90
LSD/sig	15.67	P≤0.01	P≤0.01

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

Nil.

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

<b>Details of Application</b>	
<b>Application Number</b>	2018/250
<b>Variety Name</b>	'SRA13'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Common Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	11 Sep 2018
<b>Applicant</b>	Sugar Research Australia Limited, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	SRA Meringa, 71378 Bruce Highway, Gordonvale
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) UPOV TG/186/1
<b>Period</b>	Planted 30 August 2017; Descriptions taken 15-16 July 2018
<b>Conditions</b>	Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with dry soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. 82 mm rainfall recorded on 20th August. Irrigation: Rain-fed only. All planting material was sourced locally and the planting material was of good quality. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease ( <i>Ceratocystis paradoxa</i> ). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms ( <i>Agrypnus</i> spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergent post planting for control of grasses and broadleaf weeds. Fertilizer at planting DAP18 @ 100kg/ha (18kg N, 20kgP, 0kg K). Topdress on 18/11/17 with Banana Special K at 330kg/ha (60kg N, 0kg P, 90kg K). Total nutrients /ha (78kg N, 20kg P, 90kg K). Confidor applied for grub control 23/11/17 @ 1.4 lt/ha. Final spray with pre-emergent Valor (flumioxazin) @ 0.5kg/ha at out of hand stage early December 2017.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: 'SRA13' is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2001 between the seed parent 'QC88-284' and the pollen parent 'QC90-289'. Seed was collected from the pollinated female inflorescences and stored for germination in 2002. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Southern and Central regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

<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>
Node	shape of bud	ovate
Internode	colour where not exposed to sun	yellow-green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Q238’		
‘Q250’		

**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>‘SRA13’</b>	<b>‘Q238’</b>	<b>‘Q250’</b>
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	weak	weak
<input type="checkbox"/> *Internode: shape	cylindrical	slightly concave-convex	slightly concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144A, 151A, 153B, 153D; greyed-yellow 161A; greyed-orange 176C	yellow-green 144A, 152D, 153D; greyed-yellow 160A, 161A	yellow-green 144B, 152D, 153C, greyed-yellow 160B; greyed-orange 174A to 174B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A, 144C, 151D, 152B; greyed-yellow 160A, 160B	yellow-green N144A, 144A, 144B, 152D; greyed-yellow 160A	yellow-green 144A, 152C; greyed-yellow 160A, 160B
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	medium	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	very weak to weak	moderate to strong	moderate
<input type="checkbox"/> Internode: waxiness	weak	weak	weak to medium
<input type="checkbox"/> Node: wax ring	narrow	medium	narrow
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	oval
<input type="checkbox"/> Node: bud prominence	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> Node: depth of bud groove	medium	shallow	absent or very shallow

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

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'SRA13'</b>	<b>'Q238'</b>	<b>'Q250'</b>
<input checked="" type="checkbox"/> Culm: height (cm)			
Mean	319.63	275.72	302.24
Std. Deviation	18.63	19.95	19.64
LSD/sig	16.05	P≤0.01	ns
<input checked="" type="checkbox"/> Internode: length on bud side (cm)			
Mean	18.55	15.68	16.83
Std. Deviation	1.51	1.44	1.38
LSD/sig	1.08	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Internode: diameter (mm)			
Mean	24.61	27.33	23.77
Std. Deviation	2.19	2.86	2.09
LSD/sig	1.64	P≤0.01	ns
<input type="checkbox"/> Node: width of root band (mm)			
Mean	9.59	10.36	10.00
Std. Deviation	0.65	0.75	0.68
LSD/sig	0.45	ns	ns

<input checked="" type="checkbox"/> Node: width of bud (mm)			
Mean	6.66	8.26	6.54
Std. Deviation	0.60	0.99	0.70
LSD/sig	0.39	P $\leq$ 0.01	ns
<input type="checkbox"/> Leaf blade: length (cm)			
Mean	135.80	143.70	146.48
Std. Deviation	5.46	7.58	6.18
LSD/sig	6.0	ns	ns
<input type="checkbox"/> Leaf blade: width (mm)			
Mean	45.18	47.74	46.63
Std. Deviation	2.56	3.36	3.34
LSD/sig	2.37	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	15.65	10.87	12.37
Std. Deviation	1.17	0.74	1.01
LSD/sig	0.76	P $\leq$ 0.01	P $\leq$ 0.01
<input type="checkbox"/> Leaf sheath: length (mm)			
Mean	303.50	295.93	300.34
Std. Deviation	12.74	16.11	10.68
LSD/sig	15.67	ns	ns
<input checked="" type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.00	4.40	3.78
Std. Deviation	0.22	0.31	0.21
LSD/sig	0.21	P $\leq$ 0.01	P $\leq$ 0.01

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

Nil.

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

<b>Details of Application</b>	
<b>Application Number</b>	2018/249
<b>Variety Name</b>	'SRA14'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Common Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	11 Sep 2018
<b>Applicant</b>	Sugar Research Australia Limited, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	SRA Meringa, 71378 Bruce Highway, Gordonvale
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) UPOV TG/186/1
<b>Period</b>	Planted 30 August 2017; Descriptions taken 15-16 July 2018
<b>Conditions</b>	Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with dry soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. 82 mm rainfall recorded on 20th August. Irrigation: Rain-fed only. All planting material was sourced locally and the planting material was of good quality. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease ( <i>Ceratocystis paradoxa</i> ). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms ( <i>Agrypnus</i> spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergent post planting for control of grasses and broadleaf weeds. Fertilizer at planting DAP18 @ 100kg/ha (18kg N, 20kgP, 0kg K). Topdress on 18/11/17 with Banana Special K at 330kg/ha (60kg N, 0kg P, 90kg K). Total nutrients /ha (78kg N, 20kg P, 90kg K). Confidor applied for grub control 23/11/17 @ 1.4 lt/ha. Final spray with pre-emergent Valor (flumioxazin) @ 0.5kg/ha at out of hand stage early December 2017.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: 'SRA14' variety is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2001 between the seed parent 'QN91-295' and the pollen parent 'Q200'. Seed was collected from the pollinated female inflorescences and stored for germination in 2002. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Mackay station and sites within the sugarcane growing area in the Central and Herbert regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where exposed to sun	red-purple
Internode	shape of bud	ovate and oval
Internode	cross-section	circular

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

Name	Comments
‘Q200’	pollen parent
‘Q247’	

**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	‘SRA14’	‘Q200’	‘Q247’
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak	weak	medium to strong
<input type="checkbox"/> *Internode: shape	slightly concave-convex	conoidal	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	ovate
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	red-purple 59A; yellow-green N144A, 152A; greyed-brown 199A, N199B; brown 200B	red-purple 59A; purple N77A; greyed-orange 164B, 174A, 177B; greyed-purple N186C	red-purple 59A; yellow-green 152B; greyed-yellow 161A, 162A; greyed-red 178A; greyed-brown N199C
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 144A, 146B, 152A; greyed-purple N186C, 187A; brown N200A, 200A	purple N77A; greyed-purple 187B; greyed-brown 199A, N199A	yellow-green 152A; greyed-yellow 160A; greyed-brown N199B
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	strong	weak	moderate
<input type="checkbox"/> Internode: waxiness	weak to medium	medium	medium
<input type="checkbox"/> Node: wax ring	medium	medium to wide	narrow
<input type="checkbox"/> *Node: shape of bud	ovate and oval	triangular-pointed	round
<input type="checkbox"/> Node: bud prominence	weak to medium	weak	weak to medium
<input checked="" type="checkbox"/> Node: depth of bud groove	medium	shallow to medium	absent or very shallow

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

### Statistical Table

Organ/Plant Part: Context	'SRA14'	'Q200'	'Q247'
<input type="checkbox"/> Culm: height (cm)			
Mean	284.67	299.46	279.05
Std. Deviation	22.11	18.41	18.83
LSD/sig	16.05	ns	ns
<input checked="" type="checkbox"/> Internode: length on bud side (cm)			
Mean	16.33	18.48	19.01
Std. Deviation	1.21	1.14	1.58
LSD/sig	1.08	P≤0.01	P≤0.01
<input type="checkbox"/> Internode: diameter (mm)			
Mean	24.51	23.67	25.10
Std. Deviation	1.62	2.15	2.43
LSD/sig	1.64	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)			
Mean	9.32	9.88	11.27
Std. Deviation	0.90	0.58	0.83
LSD/sig	0.45	ns	P≤0.01

<input type="checkbox"/> Node: width of bud (mm)			
Mean	8.33	7.91	8.19
Std. Deviation	1.10	0.74	1.17
LSD/sig	0.39	ns	ns
<input type="checkbox"/> Leaf blade: length (cm)			
Mean	175.52	167.61	169.20
Std. Deviation	8.89	8.21	10.80
LSD/sig	6.0	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	40.08	44.89	49.21
Std. Deviation	2.56	3.27	3.63
LSD/sig	2.37	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.54	4.26	3.82
Std. Deviation	0.26	0.27	0.32
LSD/sig	0.21	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	11.38	10.58	12.95
Std. Deviation	1.15	0.88	1.22
LSD/sig	0.76	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	345.93	279.57	334.33
Std. Deviation	18.03	25.98	20.33
LSD/sig	15.67	P≤0.01	ns

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

Nil.

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

<b>Details of Application</b>	
<b>Application Number</b>	2018/247
<b>Variety Name</b>	'SRA15'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Common Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	11 Sep 2018
<b>Applicant</b>	Sugar Research Australia Limited, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	SRA Meringa, 71378 Bruce Highway, Gordonvale
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) UPOV TG/186/1
<b>Period</b>	Planted 30 August 2017; Descriptions taken 15-16 July 2018
<b>Conditions</b>	Land preparation was with a zonal ripper and rotary hoe. Soil type: Clifton with dry soil moisture at planting at a depth of 60mm. Weather conditions at planting: fine and sunny. 82 mm rainfall recorded on 20th August. Irrigation: Rain-fed only. All planting material was sourced locally and the planting material was of good quality. Fungicide: Tilt (Propiconazole) at 60mL/200L was used at planting to control Pineapple Disease ( <i>Ceratocystis paradoxa</i> ). Insecticide: Talstar (Bifenthrin) at 150mL/Ha was used for wireworms ( <i>Agrypnus</i> spp.). Herbicide: Atrazine 2kg/Ha and Stomp 3.3L/Ha were applied as pre-emergent post planting for control of grasses and broadleaf weeds. Fertilizer at planting DAP18 @ 100kg/ha (18kg N, 20kgP, 0kg K). Topdress on 18/11/17 with Banana Special K at 330kg/ha (60kg N, 0kg P, 90kg K). Total nutrients /ha (78kg N, 20kg P, 90kg K). Confidor applied for grub control 23/11/17 @ 1.4 lt/ha. Final spray with pre-emergent Valor (flumioxazin) @ 0.5kg/ha at out of hand stage early December 2017.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: 'SRA15' is the progeny of a controlled biparental cross made by Sugar Research Australia at Meringa in 2006 between the seed parent 'QS91-7008' and the pollen parent 'Q200'. Seed was collected from the pollinated female inflorescences and stored for germination in 2006. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Southern and Northern regions. Standard commercial varieties were also included in the yield trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: Sugar Research Australia Limited.	

<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>
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	oval
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>		<b>Comments</b>
'Q250'		
'SRA6'		

**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>'SRA15'</b>	<b>'Q250'</b>	<b>'SRA6'</b>
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	weak	medium to strong
<input type="checkbox"/> *Internode: shape	concave-convex	slightly concave-convex	concave-convex
<input type="checkbox"/> Internode: cross-section	ovate	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144A, 152B, 152C to 152D, 153C; greyed-orange 177B	yellow-green 144B, 152D, 153C, greyed-yellow 160B; greyed-orange 174A to 174B	yellow-green 144A; greyed-yellow 160A, 161B; greyed-orange 177C
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A, 144A, 152D; greyed-yellow 160A	yellow-green 144A, 152C; greyed-yellow 160A, 160B	yellow-green N144A, 144A; greyed-yellow 160A, 160B
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	moderate to strong	moderate	weak
<input type="checkbox"/> Internode: waxiness	medium	weak to medium	medium to strong
<input checked="" type="checkbox"/> Node: wax ring	wide	narrow	narrow to medium
<input type="checkbox"/> *Node: shape of bud	oval	oval	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	medium
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	shallow
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	very narrow to narrow	narrow	narrow to medium

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

### Statistical Table

Organ/Plant Part: Context	'SRA15'	'Q250'	'SRA6'
<input checked="" type="checkbox"/> Culm: height (cm)			
Mean	298.08	302.22	256.32
Std. Deviation	20.49	19.64	25.32
LSD/sig	16.05	ns	P≤0.01
<input checked="" type="checkbox"/> Internode: length on bud side (cm)			
Mean	16.56	16.83	14.58
Std. Deviation	0.96	1.38	0.99
LSD/sig	1.08	ns	P≤0.01
<input type="checkbox"/> Internode: diameter (mm)			
Mean	25.30	23.77	25.08
Std. Deviation	2.00	2.09	2.43
LSD/sig	1.64	ns	ns
<input type="checkbox"/> Node: width of root band (mm)			
Mean	9.24	10.00	9.78
Std. Deviation	1.10	0.68	0.64
LSD/sig	0.45	ns	ns
<input checked="" type="checkbox"/> Node: width of bud (mm)			
Mean	7.74	6.54	7.74

Std. Deviation	1.34	0.70	0.73
LSD/sig	0.39	P≤0.01	ns
<input type="checkbox"/> Leaf blade: length (mm)			
Mean	142.83	146.45	152.38
Std. Deviation	5.64	6.18	7.26
LSD/sig	6.0	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	41.53	46.63	40.78
Std. Deviation	2.20	3.34	3.08
LSD/sig	2.37	P≤0.01	ns
<input type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.49	3.78	3.34
Std. Deviation	0.32	0.21	0.23
LSD/sig	0.21	ns	ns
<input type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	12.01	12.37	12.24
Std. Deviation	1.37	1.01	0.86
LSD/sig	0.76	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (mm)			
Mean	275.00	300.34	313.50
Std. Deviation	23.93	10.68	15.32
LSD/sig	15.67	ns	P≤0.01

**Prior Applications and Sales:**

Nil.

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

<b>Details of Application</b>		
<b>Application Number</b>	2018/329	
<b>Variety Name</b>	'Kokoda'	
<b>Genus Species</b>	<i>X Triticosecale</i>	
<b>Common Name</b>	Triticale	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	30 Nov 2018	
<b>Applicant</b>	The University of Sydney, Sydney, NSW and Grains Research and Development Corporation, Barton, ACT	
<b>Agent</b>	Shelston IP Pty Ltd, Sydney, NSW	
<b>Qualified Person</b>	Jeremy Roake	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Plant Breeding Institute, Cobbitty, NSW	
<b>Descriptor</b>	UPOV TG 121/3	
<b>Period</b>	May 2018 - December 2018	
<b>Conditions</b>	Each treatment was sown by machine sown into 6 rows at 25 cm between rows, with a plot length of 5m. Plots were irrigated during the season.	
<b>Trial Design</b>	Randomised Complete Design with 3 replicates	
<b>Measurements</b>	Measurements were taken from 10 plants at random from each replicate.	
<b>RHS Chart - edition</b>	Not applicable	
<b>Origin and Breeding</b>		
Controlled Pollination: A cross was made between AT618 and Tobruk in 2005. The F <sub>1</sub> was grown in 2006, and the F <sub>2</sub> and F <sub>3</sub> were selected by bulking 50 to 100 heads from the population. F <sub>4</sub> single plants were harvested in 2009 and sown in rows in 2010, which were harvested as a bulk in 2010. The line AT715 was identified as a high yielding line in trials at Cowra in 2011 and 2012. This was further confirmed through multi-site trials in 2013 through to 2016. The current line was bulked from 3 single plants from AT715, which were determined to be uniform for height and flowering time and representative of the population. Propagation is by seed. Breeder: Jeremy Roake, The University of Sydney, Sydney, 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>
Plant	ploidy	hexaploid
Plant	frequency of plants with recurved flag leaves	high
Ear	distribution of awns	fully awned
Awns above the tip of ear	length	medium
Straw	pith in cross section	thin
Season	type	winter or alternate type

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
Name		Comments		
‘Endeavour’				
Tobruk		Parental variety		
<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
‘Crackerjack’	Flag leaf	stripe rust pathotype 134E16A+J+T+	resistant	moderately susceptible
‘Tuckerbox’	Flag leaf	stripe rust pathotype 134E16A+J+T+	resistant	moderately resistant to moderately susceptible
‘Cartwheel’	Straw	pith in cross section	thin	thick
	Plant	length (excluding awns)	long	medium

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

Organ/Plant Part: Context	‘Kokoda’	‘Endeavour’	‘Tobruk’
<input type="checkbox"/> Ploidy:	hexaploid	hexaploid	hexaploid
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate	semi-erect to intermediate	prostrate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high	medium	absent or very low
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	late	early	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Awn: anthocyanin colouration	absent or very weak	weak	absent or very weak
<input type="checkbox"/> Anthers: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Ear: glaucosity	medium	medium	medium
<input checked="" type="checkbox"/> *Stem: density of hairiness of neck	medium	very strong	weak
<input type="checkbox"/> *Plant: length	long	long	long
<input type="checkbox"/> *Ear: distribution of awns	fully awned	fully awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	medium	short to medium	medium

<input checked="" type="checkbox"/> *Lower glume: length of first beak	very short	short to medium	medium
<input type="checkbox"/> Lower glume: size of second beak	absent or very small	absent or very small	absent or very small
<input checked="" type="checkbox"/> *Lower glume: hairiness on external surface	present	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin
<input checked="" type="checkbox"/> Ear: colour	slightly coloured	white	white
<input type="checkbox"/> Ear: density	very dense	very dense	very dense
<input checked="" type="checkbox"/> Ear: length excluding awns	short to medium	medium	short to medium
<input type="checkbox"/> Ear: width in profile view	medium	medium	medium
<input type="checkbox"/> *Seasonal type:	winter type	alternative type	winter type
<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'Kokoda'</b>	<b>'Endeavour'</b>	<b>'Tobruk'</b>
<input type="checkbox"/> Plant: length (excluding awns) (cm)			
Mean	118.30	123.40	119.50
Std. Deviation	2.60	2.14	2.14
LSD/sig	6.8	ns	ns
<input checked="" type="checkbox"/> Ear: length (excluding awns) (cm)			
Mean	11.08	13.54	11.82
Std. Deviation	0.29	0.24	0.24
LSD/sig	0.76	P≤0.01	ns

**Prior Applications and Sales:**

Nil.

Description: **Jeremy Roake**, Plant Breeding Institute, The University of Sydney, Sydney, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/330	
<b>Variety Name</b>	'Normandy'	
<b>Genus Species</b>	<i>X Triticosecale</i>	
<b>Common Name</b>	Triticale	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	30 Nov 2018	
<b>Applicant</b>	The University of Sydney, Sydney, NSW and Grains Research and Development Corporation, Barton, ACT	
<b>Agent</b>	Shelston IP Pty Ltd, Sydney, NSW	
<b>Qualified Person</b>	Jeremy Roake	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Plant Breeding Institute, Cobbitty, NSW	
<b>Descriptor</b>	UPOV TG 121/3	
<b>Period</b>	May 2018 - December 2018	
<b>Conditions</b>	Each treatment was sown by machine sown into 6 rows at 25 cm between rows, with a plot length of 5m. Plots were irrigated during the season.	
<b>Trial Design</b>	Randomised Complete Design with 3 replicates	
<b>Measurements</b>	Measurements were taken from 10 plants at random from each replicate.	
<b>RHS Chart - edition</b>	Not applicable	
<b>Origin and Breeding</b>		
Controlled Pollination: A four-way cross was made in 2008 to produce the cross Tobruk/ISR809-40//Tobruk/ISR809-19. The F <sub>1</sub> seeds from this were sown in 2009 and single F <sub>1</sub> plants were selected for stem, leaf, and stripe rust resistance and agronomy. The population was progressed through selected bulk in the F <sub>2</sub> and F <sub>3</sub> generations in 2010 and 2011. Single plants were harvested from F <sub>4</sub> in 2012 and sown as small plots as F <sub>5</sub> in 2013. The F <sub>6</sub> plot was selected for high hectolitre weight in 2014 and for good recovery from grazing, suitable growth habit for early sowing in March, good grazing recovery, and correct phenology for grazing and high yield recovery in yield trials in 2014. Further multi-site trials over 2015 and 2016 confirmed the grazing and yield potential of the line, as well as high hectolitre weight. Variety seed was developed from 11 single plant selections that were uniform for height and anthesis. Breeder: Jeremy Roake, The University of Sydney, Sydney, 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>
Plant	ploidy	hexaploid
Plant	frequency of plants with recurved flag leaves	high
Ear	distribution of awns	fully awned
Awns above the tip of ear	length	medium
Straw	pith in cross section	thin
Season	type	winter or alternate type

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
Name		Comments		
'Endeavour'				
Tobruk		recurrent parent		
<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
'Crackerjack'	Flag leaf	stripe rust pathotype 134E16A+J+T+	resistant	moderately susceptible
'Tuckerbox'	Flag leaf	stripe rust pathotype 134E16A+J+T+	resistant	moderately resistant to moderately susceptible
'Cartwheel'	Straw	pith in cross section	thin	thick

**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	'Normandy'	'Endeavour'	'Tobruk'
<input type="checkbox"/> Ploidy:	hexaploid	hexaploid	hexaploid
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate	semi-erect to intermediate	prostrate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high	medium	absent or very low
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early	early	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Awn: anthocyanin colouration	absent or very weak	weak	absent or very weak
<input type="checkbox"/> Anthers: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Ear: glaucosity	absent or very weak	medium	medium
<input checked="" type="checkbox"/> *Stem: density of hairiness of neck	medium	very strong	weak
<input checked="" type="checkbox"/> *Plant: length	medium to long	long	long
<input type="checkbox"/> *Ear: distribution of awns	fully awned	fully awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	medium	short to medium	medium
<input checked="" type="checkbox"/> *Lower glume: length of first beak	long	short to medium	medium

<input type="checkbox"/> Lower glume: size of second beak	absent or very small	absent or very small	absent or very small
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin	thin
<input checked="" type="checkbox"/> Ear: colour	slightly coloured	white	white
<input type="checkbox"/> Ear: density	very dense	very dense	very dense
<input checked="" type="checkbox"/> Ear: length excluding awns	medium	medium	short to medium
<input type="checkbox"/> Ear: width in profile view	medium	medium	medium
<input type="checkbox"/> *Seasonal type:	winter type	alternative type	winter type

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Normandy'</b>	<b>'Endeavour'</b>	<b>'Tobruk'</b>
<input checked="" type="checkbox"/> Plant: length (excluding awns) (cm)			
Mean	115.60	123.40	119.50
Std. Deviation	2.66	2.14	2.14
LSD/sig	6.8	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length (excluding awns) (cm)			
Mean	12.79	13.54	11.82
Std. Deviation	0.29	0.24	0.24
LSD/sig	0.76	ns	P≤0.01

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

Nil.

Description: **Jeremy Roake**, Plant Breeding Institute, The University of Sydney, Sydney, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/282	
<b>Variety Name</b>	'Purpura'	
<b>Genus Species</b>	<i>Triticum aestivum</i>	
<b>Common Name</b>	Wheat	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	19 Sep 2018	
<b>Applicant</b>	The University of Sydney, Sydney, NSW	
<b>Agent</b>	N/A	
<b>Qualified Person</b>	Abdus Sadeque	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Plant Breeding Institute, University of Sydney, Narrabri, NSW	
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12	
<b>Period</b>	June 2018 to November 2018	
<b>Conditions</b>	Plots were sown on pre- irrigated land. The trial was fertilised with 70 kg/ha of cotton sustain (N 6%, P 12%, K 22.5%, S 2.2% and Zn 0.55%) during sowing.	
<b>Trial Design</b>	The trial design was randomise complete block with 4 replications. Treatments were two generations (2016 and 2017) of 'Purpura' and 'Murasaki' with 4 controls viz., 'Suntop', 'Koelbird', 'EGA Gregory' and 'LongReach Crusader' used in this trial.	
<b>Measurements</b>	Plot size was 2m x 6m and seed rate was 50g/plot. Plants were sampled randomly from the plots at various times of the season. Ten plants or plant parts were sampled per replication.	
<b>RHS Chart - edition</b>	Nil	
<b>Origin and Breeding</b>		
Controlled pollination: A simple cross was made in 2010 between the two parents (EGA Gregory/Koelbird). Individual plants were selected in the F <sub>2</sub> . Following selection for grain appearance each plant became and F <sub>3</sub> plot. Individual spikes with purple grain colour were selected and bulked to form the F <sub>4</sub> . This continued to F <sub>5</sub> . Individual spikes were selected in F <sub>5</sub> and sown individually in F <sub>6</sub> to form fixed lines for further evaluation. Following multiplication, the materials were selected for grain appearance, agronomic type and rust resistance. Selected materials were then yield tested for 3 seasons. Breeder: Richard Trethowan, The University of Sydney.		
<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>
Seed	colour	purple
Ear	length	medium
Ear	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	tapering
Season	type	spring

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
‘Murasaki’		purple seeded variety			
‘Koelbird’		purple seeded variety and pollen parent			
‘EGA Gregory’		seed parent			
‘Suntop’					
‘LongReach Crusader’					
<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
‘Suntop’	Seed	colour	purple	white	clear difference in seed colour
‘EGA Gregory’	Seed	colour	purple	white	clear difference in seed colour
‘LongReach Crusader’	Seed	colour	purple	white	clear difference in seed colour

**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	‘Purpura’	‘Koelbird’	‘Murasaki’
<input type="checkbox"/> Seed: colour	purple	purple	purple
<input type="checkbox"/> Coleoptile: anthocyanin colouration	strong	strong	very strong
<input type="checkbox"/> *Plant: growth habit	semi erect	erect	semi erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	medium	low to medium
<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	medium to late	medium	medium to late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	strong	very strong
<input type="checkbox"/> Flag leaf: glaucosity of blade	weak to medium	absent or very weak	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	weak	absent or very weak	weak
<input type="checkbox"/> Culm: glaucosity of neck	absent or very weak	absent or very weak	weak
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input checked="" type="checkbox"/> *Plant: length	short to medium	medium	short to medium

<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thick or filled	medium
<input type="checkbox"/> *Ear: density	medium	medium to dense	lax to medium
<input type="checkbox"/> Ear: length	medium	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	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	narrow	narrow	absent or very narrow
<input type="checkbox"/> Lower glume: shoulder shape	strongly sloping	strongly sloping	strongly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	long	very long	very long
<input type="checkbox"/> *Lower glume: shape of beak	moderately curved	moderately curved	straight to slightly curved
<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

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Purpura’</b>	<b>‘Koelbird’</b>	<b>‘Murasaki’</b>
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	60.77	70.60	59.03
Std. Deviation	0.49	0.93	1.01
LSD/sig	2.15	P≤0.01	ns
<input checked="" type="checkbox"/> Time of 50% ear emergence (days)			
Mean	100.00	96.00	99.30
Std. Deviation	0.00	0.00	0.58
LSD/sig	0.41	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: length without awn (mm)			
Mean	99.05	96.05	99.65
Std. Deviation	1.91	8.56	3.18
LSD/sig	5.7	ns	ns

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

Description: **Abdus Sadeque**, The University of Sydney Plant Breeding Institute, Narrabri, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/283	
<b>Variety Name</b>	'Murasaki'	
<b>Genus Species</b>	<i>Triticum aestivum</i>	
<b>Common Name</b>	Wheat	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	19 Sep 2018	
<b>Applicant</b>	The University of Sydney, Sydney, NSW	
<b>Agent</b>	N/A	
<b>Qualified Person</b>	Abdus Sadeque	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Plant Breeding Institute, University of Sydney, Narrabri, NSW	
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12	
<b>Period</b>	June 2018 to November 2018	
<b>Conditions</b>	Plots were sown on pre- irrigated land. The trial was fertilised with 70 kg/ha of cotton sustain (N 6%, P 12%, K 22.5%, S 2.2% and Zn 0.55%) during sowing.	
<b>Trial Design</b>	The trial design was randomise complete block with 4 replications. Treatments were two generations (2016 and 2017) of 'Purpura' and 'Murasaki' with 4 controls viz., 'Suntop', 'Koelbird', 'EGA Gregory' and 'LongReach Crusader' used in this trial.	
<b>Measurements</b>	Plot size was 2m x 6m and seed rate was 50g/plot. Plants were sampled randomly from the plots at various times of the season. Ten plants or plant parts were sampled per replication.	
<b>RHS Chart - edition</b>	Nil	
<b>Origin and Breeding</b>		
Controlled pollination: A simple cross was made in 2010 between the two parents (LongReach Crusader/Koelbird). Individual plants were selected in the F <sub>2</sub> . Following selection for grain appearance each plant became and F <sub>3</sub> plot. Individual spikes with purple grain colour were selected and bulked to form the F <sub>4</sub> . This continued to F <sub>5</sub> . Individual spikes were selected in F <sub>5</sub> and sown individually in F <sub>6</sub> to form fixed lines for further evaluation. Following multiplication, the materials were selected for grain appearance, agronomic type and rust resistance. Selected materials were then yield tested for 3 seasons. Breeder: Richard Trethowan, The University of Sydney.		
<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>
Seed	colour	purple
Ear	length	medium
Ear	scurs or awns	awns present
Ear	colour	white
Ear	shape in profile	tapering
Season	type	spring

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
Name		Comments			
'Purpura'		purple seeded variety			
'Koelbird'		purple seeded variety and pollen parent			
'EGA Gregory'					
'Suntop'					
'LongReach Crusader'		seed parent			
<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
'Suntop'	Seed	colour	purple	white	clear difference in seed colour
'EGA Gregory'	Seed	colour	purple	white	clear difference in seed colour
'LongReach Crusader'	Seed	colour	purple	white	clear difference in seed colour

**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	'Murasaki'	'Purpura'	'Koelbird'
<input type="checkbox"/> Seed: colour	purple	purple	purple
<input type="checkbox"/> Coleoptile: anthocyanin colouration	very strong	strong	strong
<input type="checkbox"/> *Plant: growth habit	semi erect	semi erect	erect
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	low to medium	medium
<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	medium to late	medium to late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	very strong	strong	strong
<input type="checkbox"/> Flag leaf: glaucosity of blade	very weak to weak	weak to medium	absent or very weak
<input type="checkbox"/> *Ear: glaucosity	weak	weak	absent or very weak
<input type="checkbox"/> Culm: glaucosity of neck	weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent
<input checked="" type="checkbox"/> *Plant: length	short to medium	short to medium	medium

<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	medium	thick or filled
<input type="checkbox"/> *Ear: density	lax to medium	medium	medium to dense
<input type="checkbox"/> Ear: length	medium	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 to long	medium	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	absent or very small	absent or very small	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	absent or very narrow	narrow	narrow
<input type="checkbox"/> Lower glume: shoulder shape	strongly sloping	strongly sloping	strongly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	very long	long	very long
<input type="checkbox"/> *Lower glume: shape of beak	straight to slightly curved	moderately curved	moderately curved
<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>'Murasaki'</b>	<b>'Purpura'</b>	<b>'Koelbird'</b>
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	59.03	60.77	70.60
Std. Deviation	1.01	0.49	0.93
LSD/sig	2.15	ns	P≤0.01
<input checked="" type="checkbox"/> Time of 50% ear emergence (days)			
Mean	99.30	100.00	96.00
Std. Deviation	0.58	0.00	0.00
LSD/sig	0.41	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: length without awn (mm)			
Mean	99.65	99.05	96.05
Std. Deviation	3.18	1.91	8.56
LSD/sig	5.7	ns	ns

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

Description: **Abdus Sadeque**, The University of Sydney Plant Breeding Institute, Narrabri, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2018/295
<b>Variety Name</b>	'EG Jet'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	EDGE06-025b-03
<b>Accepted Date</b>	16 Oct 2018
<b>Applicant</b>	Edstar Genetics Pty Ltd, Murdoch, WA
<b>Agent</b>	Elders Limited, Melbourne, VIC
<b>Qualified Person</b>	Stephen Moore
<b>Details of Comparative Trial</b>	
<b>Location</b>	The University of Sydney, Plant Breeding Institute Narrabri NSW
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12
<b>Period</b>	May to November 2018
<b>Conditions</b>	Planted in long fallow self-mulching grey clay soil, field H24E. Propagation methods the same for all varieties. Growing conditions were impacted by a severe drought, with plant growth dependent upon a number of supplemental irrigations (low pressure lateral irrigator).
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 6m long & 2m wide (5 rows) in 4 replicates
<b>Measurements</b>	Taken from 15 random plants per replicate from approximately 2,500 plants
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Controlled pollination: A single cross was made between the beardless, red-seeded English winter Wheat variety 'WW66' and the Australian bearded, white grained spring variety 'Carinya' in 2005 and this was followed by a three-way cross to 'Chara' in 2006. F<sub>2</sub> plant selections were made and the grain colour was checked with only the white seeded selections being advanced. F<sub>4</sub>/F<sub>5</sub> rows were grown at Esperance, WA in 2008 and 5 single plant selections made from the three-way cross. Maturities ranged from early to medium late. A second cycle of single plant selection was carried out on the F<sub>5</sub>/F<sub>6</sub> lines in 2009 and seed was increased in 2010. 'EG Jet' first entered preliminary variety trials at three locations in WA in 2011 and was grown in advanced variety trials at multiple location from 2012-2014. Breeder seed purification and increase commenced. In 2017 'EG Jet' entered first year national variety trials and seed multiplication commenced. In 2017 Wheat Quality Australia granted an AH qualification for 'EG Jet' in Western Australia and an APW for the Northern and Southern Regions. Breeder: Edstar Genetics Pty Ltd, Murdoch, WA.</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>
Seed	Colour	white
Lower glume	hairiness on external surface	absent
Ear	Scurs or awns	awns present
Ear	colour	white
Apical rachis segment	area of hairiness on convex surface	absent or very small
Lower glume	area of hairiness on internal surface	very small
Seasonal	type	spring type

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

<b>Name</b>	<b>Comments</b>
'Gladius'	
'LongReach Scout'	
'Yitpi'	
'Magenta'	

**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>'EG Jet'</b>	<b>'Gladius'</b>	<b>'Magenta'</b>	<b>'LongReach Scout'</b>	<b>'Yitpi'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate	intermediate	semi prostrate	semi erect	intermediate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	low	low	low
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	medium	medium	strong	medium	strong
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	strong	strong	weak to medium	medium
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	strong	strong	medium	absent or very weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	weak to medium	medium	weak	weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	medium to strong	strong	weak to medium	weak to medium	medium

<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thin	medium	thin	thin
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	lax to medium	lax to medium	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided	parallel sided	tapering	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	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	medium to broad	narrow to medium	broad	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping	horizontal to slightly elevated	slightly sloping to horizontal	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	long	medium	very long	short to medium	medium
<input checked="" type="checkbox"/> *Lower glume: shape of beak	straight	straight	straight	straight	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small
<input type="checkbox"/> *Seasonal: type	spring type	spring type	spring type	spring type	spring type

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘EG Jet’</b>	<b>‘Gladius’</b>	<b>‘Magenta’</b>	<b>‘LongReach Scout’</b>	<b>‘Yitpi’</b>
<input checked="" type="checkbox"/> Plant: length (cm)					
Mean	60.85	69.85	72.70	67.40	74.65
Std. Deviation	2.25	2.39	3.86	2.34	3.58
LSD/sig	3.18	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	90.45	79.00	82.90	89.35	81.30
Std. Deviation	6.20	6.57	5.99	4.90	7.04
LSD/sig	6.98	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Awn: length (mm)					
Mean	48.30	46.85	57.65	44.25	48.25

Std. Deviation	5.48	4.69	6.51	3.87	4.97
LSD/sig	6.20	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Ear: time to 50% emergence (Julian days)					
Mean	256.00	253.00	257.00	254.00	256.00
Std. Deviation	0.99	0.50	1.15	0.00	1.50
LSD/sig	1.44	P≤0.01	ns	P≤0.01	ns

**Prior Applications and Sales:**

Nil.

Description: **Steve Moore**, Kew, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/294	
<b>Variety Name</b>	'LG-Gold'	
<b>Genus Species</b>	<i>Triticum aestivum</i>	
<b>Common Name</b>	Wheat	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	26 Oct 2018	
<b>Applicant</b>	Limagrain Europe s.a., Saint Beuzire, France	
<b>Agent</b>	Elders Rural Services, Melbourne, VIC	
<b>Qualified Person</b>	Stephen Moore	
<b>Details of Comparative Trial</b>		
<b>Location</b>	The University of Sydney, Plant Breeding Institute Narrabri NSW	
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12	
<b>Period</b>	May to November 2018	
<b>Conditions</b>	Planted in long fallow self-mulching grey clay soil, field H24E. Propagation methods the same for all varieties. Growing conditions were impacted by a severe drought, with plant growth dependent upon a number of supplemental irrigations (low pressure lateral irrigator).	
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 6m long & 2m wide (5 rows) in 4 replicates	
<b>Measurements</b>	Taken from 15 random plants per replicate from approximately 2,500 plants	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled pollination: A single cross was made between the maternal breeding line (Farak x Surco) which was never released commercially, and 05SW19 under glasshouse conditions. Single plant selection was carried out on the F <sub>2</sub> segregating bulk. This was followed by single plant selection in generations F <sub>3</sub> -F <sub>5</sub> . F <sub>6</sub> lines were sent to Australia and completed quarantine in 2008. Observation trials were grown in 2008, followed by replicated preliminary trials at 4 locations in WA in 2009. Advanced trials were grown in 2010 at multiple locations in WA, NSW, SA and VIC. 'LG-Gold' entered the National variety trials in 2017. Seed purification and multiplication procedures were followed. Breeder: Limagrain Europe s.a., Saint Beuzire, France.		
<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>
Seed	colour	white
Flag leaf	anthocyanin colouration of auricles	absent or weak
Lower glume	hairiness on external surface	absent
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Apical rachis segment	area of hairiness on convex surface	absent or very small

Lower glume	area of hairiness on internal surface	very small
Seasonal	type	spring type

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

Name	Comments
'Livingston'	
'LongReach Crusader'	
'Bonnie Rock'	

**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	'LG-Gold'	'Bonnie Rock'	'LongReach Crusader'	'Livingston'
<input type="checkbox"/> Seed: colour	white	white	white	white
<input checked="" type="checkbox"/> *Plant: growth habit	semi prostrate	intermediate	semi erect	semi erect
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very high	absent or very low	very high	high
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak to medium	weak	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	absent or very weak	very weak to weak	weak	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	very weak to weak	weak	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> Culm: glaucosity of neck	very weak to weak	medium	weak to medium	weak to medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin
<input type="checkbox"/> *Ear: density	lax	lax to medium	lax to medium	very lax to lax

<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided	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	absent or very small
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow to medium	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping	slightly sloping	horizontal to slightly elevated
<input checked="" type="checkbox"/> Lower glume: length of beak	long to very long	long	medium	medium to long
<input type="checkbox"/> *Lower glume: shape of beak	straight to slightly curved	straight	straight	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

### Statistical Table

Organ/Plant Part: Context	'LG-Gold'	'Bonnie Rock'	'LongReach Crusader'	'Livingston'
<input type="checkbox"/> Plant: length (cm)				
Mean	75.78	78.65	73.35	76.45
Std. Deviation	3.73	3.39	4.68	3.51
LSD/sig	3.10	ns	ns	ns
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	95.25	79.85	82.30	89.35
Std. Deviation	7.73	7.29	6.92	6.77
LSD/sig	7.81	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length (mm)				
Mean	62.30	53.10	41.70	48.50
Std. Deviation	4.55	7.41	5.57	4.00

LSD/sig	5.31	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: time to 50% emergence (Julian days)				
Mean	253.00	252.00	252.00	247.00
Std. Deviation	0.92	1.82	1.73	3.86
LSD/sig	3.43	ns	ns	P≤0.01

**Prior Applications and Sales:**

Nil.

Description: **Steve Moore**, Kew, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/096	
<b>Variety Name</b>	'LG Cobalt'	
<b>Genus Species</b>	<i>Triticum aestivum</i>	
<b>Common Name</b>	Wheat	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	29 May 2018	
<b>Applicant</b>	Limagrain Europe s.a., Saint Beauzire, France	
<b>Agent</b>	Elders Rural Services, Melbourne, VIC	
<b>Qualified Person</b>	Stephen Moore	
<b>Details of Comparative Trial</b>		
<b>Location</b>	The University of Sydney, Plant Breeding Institute Narrabri NSW	
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12	
<b>Period</b>	May to November 2018	
<b>Conditions</b>	Planted in long fallow self-mulching grey clay soil, field H24E. Propagation methods the same for all varieties. Growing conditions were impacted by a severe drought, with plant growth dependent upon a number of supplemental irrigations (low pressure lateral irrigator).	
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 6m long & 2m wide (5 rows) in 4 replicates	
<b>Measurements</b>	Taken from 15 random plants per replicate from approximately 2,500 plants	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled pollination: A single cross was made between the two parents and the F <sub>1</sub> grown under glasshouse conditions. Single plant selection was carried out on the F <sub>2</sub> segregating bulk. This was followed by single plant selection in generations F <sub>3</sub> -F <sub>5</sub> . F <sub>6</sub> lines were sent to Australia and completed quarantine in 2008. Observation trials were grown in 2008, followed by replicated preliminary trials at four locations in Western Australia in 2009. Advanced Variety Trials were grown in 2010 at multiple locations in WA, NSW, SA and VIC. In 2011, 'LG Cobalt' entered First Year National Variety Trials and seed purification and increase took place. Breeder: Limagrain Europe s.a., Saint Beauzire, France.		
<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>
Seed	colour	white
Lower glume	hairiness on external surface	absent
Straw	pith in cross section	thin
Ear	scurs or awns	awns present
Ear	colour	white
Lower glume	area of hairiness on internal surface	very small
Seasonal	type	spring type

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
<b>Name</b>	<b>Comments</b>
'Mace'	
'Gladius'	
'LongReach Scout'	
'Yitpi'	

**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>'LG Cobalt'</b>	<b>'Gladius'</b>	<b>'Mace'</b>	<b>'LongReach Scout'</b>	<b>'Yitpi'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input checked="" type="checkbox"/> *Plant: growth habit	semi prostrate	intermediate	intermediate	semi erect	intermediate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high to very high	absent or very low	absent or very low	low	low
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	medium	strong	medium	strong
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	strong	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	very weak to weak	strong	weak	absent or very weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	absent or very weak	medium	medium	weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	very weak to weak	strong	medium to strong	weak to medium	medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	medium	lax to medium	medium

<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	tapering	parallel sided	parallel sided	tapering	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	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	medium to broad	narrow to medium	broad	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping	slightly sloping to horizontal	slightly sloping to horizontal	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	short	medium	very long	short to medium	medium
<input type="checkbox"/> *Lower glume: shape of beak	straight	straight	slightly curved	straight	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small
<input type="checkbox"/> *Seasonal : type	spring type	spring type	spring type	spring type	spring type

Organ/Plant Part: Context	'LG Cobalt'	'Gladius'	'Mace'	'LongRaech Scout'	'Yitpi'
<input checked="" type="checkbox"/> Plant: length (cm)					
Mean	73.90	69.85	67.90	67.40	74.65
Std. Deviation	2.33	2.39	4.34	2.34	3.58
LSD/sig	2.97	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	89.80	79.00	84.20	89.35	81.30
Std. Deviation	4.82	6.57	5.22	4.90	7.04
LSD/sig	6.11	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Awn: length (mm)					
Mean	50.60	46.85	42.00	44.25	48.25
Std. Deviation	6.15	4.69	5.83	3.87	4.97

LSD/sig	6.22	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: time to 50% emergence (Julian days)					
Mean	256.00	253.00	254.00	254.00	256.00
Std. Deviation	0.76	0.50	0.82	0.00	1.50
LSD/sig	1.202	P≤0.01	P≤0.01	P≤0.01	ns

**Prior Applications and Sales:**

Prior application nil.

First sold in Australia in Apr 2017.

Description: **Steve Moore**, Kew, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2018/094	
<b>Variety Name</b>	'Tenfour'	
<b>Genus Species</b>	<i>Triticum aestivum</i>	
<b>Common Name</b>	Wheat	
<b>Synonym</b>	LG Tenfour	
<b>Accepted Date</b>	29 May 2018	
<b>Applicant</b>	Limagrain Europe s.a., Saint Beauzire, France	
<b>Agent</b>	Elders Rural Services, Melbourne, VIC	
<b>Qualified Person</b>	Stephen Moore	
<b>Details of Comparative Trial</b>		
<b>Location</b>	The University of Sydney, Plant Breeding Institute Narrabri NSW	
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12	
<b>Period</b>	May to November 2018	
<b>Conditions</b>	Planted in long fallow self-mulching grey clay soil, field H24E. Propagation methods the same for all varieties. Growing conditions were impacted by a severe drought, with plant growth dependent upon a number of supplemental irrigations (low pressure lateral irrigator).	
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 6m long & 2m wide (5 rows) in 4 replicates	
<b>Measurements</b>	Taken from 15 random plants per replicate from approximately 2,500 plants	
<b>RHS Chart - edition</b>	N/A	
<b>Origin and Breeding</b>		
Controlled pollination: A single cross was made between the maternal breeding line (Rinconada/Fidel//Farak/Recital), and 'Arturnik' in 2007. Single plant selection was carried out on the F <sub>2</sub> segregating bulk. This was followed by single plant selection in generation F <sub>3</sub> -F <sub>5</sub> . F <sub>6</sub> lines were sent to Australia and completed quarantine in 2008. Observation trials were grown in 2008, followed by replicated preliminary trials at four locations in WA in 2009. Advanced variety trials were grown in 2010 at multiple locations in WA, NSW, SA and VIC. In 2012 'Tenfour' entered the National variety trials and similar seed purification and multiplication procedures were followed. Breeder: Limagrain Europe s.a., Saint Beauzire, France.		
<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>
Seed	colour	white
Lower glume	hairiness on external surface	absent
Straw	pith in cross section	thin
Ears	scurs or awns	awns present
Ear	colour	white
Apical rachis segment	area of hairiness on convex surface	absent or very small
Lower glume	area of hairiness on internal surface	very small

Seasonal	type	spring type
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Axe'		
'Emu Rock'		
'Bonnie Rock'		

**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>'Tenfour'</b>	<b>'Axe'</b>	<b>'Bonnie Rock'</b>	<b>'Emu Rock'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate to semi prostrate	semi erect	intermediate	intermediate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	medium	absent or very low	high
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or weak	absent or weak	absent or weak	strong
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Flag leaf: glaucosity of blade	very weak to weak	weak	weak	weak
<input type="checkbox"/> *Ear: glaucosity	weak	weak	weak	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	weak to medium	weak to medium	medium	medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin
<input type="checkbox"/> *Ear: density	medium	lax to medium	lax to medium	lax to medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	parallel sided	tapering	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 type="checkbox"/> Lower glume: shoulder width	narrow	narrow to medium	narrow to medium	narrow

<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	horizontal	slightly sloping	slightly sloping
<input checked="" type="checkbox"/> Lower glume: length of beak	very long	medium to long	long	medium to long
<input checked="" type="checkbox"/> *Lower glume: shape of beak	slightly curved	straight to slightly curved	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

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Tenfour'</b>	<b>'Axe'</b>	<b>'Bonnie Rock'</b>	<b>'Emu Rock'</b>
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	70.12	71.90	78.65	67.05
Std. Deviation	2.68	2.84	3.39	4.65
LSD/sig	2.77	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	86.78	86.95	79.85	87.00
Std. Deviation	5.16	5.76	7.29	5.19
LSD/sig	6.67	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length (mm)				
Mean	42.37	51.60	53.10	57.65
Std. Deviation	4.62	5.18	7.41	6.45
LSD/sig	6.41	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: time to 50% emergence (Julian days)				
Mean	251.00	246.00	252.00	2.49
Std. Deviation	1.12	0.58	1.82	2.77
LSD/sig	2.84	P≤0.01	ns	ns

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

Prior application nil.

First sold in Australia in Apr 2017.

Description: **Steve Moore**, Kew, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2017/075
<b>Variety Name</b>	'Tungsten'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	EDGE06-034-14
<b>Accepted Date</b>	09 Jun 2017
<b>Applicant</b>	Edstar Genetics Pty Ltd, Murdoch, WA
<b>Agent</b>	Elders Limited, Melbourne, VIC
<b>Qualified Person</b>	Stephen Moore
<b>Details of Comparative Trial</b>	
<b>Location</b>	The University of Sydney, Plant Breeding Institute Narrabri NSW
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) UPOV TG/3/12
<b>Period</b>	May to November 2018
<b>Conditions</b>	Planted in long fallow self-mulching grey clay soil, field H24E. Propagation methods the same for all varieties. Growing conditions were impacted by a severe drought, with plant growth dependent upon a number of supplemental irrigations (low pressure lateral irrigator).
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 6m long & 2m wide (5 rows) in 4 replicates
<b>Measurements</b>	Taken from 15 random plants per replicate from approximately 2,500 plants
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
<p>Controlled pollination: A single cross was made between the beardless, red-seeded English winter wheat variety 'Einstein', and the Australian bearded, white grained spring cultivar 'Axe' in 2005 and this was followed by a three-way cross back onto 'Axe' in 2006. F<sub>2</sub> plant selections were made and the grain was checked for colour and only the white seeded selections were advanced. F<sub>4</sub>/F<sub>5</sub> rows were grown at Esperance, WA in 2008 and 17 single plant selections made from the three-way cross. A second cycle of single plant selection was carried out on the F<sub>5</sub>/F<sub>6</sub> lines in 2009 and seed was increased in 2010. 'Tungsten' first entered preliminary variety trials at three locations in WA in 2011 and was grown in Advanced variety trials at multiple locations from 2012-2014. Breeder seed purification and increase commenced. In 2015 'Tungsten' entered First Year National Variety Trials in 2015 and genetic studies of its nitrogen use efficiency (NUE) commenced. It was identified as a high protein line. During its second year of NVT in 2016 the decision was made to release the variety in 2017, it received an AH classification from Wheat Quality Australia, and it was named 'Tungsten'. Breeder: Edstar Genetics Pty Ltd, Murdoch, WA.</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>
Seed	colour	white
Lower glume	hairiness on external surface	absent
Ear	scurs or awns	awns present
Ear	colour	white
Apical rachis segment	area of hairiness on convex surface	absent or very small
Lower glume	area of hairiness on internal surface	very small
Seasonal	type	spring type
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'LongReach Scout'		
'Magenta'		
'Yitpi'		
'Gladius'		

**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>'Tungsten'</b>	<b>'Gladius'</b>	<b>'Magenta'</b>	<b>'LongReach Scout'</b>	<b>'Yitpi'</b>
<input type="checkbox"/> Seed: colour	white	white	white	white	white
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate to semi prostrate	intermediate	semi prostrate	semi erect	intermediate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	low	low	low
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	medium	strong	strong	medium	strong
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium to strong	strong	strong	weak to medium	medium
<input checked="" type="checkbox"/> Flag leaf: glaucosity of blade	weak to medium	strong	medium	absent or very weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	weak	medium to strong	weak	weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	weak to medium	strong	weak to medium	weak to medium	medium

<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thin	medium	thin	thin
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	lax to medium	lax to medium	medium
<input type="checkbox"/> *Ear: scurs or awns	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Ear: shape in profile	parallel sided	parallel sided	parallel sided	tapering	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	absent or very small
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	medium to broad	narrow to medium	broad	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping to horizontal	slightly sloping	horizontal to slightly elevated	slightly sloping to horizontal	horizontal
<input checked="" type="checkbox"/> Lower glume: length of beak	medium to long	medium	very long	short to medium	medium
<input checked="" type="checkbox"/> *Lower glume: shape of beak	slightly curved	straight	straight	straight	slightly curved
<input type="checkbox"/> Lower glume: area of hairiness on internal surface	very small	very small	very small	very small	very small
<input type="checkbox"/> *Seasonal: type	spring type	spring type	spring type	spring type	spring type

### Statistical Table

Organ/Plant Part: Context	'Tungsten'	'Gladius'	'Magenta'	'LongReach Scout'	'Yitpi'
<input checked="" type="checkbox"/> Plant: length (cm)					
Mean	67.85	69.85	72.70	67.40	74.65
Std. Deviation	4.63	2.39	3.86	2.34	3.58
LSD/sig	3.44	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	85.85	79.00	82.90	89.35	81.30
Std. Deviation	4.76	6.57	5.99	4.90	7.04
LSD/sig	6.67	P≤0.01	ns	ns	ns

<input checked="" type="checkbox"/> Awn: length (mm)					
Mean	51.45	46.85	57.65	44.25	48.25
Std. Deviation	4.43	4.69	6.51	3.87	4.97
LSD/sig	5.79	ns	P $\leq$ 0.01	P $\leq$ 0.01	ns
<input checked="" type="checkbox"/> Ear: time to 50% emergence (Julian days)					
Mean	255.00	253.00	257.00	254.00	256.00
Std. Deviation	1.40	0.50	1.15	0.00	1.50
LSD/sig	1.80	ns	P $\leq$ 0.01	ns	ns

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

Nil.

Description: **Steve Moore**, Kew, NSW.

## Grants

*Acmena smithii*

LILLY PILLY

**‘Minnie Magic’<sup>ϕ</sup>**

**Application No: 2009/345**

Applicant: **Paul Mentz, Robin Mentz and Carl Mentz**

Certificate No: 5740 Expiry Date: 22/11/2043.

*Agapanthus orientalis*

AGAPANTHUS, AFRICAN LILY

**‘PMB012’<sup>ϕ</sup>**

Application No: 2016/313

Applicant: **Pine Mountain Botanics Pty Ltd**

Certificate No: 5962 Expiry Date: 24/12/2038.

*Anigozanthos hybrid*

KANGAROO PAW

**‘KLEAC11211’<sup>ϕ</sup> syn Kinga Sun Yellow<sup>ϕ</sup>**

Application No: 2011/267

Applicant: **Nils Klemm**

Certificate No: 5705 Expiry Date: 15/10/2038.

Agent: **Ian Paananen**, Macmasters Beach, NSW.

*Anigozanthos hybrid*

KANGAROO PAW

**‘KLEAC11213’<sup>ϕ</sup> syn Kinga Oracle<sup>ϕ</sup>**

Application No: 2011/269

Applicant: **Nils Klemm**

Certificate No: 5707 Expiry Date: 17/10/2038.

Agent: **Ian Paananen**, Macmasters Beach, NSW.

*Argyranthemum frutescens*

MARGUERITE DAISY

**‘SUPA2101’<sup>Φ</sup>**

Application No: 2015/019

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5730 Expiry Date: 20/11/2038.

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

*Argyranthemum frutescens*

MARGUERITE DAISY

**‘SUPA2220’<sup>Φ</sup>**

Application No: 2015/021

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5731 Expiry Date: 20/11/2038.

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

*Argyranthemum frutescens*

MARGUERITE DAISY

**‘SUPA2235’<sup>Φ</sup>**

Application No: 2015/022

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5732 Expiry Date: 20/11/2038.

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

*Boronia heterophylla*

RED BORONIA, CRIMSON BORONIA

**‘Blue Waves’<sup>Φ</sup>**

Application No: 2011/082

Applicant: **Richard G. Ware**

Certificate No: 5746 Expiry Date: 6/12/2038.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Boronia megastigma*

BROWN BORONIA

**'Dark Prince'**<sup>Φ</sup>

Application No: 2012/211

Applicant: **Stephen Reynolds**

Certificate No: 5747 Expiry Date: 6/12/2038.

*Cicer arietinum*

CHICKPEA

**'Neelam'**<sup>Φ</sup>

Application No: 2012/213

Applicant: **Western Australian Agricultural Authority, Council of Grain Growers Organizations Ltd, University of Western Australia**

Certificate No: 5724 Expiry Date: 31/10/2038.

Agent: **Department of Agriculture and Food, Government of Western Australia, Bentley DC, WA.**

*Conostylis candicans*

GREY COTTONHEAD

**'Silversunrise'**<sup>Φ</sup>

Application No: 2010/165

Applicant: **Michael Wood**

Certificate No: 5725 Expiry Date: 2/11/2038.

Agent: **Plants Management Australia Pty Ltd, Dodges Ferry, TAS.**

*Cucumis melo*

MELON

**'SENSE 181'**<sup>Φ</sup>

Application No: 2016/075

Applicant: **Nunhems B.V., Laboratoire ASL**

Certificate No: 5745 Expiry Date: 6/12/2038.

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

*Cucumis melo*

MELON

**‘Sense 191’<sup>Φ</sup>**

Application No: 2015/057

Applicant: **Nunhems B.V., Laboratoire ASL**

Certificate No: 5699 Expiry Date: 4/10/2038.

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

*Cucumis sativus*

CUCUMBER, GHERKIN

**‘Litoral’<sup>Φ</sup>**

Application No: 2014/316

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

Certificate No: 5729 Expiry Date: 16/11/2038.

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

*Dianella caerulea*

BLUE FLAX-LILY, UMBRELLA DRACAENA

**‘DC1000’<sup>Φ</sup>**

Application No: 2011/036

Applicant: **Provincial Plants IP Trust**

Certificate No: 5752 Expiry Date: 12/12/2038.

*Dianella caerulea*

BLUE FLAX-LILY

**‘DC2100’<sup>Φ</sup>**

Application No: 2011/037

Applicant: **Provincial Plants IP Trust**

Certificate No: 5753 Expiry Date: 12/12/2038.

*Dianella caerulea*

BLUE FLAX-LILY

**‘DC3000’<sup>Φ</sup>**

Application No: 2012/195

Applicant: **Provincial Plants IP Trust**

Certificate No: 5756 Expiry Date: 12/12/2038.

*Dianella caerulea*

BLUE FLAX-LILY

**‘DC4000’<sup>Φ</sup>**

Application No: 2011/038

Applicant: **Provincial Plants IP Trust**

Certificate No: 5754 Expiry Date: 12/12/2038.

*Dianella caerulea*

BLUE FLAX-LILY

**‘DC6000’<sup>Φ</sup>**

Application No: 2011/039

Applicant: **Provincial Plants IP Trust**

Certificate No: 5755 Expiry Date: 12/12/2038.

*Dianella revoluta*

SPREADING FLAX-LILY, BLUEBERRY LILY, BLACK-ANTHER FLAX-LILY, BLUE FLAX LILY

**‘DR002’<sup>Φ</sup>**

Application No: 2012/196

Applicant: **Provincial Plants IP Trust**

Certificate No: 5757 Expiry Date: 12/12/2038.

*Dianella revoluta*

SPREADING FLAX-LILY, BLUEBERRY LILY, BLACK-ANTHER FLAX-LILY, BLUE FLAX LILY

**‘DR003’<sup>Φ</sup>**

Application No: 2012/197

Applicant: **Provincial Plants IP Trust**

Certificate No: 5758 Expiry Date: 12/12/2038.

*Dianella tasmanica*

FLAX LILY

**‘DT5001’<sup>Φ</sup>**

Application No: 2008/315

Applicant: **Provincial Plants IP Trust**

Certificate No: 5751 Expiry Date: 12/12/2038.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFortyNine’<sup>ϕ</sup>**

Application No: 2015/270

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

Certificate No: 5713 Expiry Date: 19/10/2038.

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFortySeven’<sup>ϕ</sup>**

Application No: 2015/271

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

Certificate No: 5714 Expiry Date: 22/10/2038.

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

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFortyThree’<sup>ϕ</sup>**

Application No: 2017/005

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

Certificate No: 5711 Expiry Date: 19/10/2038.

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

*Fragaria xananassa*

STRAWBERRY

**‘DrisStrawFortyFour’<sup>ϕ</sup>**

Application No: 2017/006

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

Certificate No: 5712 Expiry Date: 19/10/2038.

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

*Gazania hybrid*

GAZANIA

**‘Sunhara’<sup>ϕ</sup>**

Application No: 2008/215

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5761 Expiry Date: 12/12/2038.

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

*Grevillea hybrid*

GREVILLEA

**‘Deuagold’<sup>ϕ</sup>**

Application No: 2011/015

Applicant: **Michael Wood**

Certificate No: 5706 Expiry Date: 15/10/2038.

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

*Hordeum vulgare*

BARLEY

**‘Spartacus CL’<sup>ϕ</sup> syn IGB1334T<sup>ϕ</sup>**

Application No: 2015/257

Applicant: **Intergrain Pty Ltd, Agriculture Victoria Services Pty Ltd**

Certificate No: 5733 Expiry Date: 20/11/2038.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**‘L1164’<sup>ϕ</sup>**

Application No: 2008/126

Applicant: **Provincial Plants IP Trust**

Certificate No: 5734 Expiry Date: 21/11/2038.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**‘L1264’<sup>ϕ</sup>**

Application No: 2008/313

Applicant: **Provincial Plants IP Trust**

Certificate No: 5735 Expiry Date: 21/11/2038.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**‘L1364’<sup>Φ</sup>**

Application No: 2008/314

Applicant: **Provincial Plants IP Trust**

Certificate No: 5736 Expiry Date: 21/11/2038.

*Lomandra longifolia*

SPINY HEADED MAT RUSH

**‘L1464’<sup>Φ</sup>**

Application No: 2009/072

Applicant: **Provincial Plants IP Trust**

Certificate No: 5737 Expiry Date: 21/11/2038.

*Lupinus angustifolius*

NARROW-LEAFED LUPIN

**‘PBA Gunyidi’<sup>Φ</sup>**

Application No: 2011/068

Applicant: **Western Australian Agricultural Authority, Grains Research and Development Corporation**

Certificate No: 5723 Expiry Date: 30/10/2038.

Agent: **Department of Agriculture and Food, Bentley DC, WA.**

*Magnolia hybrid*

MICHELIA

**‘MICWC’<sup>Φ</sup>**

Application No: 2012/082

Applicant: **Humphris Nursery Pty Ltd**

Certificate No: 5742 Expiry Date: 5/12/2038.

*Malus domestica*

APPLE

**‘PremA153’<sup>Φ</sup>**

Application No: 2011/109

Applicant: **Prevar Ltd**

Certificate No: 5741 Expiry Date: 28/11/2043.

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

*Malus domestica*

APPLE

**‘PremA17’<sup>Φ</sup>**

Application No: 2011/110

Applicant: **Prevar Ltd**

Certificate No: 5728 Expiry Date: 13/11/2043.

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

*Mandevilla amabilis hort. Buckland X boliviensis (Hook F.)*

MANDEVILLA

**‘LANLOUISIANA’<sup>Φ</sup> syn Agathe Scarlet<sup>Φ</sup>**

Application No: 2016/095

Applicant: **D.H.M Innovation**

Certificate No: 5701 Expiry Date: 5/10/2038.

Agent: **Propagation Australia Pty Ltd**, Browns Plains BC, QLD.

*Mandevilla amabilis hort. Buckland x boliviensis (Hook.F.)*

MANDEVILLA

**‘LANSOUTHCAROLINA’<sup>Φ</sup> syn Tourmaline Rose<sup>Φ</sup>**

Application No: 2016/096

Applicant: **D.H.M Innovation**

Certificate No: 5702 Expiry Date: 5/10/2038.

Agent: **Propagation Australia Pty Ltd**, Browns Plains BC, QLD.

*Mandevilla amabilis hort. X boliviensis (Hook F.) Woodson*

MANDEVILLA

**‘LANNORTHCAROLINA’<sup>Φ</sup> syn Tourmaline Pink<sup>Φ</sup>**

Application No: 2016/094

Applicant: **D.H.M Innovation**

Certificate No: 5700 Expiry Date: 5/10/2038.

Agent: **Propagation Australia Pty Ltd**, Browns Plains BC, QLD.

*Medicago truncatula*

BARREL MEDIC

**‘Jester-SU’<sup>Φ</sup>**

Application No: 2016/176

Applicant: **Minister for Agriculture, Food and Fisheries**

Certificate No: 5704 Expiry Date: 12/10/2038.

*Philodendron bipinnatifidum*

PHILODENDRON

**‘MALOF003’<sup>Φ</sup> syn GoldBullion<sup>Φ</sup>**

Application No: 2014/325

Applicant: **Malof Trading Pty Ltd**

Certificate No: 5710 Expiry Date: 18/10/2038.

*Pyrus communis*

EUROPEAN PEAR

**‘FM324A135’<sup>Φ</sup>**

Application No: 2010/265

Applicant: **Wolfgang Muller, Baum-und Rosenschule**

Certificate No: 5703 Expiry Date: 12/10/2043.

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

*Rubus*

HYBRID BLACKBERRY

**‘DrisBlackThirteen’<sup>Φ</sup>**

Application No: 2015/310

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

Certificate No: 5718 Expiry Date: 25/10/2038.

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

*Rubus*

BLACKBERRY

**‘DrisBlackTwelve’<sup>Φ</sup>**

Application No: 2015/273

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

Certificate No: 5719 Expiry Date: 26/10/2038.

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

*Rubus idaeus*

RASPBERRY

**‘Adelita’<sup>Φ</sup>**

Application No: 2016/104

Applicant: **Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal**

Certificate No: 5726 Expiry Date: 8/11/2038.

Agent: **Y.V. Fresh Pty Ltd**, Silvan, VIC.

*Rubus idaeus*

RASPBERRY

**‘DrisRaspEight’<sup>Φ</sup>**

Application No: 2015/276

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

Certificate No: 5721 Expiry Date: 26/10/2038.

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

*Rubus idaeus*

RASPBERRY

**‘Lupita’<sup>Φ</sup>**

Application No: 2016/105

Applicant: **Plantas de Navarra, S.A. (PLANASA) Sociedad Unipersonal**

Certificate No: 5727 Expiry Date: 9/11/2038.

Agent: **Y.V. Fresh Pty Ltd**, Silvan, VIC.

*Salvia hybrid*

SALVIA

**‘Amistad’<sup>Φ</sup>**

Application No: 2013/294

Applicant: **New World Plants Ltd**

Certificate No: 5720 Expiry Date: 26/10/2038.

Agent: **Australian Perennial Growers Pty Ltd**, Arcadia, NSW.

*Scaevola aemula*

FANFLOWER

**‘Scacrawl’<sup>Φ</sup>**

Application No: 2008/214

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5760 Expiry Date: 12/12/2038.

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

*Scaevola aemula*

FANFLOWER

**‘Scasalute’**<sup>Φ</sup>

Application No: 2008/213

Applicant: **NuFlora International Pty Ltd**

Certificate No: 5759 Expiry Date: 12/12/2038.

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

*Syzygium australe*

LILLY PILLY

**‘OTC1’**<sup>Φ</sup>

Application No: 2012/180

Applicant: **Agbiz Holdings Pty Ltd**

Certificate No: 5743 Expiry Date: 5/12/2043.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Syzygium australe*

LILLY PILLY

**‘Redlil’**<sup>Φ</sup>

Application No: 2009/085

Applicant: **Agbiz Holdings Pty Ltd, REH Superannuation Pty Ltd**

Certificate No: 5744 Expiry Date: 5/12/2043.

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Syzygium luehmannii*

LILLY PILLY, RIBERRY

**‘Sunset Mist’**<sup>Φ</sup>

Application No: 2003/235

Applicant: **Robert Fraser-Scott**

Certificate No: 5738 Expiry Date: 22/11/2043.

*Syzygium paniculatum*

LILLY PILLY

**‘Cheetah’**<sup>Φ</sup>

Application No: 2004/317

Applicant: **Devon Stork**

Certificate No: 5739 Expiry Date: 22/11/2043.

*Triticum aestivum*

WHEAT

**‘Forrest’<sup>Φ</sup>**

Application No: 2010/302

Applicant: **Agrigenetics, Inc.**

Certificate No: 5750 Expiry Date: 10/12/2038.

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

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueEleven’<sup>Φ</sup>**

Application No: 2014/090

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

Certificate No: 5715 Expiry Date: 24/10/2038.

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

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueFourteen’<sup>Φ</sup>**

Application No: 2015/274

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

Certificate No: 5717 Expiry Date: 25/10/2038.

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

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueSeven’<sup>Φ</sup>**

Application No: 2013/016

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

Certificate No: 5709 Expiry Date: 18/10/2038.

Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueSix’<sup>Φ</sup>**

Application No: 2013/010

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

Certificate No: 5708 Expiry Date: 18/10/2038.

Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueTen’**<sup>Φ</sup>

Application No: 2014/091

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

Certificate No: 5716 Expiry Date: 24/10/2038.

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

*Xerochrysum bracteatum*

EVERLASTING DAISY

**‘Bondrelai’**<sup>Φ</sup>

Application No: 2013/245

Applicant: **Bonza Botanicals Pty Limited**

Certificate No: 5749 Expiry Date: 6/12/2038.

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Xerochrysum bracteatum*

EVERLASTING DAISY

**‘Bondreredem’**<sup>Φ</sup>

Application No: 2013/243

Applicant: **Bonza Botanicals Pty Limited**

Certificate No: 5748 Expiry Date: 6/12/2038.

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Zoysia macrantha*

PRICKLY COUCH, COAST COUCH, AUSTRALIAN ZOYSIA

**‘LSA01’**<sup>Φ</sup>

Application No: 2015/311

Applicant: **TurfBreed Pty Ltd**

Certificate No: 5722 Expiry Date: 29/10/2038.

## Assignment of Rights

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2012/221	Brassica	napus	PRAN402	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2012/222	Brassica	napus	PA0AN120A	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2012/223	Brassica	napus	PB0AN220B	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2012/224	Brassica	napus	PA2AN154	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2012/225	Brassica	napus	PB2AN254	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2013/296	Brassica	napus	PA1AN141A	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2013/297	Brassica	napus	PB1AN241B	Canola	Bayer CropScience AG	BASF Agricultural Solutions

						Seed US LLC
2013/298	Brassica	napus	PR1AN503	Canola	Bayer CropScience AG	BASF Agricultural Solutions Seed US LLC
2015/317	Brassica	napus	PR3AN547	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2015/318	Brassica	napus	PR2AN540	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2015/319	Brassica	napus	PB3AN259	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2015/320	Brassica	napus	PA3AN159	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2016/342	Brassica	napus	PA4AN174	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2016/365	Brassica	napus	PB5AN291	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2016/366	Brassica	napus	PB4AN274	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC

2016/367	Brassica	napus	PA5AN191	Canola	Bayer CropScience LP	BASF Agricultural Solutions Seed US LLC
2006/264	Triticum	aestivum	Derrimut	Wheat	Nugrain Pty Ltd and Australian Grain Technologies Pty Ltd	Nuseed Proprietary Limited
2007/110	Triticum	aestivum	Peake	Wheat	Nugrain Pty Ltd	Nuseed Proprietary Limited
1998/018	Mangifera	indica	B74	Mango	The State of Queensland acting through the Department of Agriculture and Fisheries (DAF); Promised Land Avocados Pty Ltd	The State of Queensland acting through the Department of Agriculture and Fisheries (DAF); Just Avocados Pty. Ltd.
2015/325	Lobelia	pedunculata	Almanda Blue	Matted Pratia	John Wamsley	Wirrapunga Pty Ltd
1997/304	Malus	domestica	Rosy Glow	Apple	Graham's Factree Pty Ltd	A.G. Mason & G.J. Mason & N.A. Mason & S.H. Mason
2017/172	Echeveria	gibbiflora	Blade Runner	Echeveria	The Great Australian Succulent Company Pty Ltd	Morgan Oates & Brown Pty Ltd

2017/171	Cotyledon	orbiculata	Ace of Spades		The Great Australian Succulent Company Pty Ltd	Morgan Oates & Brown Pty Ltd
2012/001	Echeveria	gigantea x Echeveria secunda	Joey 1	Echeveria	The Great Australian Succulent Company Pty Ltd	Morgan Oates & Brown Pty Ltd
2010/304	Echeveria	setosa x Echeveria gibbiflora	Joey 2	Echeveria	The Great Australian Succulent Company Pty Ltd	Morgan Oates & Brown Pty Ltd

## Change of Applicant's Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2008/037	Solanum	tuberosum	DAIFLA	Potato	Germicopa SAS	GERMICOPA BREEDING
2002/061	Solanum	tuberosum	Daisy	Potato	Germicopa SAS	GERMICOPA BREEDING
2014/296	Solanum	tuberosum	Gwenne	Potato	Germicopa SAS	GERMICOPA BREEDING
2014/297	Solanum	tuberosum	Malou	Potato	Germicopa SAS	GERMICOPA BREEDING
2016/278	Vicia	sativa subsp. Sativa	Studentica	Common Vetch	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute).	MINISTER FOR PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (Acting through the South Australian Research and Development Institute).; Grains Research and Development Corporation
2014/014	Salvia	hybrid	SER-Wish	Sage	John Fisher	Jill Fisher
2010/269	Cannabis	sativa	CHG	Industrial Hemp	Ecofibre Industries Operations Pty Ltd	Ecofibre Limited
2014/236	Cannabis	sativa	CHG MS77	Industrial Hemp	Ecofibre Industries Operations Pty Ltd	Ecofibre Limited
2014/237	Cannabis	sativa	CHA	Industrial Hemp	Ecofibre Industries Operations Pty Ltd	Ecofibre Limited
2014/238	Cannabis	sativa	CHY	Industrial Hemp	Ecofibre Industries Operations Pty Ltd	Ecofibre Limited

## Change/Nomination of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
2007/211	Rosa	hybrid	Lexteews	Grandiflora Nurseries Pty Ltd	Australian Horticultural Services Pty Ltd
2006/171	Rosa	hybrid	Lexjori	Grandiflora Nurseries Pty Ltd	Australian Horticultural Services Pty Ltd
2018/120	Ocimum	basilicum	Rutgers Passion-DMR	Spruson & Ferguson	Phillips Ormonde Fitzpatrick
2018/121	Ocimum	basilicum	Rutgers Obsession-DMR	Spruson & Ferguson	Phillips Ormonde Fitzpatrick
2018/122	Ocimum	basilicum	Rutgers Devotion-DMR	Spruson & Ferguson	Phillips Ormonde Fitzpatrick
2012/221	Brassica	napus	PRAN402	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2012/222	Brassica	napus	PA0AN120A	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2012/223	Brassica	napus	PB0AN220B	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2012/224	Brassica	napus	PA2AN154	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.

2012/225	Brassica	napus	PB2AN254	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2013/296	Brassica	napus	PA1AN141A	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2013/297	Brassica	napus	PB1AN241B	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2013/298	Brassica	napus	PR1AN503	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2015/317	Brassica	napus	PR3AN547	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2015/318	Brassica	napus	PR2AN540	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2015/319	Brassica	napus	PB3AN259	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2015/320	Brassica	napus	PA3AN159	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.

2016/342	Brassica	napus	PA4AN174	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2016/365	Brassica	napus	PB5AN291	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2016/366	Brassica	napus	PB4AN274	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2016/367	Brassica	napus	PA5AN191	Bayer CropScience Pty Limited	BASF Agricultural Solutions Australia Pty Ltd.
2001/304	Triticum	aestivum	QAL 2000		Gilbert + Tobin Lawyers
2014/066	Hydrangea	macrophylla	Freedom	Plants Management Australia Pty Ltd	Sprint Horticulture Pty Ltd
2014/064	Hydrangea	macrophylla	Peace	Plants Management Australia Pty Ltd	Sprint Horticulture Pty Ltd
2008/254	Dodonaea	viscosa	Hip Hop	Ozbreed Pty Ltd	
2002/117	Malus	domestica	Ruby Pink	Tahune Fields Nursery	Fruit Varieties International Pty Ltd
2006/043	Malus	domestica	Alvina	Tahune Fields Nursery	Fruit Varieties International 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>
2017/336	Crassula	ovata	Jade Plant	LJT01	MOBCr01
2017/124	Medicago	sativa	Lucerne	AGC01	STERLING
2018/120	Ocimum	basilicum	Basil	Rutgers Passion-DMR	Rutgers PassionDMR
2018/121	Ocimum	basilicum	Basil	Rutgers Obsession-DMR	Rutgers ObsessionDMR
2018/122	Ocimum	basilicum	Basil	Rutgers Devotion-DMR	Rutgers DevotionDMR
2018/236	Solanum	lycopersicum	Tomato	NUN 09220 TOF	DREAMVINE
2015/178	Lupinus	angustifolius	Narrow-Leafed Lupin	WALAN2385	PBA Jurien

## Synonym Changed

<b>App. No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Variety</b>	<b>Common Name</b>	<b>Synonym Changed From</b>	<b>Synonym Changed To</b>
2017/183	Chamelaucium	hybrid	Nina's Delight	Waxflower		PWBC2
2015/178	Lupinus	angustifolius	PBA Jurien	Narrow-Leafed Lupin	PBA Jurien	WALAN2385

## 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>
2017/152	Helleborus	hybrid	Winter Rose	EPB 32
2016/161	Lactuca	sativa	Lettuce	Nightcut
2014/088	Gaura	lindheimeri	Gaura	May Farm
2009/123	Chamelaucium	hybrid	Waxflower	Vesuvius
2012/104	Mandevilla	hybrid	Mandevilla	Proquest M703
2003/362	Solanum	muricatum	Pepino	Noble
2011/096	Brachychiton	hybrid	Kurrajong	Trev's Little Red
2009/217	Argyranthemum	frutescens	Marguerite Daisy	Supamound
2010/319	Agonis	flexuosa	Willow Myrtle	After Shock
2011/066	Gaura	lindheimeri	Gaura	Gaura
2011/264	Mangifera	indica	Mango	TFE 02
2018/192	Solanum	lycopersicum	Tomato	NUN 03793
2014/095	Citrus	reticulata	Mandarin	IGT94T118S
2012/160	Malus	domestica	Apple	Jugala
2008/225	Rosa	hybrid	Rose	Schowinti
2008/231	Rosa	hybrid	Rose	Schunukka
2015/338	Prunus	dulcis	Almond	Supareil
2017/256	Cannabis	sativa	Medicinal Cannabis	CannBio-5
2017/229	Gaillardia	grandiflora	Blanket Flower	RealCelebration
2015/189	Prunus	persica	Peach	Burpeachtwentyeight
2015/190	Prunus	persica	Peach	Burpeachthirtyone

## Applications Refused

<b>Application No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
2009/042	Schlumbergera	truncata	Sterling		Christmas Cactus
2009/043	Schlumbergera	truncata	Precilla		Christmas Cactus

## Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2004/181	Hardenbergia	violacea	Walpurple		False Sarsparilla
1998/150	Alstroemeria	hybrid	Stapripal	PAOLA	Peruvian Lily
2008/121	Anigozanthos	hybrid	Ramboramp	Rampaging Roy Slaven	Kangaroo Paw
2005/029	Prunus	armeniaca	River Ruby		Apricot
2005/187	Lavandula	hybrid	Salvation		Italian Lavender
2008/190	Sutera	grandiflora	Balabolav		Bacopa
2009/156	Petunia		Balperblues	Rhythm and Blues	Petunia
2007/009	Hebe	hybrid	Turkish Delight		Hebe
2012/145	Cordyline	australis	Cha Cha		Cordyline
2009/319	Impatiens	hybrid	SAKIMP009		Busy Lizzie
2009/320	Impatiens	hybrid	SAKIMP011		Busy Lizzie

## 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>
1997/335	Phalaris	aquatica	Phalaris	AUSTRALIAN II
1995/188	Solanum	tuberosum	Potato	WINSTON
1997/336	Phalaris	aquatica	Phalaris	ATLAS PG
1997/093	Lupinus	luteus	Yellow Lupin	Wodjil
1995/191	Solanum	tuberosum	Potato	VALOR
1995/189	Solanum	tuberosum	Potato	KESTREL
1993/081	Chloris	gayana	Rhodes Grass	TOPCUT
1993/080	Chloris	gayana	Rhodes Grass	FINECUT
1997/026	Rosa	hybrid	Rose	MEITEBROS
1994/207	Rosa	hybrid	Rose	MEITOSIER

## Grants Revoked

The following varieties are no longer under PBR protection

<b>App No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
2014/050	Triticum	aestivum	Sunvalley		Wheat
2014/023	Solanum	tuberosum	Olympus		Potato
2009/354	Phalaenopsis	hybrid	Sogo F-1774		Moth Orchid
2009/355	Phalaenopsis	hybrid	Sogo F-1314		Moth Orchid
2003/238	Lactuca	sativa var. longifolia	Cyclone		Lettuce
2001/114	Pyrus	communis	Golden Belle		European Pear
2007/226	Pyrus	communis	Arena		European Pear
2003/343	Anubias	hybrid	Paco		Anubias
2003/344	Anubias	barteri	Lorraine		Anubias
2003/345	Anubias	barteri	Jenny		Anubias
2003/346	Anubias	hybrid	Isabelle		Anubias
2003/347	Anubias	hybrid	Lisa		Anubias

## Corrigenda

Potato

*Solanum tuberosum*

### **‘Manhattan’**

Application Number: 2016/306

The “Tuber: colour of flesh” for the variety ‘Manhattan’ is corrected from “white” to “light yellow” and the claim of distinctness also removed from this characteristic in the in the Variety Description table published in PVJ 30.2.

Potato

*Solanum tuberosum*

### **‘Aparchee’**

Application Number: 2014/032

The variety name was changed from 'Apache' to ‘Aparchee’. The name was changed due to conflict with an existing variety name in the same denomination class. The breeders code of the variety is “150 PS05”. This variety is registered as ‘Apache’ in EU.

Tall Fescue

*Festuca arundinacea*

### **‘Charlem’**

Application Number: 2006/331

The claim of distinctness on “Plant: natural height (cm)” have been removed from the statistical table in the variety description in PVJ 29.4 as this measured characteristics does not satisfy the PBR criteria.

Phalaris

*Phalaris aquatica*

### **‘Stockman’**

Application Number: 2006/336

The claim of distinctness on “Inflorescence: length (cm)” have been removed from the statistical table and from the distinctness table in the variety description in PVJ 29.4 as this measured characteristics does not satisfy the PBR criteria.

Strawberry  
*Fragaria xananassa*

Application Number: 2017/170

The variety name is changed to 'Sunglow-ASBP'. The variety name was inadvertently published as 'Sunglow ASBP' in the variety description published in PVJ 30.2.

Canola  
*Brassica napus*

**'PA1AN141A'**  
Application no: 2013/296

The claim of distinctness on Cotyledon length (mm), Siliqua length (mm) and Plant height have been removed from the statistical table and variety description and distinctness table published in PVJ 29.3 as these measured characteristics does not satisfy the PBR stability criteria.

Canola  
*Brassica napus*

**'PB1AN241B'**  
Application no: 2013/297

The claim of distinctness on Cotyledon length (mm), Petiole length (mm), Petal length & width (mm), and Siliqua: length (mm), Siliqua: penducle length (mm) and Plant height have been removed from the statistical table and also Cotyledon length (mm), Siliqua: length (mm), Siliqua: penducle length (mm) and Plant height have been removed from the variety description and distinctness table published in PVJ 29.3 as these measured characteristic does not satisfy the PBR stability criteria.

Canola  
*Brassica napus*

**'PR1AN503'**  
Application no: 2013/298

The claim of distinctness on Leaf: length & width (mm), Petiole length (mm), Petal length (mm) and Plant height (mm) have been removed from the statistical table and also variety description and distinctness table and published in PVJ 29.3 as these measured characteristic does not satisfy the PBR stability criteria.



## Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 31 Issue 4**) 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 Persons

Name
Archbald, Rachel
Baelde, Arie
Baker, Grant
Bartley, Megan
Berryman, Pamela
Boorman, Des
Box, Amanda
Brindley, Tony
Brown, Emma
Brunt, Charlotte
Bunker, Kerry
Bunker, John
Buselich, David
Cameron, Nick
Campbell, David
Carena, Marcelo
Cecil, Andrew
Chesher, Wayne
Clayton-Greene, Kevin
Clingeffer, Peter
Cogan, Noel
Connolly, Karen
Costin, Russell
Coventry, Stewart
Cowling, Wallace
Culvenor, Richard
Davey, Timothy
De Barro, James
Dilag, Calixto
Dorney, Nicholas
Downe, Graeme
Eyles, Gary
Fitzgibbon, John
Flattery-O'Brien, Jacinta
Fleming, Rebecca
Gaudion, Jenny
Gillies, Leanne
Graetz, Darren

Gray, John
Gunther, Tom
Hayes, Richard
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
Moody, David
Moss, Ian
Myors, Philip
Newell, Chris
Newman, Allen
Nichols, Phillip
O'Leary, Finbarr
Oram, Ann
Pandey, Babu
Parkes, Heidi
Paull, Jeff
Pearce, Bob
Peck, David
Pegg, Amelia
Pidgeon, Mark
Pike, David
Pike, Elise
Porter, Gavin
Pressler, Craig

Rankin, Grant
Rathey, Allan
Rayner, Kenneth
Real, Daniel
Roake, Jeremy
Russell, Dougal
Sanewski, Garth
Schreuders, Harry
Senior, Michael
Shapter, Timothy
Shoaib, Mirza
Smith, Leigh
Smith, Chris
Smith, Malcolm
Snell, Peter
Snelling, Cath
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Tabah, David
Thomas, Adam
Todd, Peter
Turpin, Susanna
Verlaat, Sandra

Last updated on: 06/03/2019

## **APPENDIX 4**

### **ADDRESSES OF UPOV AND MEMBER STATES**

#### **International Union for the Protection of New Varieties of Plants (UPOV):**

International Union for the Protection of New Varieties of Plants (UPOV)  
34, Chemin des Colombettes  
CH-1211  
Geneva 20  
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

[List of Addresses](#) of Plant Variety Protection Offices in UPOV Member States

[Status of Ratification](#) in UPOV member States is available from UPOV website.

## APPENDIX 5

### CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$920. This is a saving of more than 40% over the normal fee of \$1610.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

### REQUESTS FOR AUTHORITY AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

#### Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

##### Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

##### Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

trial the relevant UPOV protocols, technical guideline or national descriptor for the genus should be followed. Where necessary the establishment and conduct of the trial can be discussed with the PBR office.

### Industry support

Details of requests for authorisation as a CTC will be published as pending in the Plant Varieties Journal for a period of 3 months. If no adverse comments are received after this period it will be assumed that there are no particular concerns in the industry regarding the authorisation. Evidence of industry support can be supplied in support and may be required if any adverse comments are received.

### Long-term storage of genetic material

Applicants nominate where their material is to be maintained prior to grant. However, depending upon the genus, a CTC may be in a position to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

### Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

### Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

### One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

### One CTC per genus

Normally only one CTC per state will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office.

### Authorised Centralised Test Centres (CTCs)

Following publication of requests for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation	Next review date
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane, QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/06/1997	1/08/2019
Agriculture Western Australia	Northam, WA	Wheat	Field, laboratory	D Collins	30/06/1997	1/08/2019
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <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> , <i>348</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			
Turf Australia†	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
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/03/2001	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 I Haak	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

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Chrysko Flowers	Skye, VIC	<i>Chrysanthemum</i>	Controlled environment glasshouse	C. Prescott
Haar's Nursery	Somerville, VIC	<i>Erysimum</i> , <i>Impatiens</i> ** <i>Nemesia</i>	Propagation greenhouses; indoor and outdoor growing areas	M. Lunghusen
Highsun Express**	Ormiston and Toowoomba	<i>Pelargonium</i> , <i>Verbena</i> and <i>Petunia</i>	Climatecontrolled greenhouses, shade houses, outdoor growing areas, germination chambers, cool rooms, an approved quarantine facility	D Singh M Zorin
Yates Botanical Pty Ltd**	Somersby and Tuggerah NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	IPaananen

\*\* = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

† = Following the 2012 restructuring within the Queensland Government, the CTC for *Cynodon*, *Zoysia* and other selected warm season-season turf and amenity species at Cleveland, Queensland previously conducted by Department of Primary Industries, Redlands Research Station, will now be run at the same location by Turf Australia.

Comments (for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

Chief of PBR  
Plant Breeder's Rights Office  
IP Australia  
PO Box 200  
Woden, ACT 2606

Closing date for comment: 3 months from the date of this publication

## APPENDIX 6

## List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex:

Part II.

## LIST OF CLASSES

Part I*Classes within a genus*

	<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 erinaceum Hypsizig us marmoreus Hypsizig us ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Karsten Mycoleptonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var. citrinooileatus Pleurotus cystidiosus Pleurotus cystidiosus subsp. Abalonus Pleurotus eryngii Pleurotus ostreatus Pleurotus pulmonarius Polyporus tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteum 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 MYCOL_AIT 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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