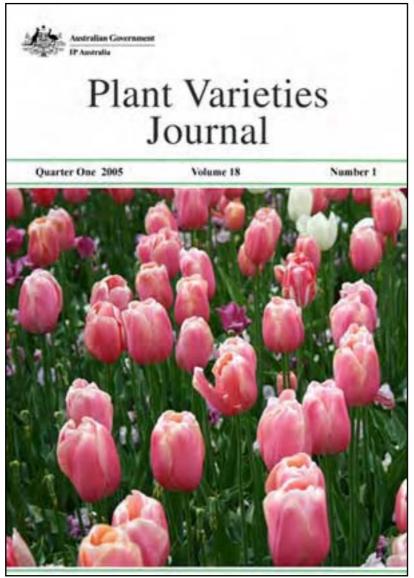
## Plant Varieties Journal - Volume 18 Number 1. Optimised for Screen Viewing.



**Plant Varieties Journal** 

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- Part 1 General Information about Plant Breeder's Rights Scheme.
- Part 2 Public Notices Acceptances, Variety Descriptions, Grants, Variations etc.
- Part 3 Appendices Fees, PBRAC, Qualified Persons, UPOV, CTC, Variety Denominations etc.
- Subscribe free subscription to Plant Varieties Journal.

#### Part 1 General Information

Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights scheme, the procedures for objections and revocations, UPOV developments, Important Changes etc. The General Information pages of *Plant Varieties Journal* (Vol. 18 Issue 1) are listed below:

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**Important Notice** 

**Current PBR Forms** 

#### Interactive Variety Description System (IVDS)

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet (https://www.edaff.gov.au/pbr\_ivds) for the Qualified Persons (QPs).

In April 2005, all QPs have officially been notified of this new system and provided with access to IVDS with their individual user name and password. One of the main features of the system is to harmonise variety descriptions at both national and international level and make the PBR application process as smooth and efficient as possible.

The IVDS allows QPs to fill in descriptions on-line by accessing relevant test guidelines and selecting specific characteristics with the relevant states of expressions from the options provided. The IVDS incorporated all of the approved UPOV test guidelines (and some national equivalents where a UPOV test guideline is not available) into interactive forms with easy to use drop-down menus. QPs can "build" their own additional/special characteristics if they are not available in the guideline. The IVDS also accepts statistical information.

The IVDS emphasises the use of "grouping characteristics" in selecting comparator varieties. Finally, it allows QPs to lodge the completed variety descriptions on-line. There is a minimum of typing involved in the process.

The PBRO anticipates that the QPs have the opportunity to familiarise themselves with IVDS during the testing and demonstration phase (August – Dec 2004) and could operate the system comfortably. There are **step by step on-screen instructions with examples in each screen of IVDS**, which will assist the QPs to complete the process with minimum of typing. In addition, PBRO is ready to help QPs, if they encounter any problem. (Please send an e-mail to pbr@ipaustralia.gov.au)

#### 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 prove the views, assertions, and opinions of persons challenging protection for plant varieties. Those objecting to/commenting on applications or requesting/commenting on revocation of a grant or declaration that a plant variety is essentially derived from another plant variety must provide conclusive supporting evidence why their objection/comment/request should be upheld. It cannot be stressed too strongly that conclusive argumentation should be provided from the outset.

## **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.

## **Comments on Applications**

The PBRO accepts comments on applications. However, the scheme is managed on normal risk management lines and with an emphasis on the requirement that challengers with a commercial interest must demonstrate conclusively that an application should not be granted.

All written comment will be acknowledged. The PBRO is under no obligation to enter into further communication regarding comments. If an application does not proceed to a grant it will be notified in this journal.

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 affect 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 final report of the expert panel is available now.

#### **Use of Overseas Data**

## Overseas Testing/Data

The PBR Act allows DUS data produced in other countries (overseas data) be used in lieu of conducting a comparative trial in Australia provided certain conditions are met; relating to the 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. Briefly the overseas data could be considered where:

- The first PBR application relating to the candidate variety has been lodged overseas, and
- the variety has previously been test grown in a UPOV member country using official UPOV test guidelines and test procedures, (i.e. equivalent to a comparative trial in Australia) and
- either, all 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 the Australian varieties of common knowledge that further DUS test growing is not warranted, and
- sufficient data and descriptive information is available to publish a description of the variety in an accepted format in Plant Varieties Journal; and to satisfy the requirements of the PBR Act.

#### Taxa that must be trailled 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

The Qualified Person, in consultation with the agent/applicant, and perhaps other specialists and taxonomists, will need to evaluate the overseas data, test report and photographs to see if the application does fulfil all PBR Office requirements, and then advise the agent/applicant:

- either, to submit Part 2 incorporating a description for publication, any additional data and photographs and to pay the examination fee;
- or, to conduct a DUS trial in Australia, recommending to the applicant/agent which additional varieties of common knowledge to include;
- or, submit Part 2 including additional data (information about similar varieties in Australia to show that they are clearly distinct from the candidate variety that a further DUS test growing including the similar varieties is not warranted and that the variety displays the distinctive characteristics when grown in Australia)

Please note that the PBR office does not obtain overseas DUS test reports on behalf of applicants. It is the sole responsibility of the applicants to obtain these reports directly from the relevant overseas testing authorities. Where applicants already have the report they are advised to submit a certified true copy of the report with the Part 1 application. Applicants, or those duly authorised, may certify the copy.

If you do not have the test report available at the time of Part-1 application then you are advised to submit the Part-1 application without the test report. However, you should make arrangements to procure the DUS test report directly from the relevant testing authority. When the report becomes available, a certified copy should be supplied to the QP and the PBR office.

When the trial is based on an UPOV technical guideline and test report in an official UPOV language (English, German or French), it can be lodged in support of the application. In other cases the test reports must be in English.

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.

If a description is based on an overseas test report, Australian PBR will not be granted until after the decision to grant PBR in the country producing the DUS test is made. The final decision on the acceptability of overseas data rests with the PBR office.

# **PBR Infringement**

Grantees should be aware of recent revisions to infringement provisions of the *Plant Breeder's Rights Act 1994* (see section 54) and related provisions of the Federal Court Rules (see order 58 rule 27) both of which can be found at the SCALEplus site

#### **On-line Database for PBR Varieties**

The PBR Office has a comprehensive service for Internet users ~ a searchable database for all Australian PBR varieties, both past and present. The database features a detailed description and image for every variety granted full rights and basic information for other PBR varieties. Searches by genus, species, common name, variety name and titleholder are some of its many advantages. Varieties for which an application has been lodged but not yet accepted in the PBR scheme are not included in this database. Please browse the Plant Breeder's Rights on-line database and provide your feedback.

#### **Cumulative Index to Plant Varieties Journal**

The cumulative index to the *Plant Varieties Journal* has been updated to include variety information from all hardcopy versions upto volume 16 issue 3. After that issue the *Plant Varieties Journal* is only published in the electronic format and there is no need for a cumulative index, as the variety information can be easily serached in the PBR Webdabase and also by **downloading** the *Plant Varieties Journal* electronically.

The final updated vesrion of the **cumulative index** is available in PBR website. This document has information upto **Plant Varieties Journal** volume **16 issue 3**. The PBR office recommends to use its PBR Webdabase to get most updated information on variety registration. The webdatabase is updated on a weekly basis.

# **Applying for Plant Breeder's Rights**

Applications are accepted from the original breeder of a new variety (from their employer if the breeder is an employee) or from a person who has acquired ownership from the original breeder. Overseas breeders need to appoint an agent to represent their interests in Australia. Interested parties should contact the PBR office and an accredited Qualified Person (Appendix 3) experienced in the plant species in question.

#### **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 is 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*.

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

# **UPOV Developments**

The complete list UPOV member states with their address and current status of ratification is given in Appendix 5.

Information on UPOV and its activities is available on the UPOV website.

The adopted UPOV Technical Guidelines (TG) for testing different plant species are now available on UPOV website

## **CPVO Developments**

The Community Plant Variety Office (CPVO) has announced some likely changes to its Examination and Annual fees. The new rate of Examination fee will range from 1020 to 1200 euros. A list giving the fees foreseen for every species can be viewed at CPVO website. The Annual fee will be reduced to a flat rate of 300 euros for every species until the year 2005. The precise content of the regulations and its entry into force have still to be decided by the European Commission.

# 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. Relatedly, 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 coexists 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.

#### Instructions to Qualified Persons

# Instruction to Qualified Persons: Interactive Variety Description System (IVDS) for Preparing Detailed Description for *Plant Varieties Journal*

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet (https://www.edaff.gov.au/pbr\_ivds) for the Qualified Persons (QPs).

In April 2005, all QPs have officially been notified of this new system and provided with access to the IVDS with their individual user name and password. One of the main features of the system is to harmonise variety descriptions at both national and international level and make the PBR application process as smooth and efficient as possible.

The IVDS allows QPs to fill in descriptions on-line by accessing relevant test guidelines and selecting specific characteristics with the relevant states of expressions from the options provided. The IVDS incorporated all of the approved UPOV test guidelines (and some national equivalents where a UPOV test guideline is not available) into interactive forms with easy to use drop-down menus. QPs can "build" their own additional/special characteristics if they are not available in the guideline. The IVDS also accepts statistical information.

The IVDS emphasises the use of "grouping characteristics" in selecting comparator varieties. Finally, it allows QPs to lodge the completed variety descriptions on-line. There is a minimum of typing involved in the process.

The PBRO anticipates that the QPs have the opportunity to familiarise themselves with IVDS during the testing and demonstration phase (August – Dec 2004) and could operate the system comfortably. There are **step by step on-screen instructions with examples in each screen of IVDS**, which will assist the QPs to complete the process with minimum of typing. In addition, PBRO is ready to help QPs, if they encounter any problem. (Please send an e-mail to pbr@ipaustralia.gov.au) Please continue to submit the signed Part 2 documentation including the uniformity and stability data in the existing way.

The PBR encourages the QPs to lodge detailed descriptions using IVDS staring from the next issue of *Plant Varieties Journal* (PVJ 18.2). This journal will close on 30 June 2005. However, if you have already started your description in the old format, you can submit it in the old format for the next journal. Please note that after 1 July 2005, the variety descriptions will only be submitted in the IVDS format and the old format descriptions will be returned to the QPs.

If you are still working on a description in the old format please follow the instructions below. Please note you must submit the old format descriptions by 30 June 2005:

An old format detailed description for the *Plant Varieties Journal* must be prepared under following headings:

Details of the Application

| > | Characteristics                                 |  |
|---|---|--|
| > | Origin and Breeding                             |  |
| > | Choice of Comparator(s)                         |  |
| > | Comparative Trial                               |  |
| > | Prior Applications and Sales                    |  |
| > | Name of the person who prepared the description |  |
| > | Comparative Table                               |  |

At the discretion of the QP/Applicant, scientific papers and other relevant information/publications can be appended to the detailed description

Please note that the PBR office retains editorial control for all published material. Accordingly there may be instances when non-critical portions of a description (eg particularly verbose methodologies or appendices) are **not** published, although they do remain part of the detailed description. In some cases some non-distinct characteristics presented in a table may be omitted for publication

Following are some notes for preparing the descriptions under the above headings with some examples of style and format:

#### **Details of the Application**

This will include the correct **botanical name**; the **common name** of the species; **name** and **synonym** (if any) of the variety; **application number** and the **acceptance date**; details of the **applicant**; details of the **agent** (if any).

For consistency, botanical and common names should follow those of: *Hortus Third*, Staff of the LH Bailey Hortorium, Macmillan Publishing Company, 1976; *Census of Australian Vascular Plants*, RJ Hnatiuk, AGPS, 1990; *The Smart Gardeners Guide to Common Names of Plants*, M Adler, Rising Sun Press, 1994; *A Checklist of Economic Plants in Australia*, CSIRO, 1994; *Australian Plant Name Index*, Australian Biological Resources Study, AGPS, 1991.

Example 1

Genus species

Common name of the species

'Variety' syn Synonym (if applicable)

Application No: xxxx/xxx Accepted: dd month year.

Applicant: Applicant's Name, Town, State (abbreviation) and Country (if not Australia).

Agent: Agent's Name, Town, State (abbreviation).

#### **Characteristics**

Where there is a UPOV technical guideline available for the species make sure to follow the **Table of Characteristics** as closely as possible. As a general rule, the characteristics should be described in the phenological order using following subheadings: Plant, Stem, Leaf, Inflorescence, Flower and flower parts, Fruit and fruit parts, Seed, Other characters (disease resistance, stress tolerance, quality etc). Individual characteristics within the subheadings should generally be in the following order: growth habit, height, length, width, shape, colour (RHS colour chart reference with edition), other. Each individual characteristic should be followed by its specific state of expression. Use a concise taxonomic style in which subheadings are followed by a colon and individual characteristics are separated by a comma.

#### Example 2

Characteristics (Table nn, Figure nn) Plant: growth habit upright, height medium, width narrow. Stem: anthocyanin colouration absent, internode length short. Leaf: length long, width narrow, variegation present, predominant colour green (RHS 137A), secondary margin colour pale green-yellow (RHS 1A). Inflorescence: type corymb. Flower: pedicel short, diameter small (average 12.5mm), number of petals 5, petal colour yellow (RHS 12A), number of sepals 5 .....etc (Note: give the reference for the edition of RHS colour chart used, eg. all RHS colour chart numbers refer to 1986 edition)

#### Origin and Breeding

Indicate how the variety was originated, i.e. controlled pollination, open pollination, induced mutation, spontaneous mutation, introduction and selection, seedling selection etc. Give the name of the parents. Also give the characteristics of the parental material by which they differ from the candidate variety. Briefly describe the breeding procedure and selection criteria used in developing the new variety. Also indicate the mode of propagation used during breeding. Give the name(s) of the breeder.

#### Example 3

**Origin and Breeding** Controlled pollination: seed parent S90-502-1 x pollen parent S90-1202-1. The seed parent was characterised by early flowering, dark green non-variegated leaves and compact bushy habit. The pollen parent was characterised by late flowering, variegated leaves and narrow bushy habit. Hybridisation took place in <location>, <country> in <year>. From this cross, seedling number S 3736 was chosen in 1993 on the basis of flowering time. Selection criteria: variegated leaves, compact bushy habit and early flowering. Propagation: a number mature stock plants were generated from this seedling through tissue culture and were found to be uniform and stable. The 'Variety' will be commercially propagated by vegetative cuttings from the stock plants. Breeder: <name>, <location>, <country>.

### Example 4

**Origin and Breeding** Introduction and selection: 5 cycles of selection within <accession number> originating from <originating country> and supplied by the <company name> under a materials transfer agreement. When grown CI2204 was heterogeneous with both hooded and non-hooded types and differences in seed colour. Repeated selection for hooded types produced seven breeding lines (726.1-726.7), which were evaluated for forage and seed production potential. From these lines, a uniform single line known as 726.2.1 was selected to become 'Variety'. Selection criteria: seedling vigour, dry matter yield, uniformly hooded (awnless), seed colour (black). Propagation: by seed. Breeder: <name>, <location>, <country>.

#### **Choice of Comparators**

As identifying and including the most similar varieties of common knowledge may be the most crucial part of the trial, we suggest the Qps do more research and record their decisions before making the final selection. Under this heading indicate the rationale behind your selection of the most similar varieties of common knowledge included in the comparative trial. Identify the grouping characteristics used to exclude varieties from the comparative trial. Include all varieties where there is no possibility of distinguishing from the candidate variety through descriptions, photos, etc.

If the candidate variety has not been distinguished from its parents/source material elsewhere in the application, it is a requirement that the parents/source material be included in the comparative trial. However, this requirement can be waived <u>if</u> the parents/source material can be distinguished from the candidate variety by the use of the grouping characteristics mentioned above.

## Example 5

**Choice of Comparators** Grouping characteristics used in identifying the most similar varieties of common knowledge were - Stem: anthocyanin colouration absent, Leaf: variegation present, Flower: colour yellow. On the basis of these grouping characteristics following comparator varieties were included in the trial: 'Comparator 1', 'Comparator 2', 'Comparator 3' etc.

## Example 6

**Choice of Comparators** Grouping characteristics used in identifying the most similar varieties of common knowledge were – Seed: colour. On the basis of this grouping characteristic, the following comparator varieties were included in the trial: 'Comparator 1', 'Comparator 2' etc. The original source material from which the variety was selected was also included for the purpose of providing evidence of breeding.

#### Example 7

**Choice of Comparators** 'Comparator 1' is the only other variety of common knowledge in existence at the time of lodgement of this application. No other varieties of common knowledge have been identified.

#### **Comparative Trial**

State the location and date of the trial. Give relevant details on propagation, pot/plot size and type, growing medium, chemical treatments, lighting, irrigation, or management, which may be necessary to repeat the trials. State the type of trial design used, the total number of specimens in the trial and how they were arranged. State the number of specimens from which measurements/observations were taken. Also indicate how the specimen was selected and the sampling regime.

#### Example 8

Comparative Trial Location: Carrum Downs, VIC (Latitude 38°06¢ South, elevation 35m), summer-autumn 1996/97. Conditions: trial conducted in a polyhouse, plants propagated from cutting, rooted cuttings planted into 210mm pots filed with soilless potting mix (pine bark base), nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: fifteen pots of each variety arranged in a completely randomised design. Measurements: from ten plants at random. One sample per plant.

## **Prior Applications and Sales**

Indicate the prior overseas applications with Country, Year of lodgement, Current status and Name applied in the following format.

## Example 9

| Country Year |      | Current Status | Name Appli | ed        |
|--------------|------|----------------|------------|-----------|
| Germany      | 1994 | Grante         | ed         | 'Variety' |
| Denmark      | 1994 | Grante         | ed         | 'Variety' |

Also indicate date and country of first sale and date of first sale in Australia.

Example 10

First sold in Germany in 1994. First Australian sale Nil.

# Name of the person who prepared the description

Name and address of the person who prepared the description. It is preferable that the description be prepared by the Qualified Person or at the very least the draft has been seen and approved by the QP before final submission. Please note that it is a responsibility of the QP under the PBR Act to verify the particulars of the detailed description are accurate.

Example 11

Description: Name, Company (optional), Town/suburb, State (abbreviated)

## **Comparative Table**

While preparing the table **NEVER** use the "table creating features" of word processing packages as they insert hidden formatting blocks that are difficult to remove before publication. Instead, use a **single tab mark** to align columns. NEVER use drawing objects to create lines, boxes or shading. Instead use the underscore character (\_\_) to create lines for tables. Tables should normally be either 8.5cm wide (half page) or 17.5cm wide (full page). If necessary a very wide table can be presented in landscape orientation.

#### Please note the following points when preparing the comparative table:

- The candidate variety is always on the left of the table. If the same table is used for two or more candidate varieties, the candidate varieties are arranged in order of application numbers, higher application number to the left of the table. Comparators are always to the right of the candidate(s).
- Arrange the characteristics in order this should be the same as the order in the UPOV technical guidelines for the species. Please ensure that each characteristics marked with an asterisk is included.
- If a UPOV technical guideline is not available use the order same as in the text part: Plant, Stem, Leaf, Inflorescence, Flower, Flower parts, Fruit, Fruit parts, Seed, special characters etc.
- For measured characteristics Mean, Standard Deviation, Least Significant Difference (LSD)\*at P< 0.01 is mandatory.
- When quoting significant differences please give the level of probability in the following format: P<0.001, P<0.01, or ns.
- For discrete characters do **not** use scores. Please give a **word** description. eg. round, medium, tall etc.
- For ranked characteristics just give the numbers, do not use 'normal' statistical analysis. Non- parametric statistical procedures may be used in such cases.
- Use only the number of significant decimal places appropriate to the level of accuracy of the observations.
- If there are two or more candidate varieties, use range tests rather than an LSD, such as Duncan's Multiple Range Test or any other appropriate multiple range test. Enter the grouping characters as alphabet superscripts.

Completed Part 2 Applications should be sent to:

Plant Breeder's Rights Office IP Australia GPO Box 200, Woden, ACT 2606

To facilitate editing, descriptions may also be sent via E-mail to: PBR@ipaustralia.gov.au

Note: a signed copy of the Part 2 application along with the examination fee, one slide or photograph must also be sent by post.

## **Important Notice**

## Interactive Variety Description System (IVDS) goes live in the Internet

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#### **Current PBR Forms**

#### **Current PBR Forms**

The official forms for PBR purposes are periodically updated. A list of current PBR forms with their numbers and date of last update is available from PBR website. When a form is updated, the month and the year of the last update follow the form number within parentheses. For example, Form P1 was last updated in September 2001 and therefore this form gets a designation of Form P1 (9/01). We also encourage you to consult the 'Guidelines for Completing Part 1 Application Form' before filing in the Part 1 Application. To avoid delays we suggest that you use the latest version of the forms.

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants, Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 18 Issue 1) are listed below:

Acceptances
Variety Descriptions
Grants
Denomination Changed
Synonym Added/Changed
Agent Amended
Change of Ownership
Applications Withdrawn
Grants Surrendered
Corrigenda

# **Acceptances**

Click on the column headings to re-sort the matches in alphanumeric order by that particular column.

| Common (Genus<br>Species)                     | Variety         | Title Holder   |  |
|---|-----------------|--|--|
| Aglaonema (Aglaonema<br>hybrid)               | Valentine       | Hoy Wan Choy   |  |
| Apple (Malus domestica)                       | Pinkie          | The Horticulture and Food Research Institute of New Zealand Limited  |  |
| Apple (Malus domestica)                       | African Red     | Arc Infruitec Nietvoorbij  |  |
| Arguta (Actinidia arguta)                     | Hortgem Toru    | The Horticulture and Food Research Institute of New Zealand Limited  |  |
| Arguta <i>(Actinidia arguta)</i>              | Hortgem Wha     | The Horticulture and Food Research Institute of New Zealand Limited  |  |
| Berseem Clover<br>(Trifolium alexandrinum)    | Memphis         | Michel Obtention   |  |
| Blanket Flower<br>(Gaillardia xgrandiflora)   | Fanfare         | Richard Read   |  |
| Brunia (Brunia stokoei x<br>Brunia albiflora) | Blush Beauty    | Peter Genat  |  |
| Buffalo Grass<br>(Stenotaphrum<br>secundatum) | Marine          | John Sultana, James Sultana, Joshua<br>Sultana, Jacab Sultana  |  |
| Cabbage Tree (Cordyline obtecta)              | Emerald Goddess | Lyndale Nurseries Auckland Ltd   |  |
| Canola (Brassica napus)                       | Boomer          | Canola Breeders Western Australia Pty Ltd  |  |
| Canola (Brassica napus)                       | Rocket CL       | Pacific Seeds Pty Ltd  |  |
| Canola (Brassica napus)                       | Thunder TT      | Pacific Seeds Pty Ltd  |  |
| Canola (Brassica napus)                       | Bravo TT        | Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation, Nugrain Pty Ltd and PlantTech Pty Ltd |  |
| Cuphea (Cuphea hybrid) Flamenco Samba         |                 | TC & JM Keogh  |  |
| Cuphea (Cuphea hybrid)                        | Flamencotango   | TC & JM Keogh  |  |
| Cuphea (Cuphea hybrid)                        |                 | TC & JM Keogh  |  |

| Durum Wheat (Triticum turgidum ssp. durum) | TD94B           | Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation |  |
|--|-----------------|--|--|
| Durum Wheat (Triticum turgidum ssp. durum) | TD94C           | Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation |  |
| Flax Lily (Dianella prunina)               | DP303           | Ozbreed Pty Ltd  |  |
| Flax Lily (Banksia<br>spinulosa)           | BC 01           | Austraflora Pty Ltd  |  |
| Gaura (Gaura<br>lindheimeri)               | Siskiyou White  | Plant Growers Australia Pty Ltd  |  |
| Lettuce (Lactuca sativa)                   | Betanto         | Nunza BV   |  |
| Lettuce (Lactuca sativa)                   | Bughatti        | Nunza BV   |  |
| Lettuce (Lactuca sativa)                   | Veredes         | Nunza BV   |  |
| Leucadendron (Leucadendron hybrid)         | Ruby Red        | Protea Growers Pty Ltd   |  |
| Leucadendron (Leucadendron hybrid)         | Claire's Beauty | Protea Growers Pty Ltd   |  |
| Lucerne (Medicago<br>sativa)               | 56S82           | Pioneer Hi-Bred International, Inc.  |  |
| Mango (Mangifera indica)                   | A67             | State of Queensland through its<br>Department of Primary Industries and<br>Fisheries and Promised Land Avocados<br>Pty Ltd         |  |
| New Zealand Iris<br>(Libertia ixiodies)    | Goldfinger      | Naturally Native New Zealand Plants Ltd  |  |
| Nierembergia (Nierembergia hybrid)         | DOCAM           | Charles Beresford Pretorius Jobling  |  |
| Oats (Avena sativa)                        | Drover          | NDSU Research Foundation   |  |
| Peruvian Lily<br>(Alstromeria hybrid)      | ZAPRIJUL        | Van Zanten Plants B.V.   |  |
| Peruvian Lily<br>(Alstroemeria hybrid)     | ZALSAREST       | Van Zanten Plants B.V.   |  |
| Phygelius (Phygelius hybrid)               | Yapyel          | Frederic Yates   |  |
| Phygelius (Phygelius hybrid)               | Yapor           | Frederic Yates   |  |
| Phygelius (Phygelius hybrid)               | Yapwin          | Frederic Yates   |  |

| Phygelius (Phygelius hybrid)       | Funfair Coral    | Frederic Yates   |  |
|------------------------------------|------------------|--|--|
| Poinsettia (Euphorbia pulcherrima) | Fismarble Silver | FLORA-NOVA Pflanzen GmbH   |  |
| Rose (Rosa hybrid)                 | Poulstri         | Poulsen Roser A/S  |  |
| Rose (Rosa hybrid)                 | Poulhult         | Poulsen Roser A/S  |  |
| Rose (Rosa hybrid)                 | Poulaksel        | Poulsen Roser A/S  |  |
| Rose (Rosa hybrid)                 | Poulac006        | Poulsen Roser A/S  |  |
| Rose (Rosa hybrid)                 | Poulac002        | Poulsen Roser A/S  |  |
| Rose (Rosa hybrid)                 | Grandured        | Mr H Schreuders  |  |
| Rose (Rosa hybrid)                 | TAN91151         | Rosen Tantau, Mathias Tantau Nachfolger  |  |
| Rose (Rosa hybrid)                 | JACzeman         | Jackson & Perkins Wholesale, Inc.  |  |
| Sweet Orange (Citrus sinensis)     | Joe's Early      | John Sorgiovanni   |  |
| Verbena (Verbena xhybrida)         | Wesverdark       | Heinrich Westhoff  |  |
| Wheat (Triticum aestivum)          | Tammarin Rock    | State of Western Australia through its<br>Department of Agriculture and Grains<br>Research and Development Corporation |  |
| Wheat (Triticum aestivum)          | SUN421T          | The University of Sydney and Grains<br>Research and Development Corporation  |  |
| Wheat (Triticum aestivum)          | AGT Scythe       | Australian Grain Technologies Pty Ltd  |  |
| Wheat (Triticum aestivum)          | GBA Hunter       | Grain Biotech Australia Pty Ltd  |  |

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Date of effect: 29-Apr-2005

## Apple (Malus domestica)

Variety: 'African Red'

Synonym: N/A

**Application no:** 2004/295 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Oct-2004 **Accepted:** 03-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A Varieties

Journal:

description for this variety available in this database.

Title Holder: Arc Infruitec Nietvoorbij

**Agent:** Fleming's Nurseries & Associates Pty Ltd

**Telephone**: (03) 9756 6105 **Fax**: (03) 9752 0005

Date of effect: 29-Apr-

# Flax Lily (Banksia spinulosa)

Variety: 'BC 01' Synonym: N/A

**Application no:** 2005/011 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 28-Jan-2005 **Accepted:** 08-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Austraflora Pty Ltd

Agent:Bill MolyneuxTelephone:0359652001Fax:0359652033

Date of effect: 29-Apr-

## Wheat (Triticum aestivum)

Variety: 'AGT Scythe'

Synonym: N/A

**Application no:** 2005/022 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 17-Jan-2005 **Accepted:** 07-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A Varieties

Journal:

description for this variety available in this database.

Title Holder: Australian Grain Technologies Pty Ltd

Agent: N/A

**Telephone**: 0883037835 **Fax**: 0883037964

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'Boomer'

Synonym: N/A

**Application no:** 2004/265 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Sep-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Canola Breeders Western Australia Pty Ltd

Agent: N/A

**Telephone**: 0892858087 **Fax**: 0893874388

Date of effect: 29-Apr-

# Nierembergia (Nierembergia hybrid)

Variety: 'DOCAM' Synonym: Bebop

Application no: 2004/290 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 11-Oct-2004 Accepted: 09-Feb-2005

**Granted:** N/A

Description published in

**Plant** 

Varieties Journal:

There is no detailed Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Charles Beresford Pretorius Jobling Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

#### Durum Wheat (Triticum turgidum ssp. durum)

Variety: 'TD94B'
Synonym: N/A

**Application no:** 2004/316 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 16-Nov-2004 **Accepted:** 18-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Department of Primary Industries for and on behalf of the State of New

South Wales and Grains Research and Development Corporation

Agent: N/A

**Telephone**: 0263913540 **Fax**: 0263913563

Date of effect: 29-Apr-

## Durum Wheat (Triticum turgidum ssp. durum)

Variety: 'TD94C' Synonym: N/A

**Application no:** 2004/315 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 16-Nov-2004 **Accepted:** 18-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Department of Primary Industries for and on behalf of the State of New

South Wales and Grains Research and Development Corporation

Agent: N/A

**Telephone**: 0263913540 **Fax**: 0263913563

Date of effect: 29-Apr-

## Canola (Brassica napus)

Variety: 'Bravo TT'

Synonym: N/A

**Application no:** 2005/006 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 19-Jan-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Department of Primary Industries for and on behalf of the State of New

South Wales, Grains Research and Development Corporation, Nugrain

Pty Ltd and PlantTech Pty Ltd

Agent: PlantTech Pty Ltd

**Telephone**: 0383698010 **Fax**: 0383980111

Date of effect: 29-Apr-

# Poinsettia (Euphorbia pulcherrima)

Variety: 'Fismarble Silver'

Synonym: N/A

**Application no:** 2005/040 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 18-Feb-2005 **Accepted:** 09-Mar-2005

Granted: N/A

Description published in

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety varieties available in this database.

Journal:

**Title Holder:** FLORA-NOVA Pflanzen GmbH **Agent:** Sprint Horticulture Pty Ltd

**Telephone**: 0243857546 **Fax**: 0243855727

Date of effect: 29-Apr-

available in this database.

### Plant Varieties Journal - Search Result Details

## Phygelius (Phygelius hybrid)

Variety: 'Yapyel'

Funfair Yellow Synonym:

Application no: 2004/293 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 11-Oct-2004 Accepted: 28-Jan-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Frederic Yates

Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

## Phygelius (Phygelius hybrid)

Variety: 'Yapor'

**Synonym:** Funfair Orange

**Application no:** 2004/292 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Oct-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Frederic Yates

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

## Phygelius (Phygelius hybrid)

Variety: 'Yapwin'

**Synonym:** Funfair Wine

**Application no:** 2004/291 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Oct-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A Varieties

Journal:

description for this variety available in this database.

**Title Holder:** Frederic Yates

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

available in this database.

#### Plant Varieties Journal - Search Result Details

## Phygelius (Phygelius hybrid)

Variety: 'Funfair Coral'

Synonym: N/A

Application no: 2004/294 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 13-Oct-2004 Accepted: 28-Jan-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Frederic Yates

Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

### Wheat (Triticum aestivum)

Variety: 'GBA Hunter'

Synonym: N/A

**Application no:** 2004/326 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 02-Dec-2004 **Accepted:** 18-Jan-2005

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Grain Biotech Australia Pty Ltd

Agent: N/A

**Telephone:** (08) 9360 7567 **Fax:** (08) 9360 7569

Date of effect: 29-Apr-

### Verbena (Verbena xhybrida)

Variety: 'Wesverdark'

Synonym: N/A

**Application no:** 2004/300 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 04-Nov-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description published in

**Plant**There is no detailed description for this v

Varieties

Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Heinrich Westhoff

**Agent:** Sprint Horticulture Pty Ltd

**Telephone**: 0243857546 **Fax**: 0243855727

Date of effect: 29-Apr-

# Aglaonema (Aglaonema hybrid)

Variety: 'Valentine'

Synonym: N/A

**Application no:** 2004/330 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Dec-2004 **Accepted:** 18-Jan-2005

Granted: N/A

Description

**published in** There is no detailed

Plant Volume N/A, Issue N/A description for this variety varieties available in this database.

Journal:

Title Holder: Hoy Wan Choy
Agent: Ornatec Pty Ltd
Telephone: 0732860333
Fax: 0732860300

Date of effect: 29-Apr-

available in this database.

## Plant Varieties Journal - Search Result Details

## Rose (Rosa hybrid)

Variety: 'JACzeman' Synonym: Sundance

Application no: 2004/297 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 25-Oct-2004 Accepted: 28-Jan-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Jackson & Perkins Wholesale, Inc. Agent: Swanes Nurseries Australia Pty Ltd

**Telephone**: 0268894945 Fax: 0268892533

Date of effect: 29-Apr-

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

Variety: 'Joe's Early'

Synonym: N/A

Application no: 2005/042 **Current status:** ACCEPTED

Certificate no: N/A

Received: 21-Feb-2005 Accepted: 08-Mar-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

available in this database.

Title Holder: John Sorgiovanni

Agent: John Irwin **Telephone**: 0350211100 Fax: 0350237560

Date of effect: 29-Apr-

### **Buffalo Grass (Stenotaphrum secundatum)**

Variety: 'Marine' Synonym: N/A

**Application no:** 2005/033 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Feb-2005 **Accepted:** 24-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: John Sultana, James Sultana, Joshua Sultana, Jacab Sultana

Agent: N/A

**Telephone**: 0245796287 **Fax**: 0245796997

Date of effect: 29-Apr-

# Cabbage Tree (Cordyline obtecta)

Variety: 'Emerald Goddess'

Synonym: N/A

**Application no:** 2004/207 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Jul-2004 **Accepted:** 01-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A Varieties

Journal:

description for this variety available in this database.

Title Holder: Lyndale Nurseries Auckland Ltd

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone**: 0356292443 **Fax**: 0356292822

Date of effect: 29-Apr-

available in this database.

#### Plant Varieties Journal - Search Result Details

### Berseem Clover (Trifolium alexandrinum)

Variety: 'Memphis'

Synonym: N/A

Application no: 2005/002 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 10-Jan-2005 Accepted: 18-Jan-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Michel Obtention

Agent: Belair Technology Pty Ltd

**Telephone**: 0418833579 Fax: 0882787277

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Grandured'

Synonym: N/A

Application no: 2004/337 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 22-Dec-2004 Accepted: 18-Jan-2005

**Granted:** N/A

Description published in

**Plant** 

Varieties Journal:

There is no detailed Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Mr H Schreuders

Agent: Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 Fax: 0397822576

Date of effect: 29-Apr-

available in this database.

### Plant Varieties Journal - Search Result Details

### New Zealand Iris (Libertia ixiodies)

Variety: 'Goldfinger'

Synonym: N/A

**Application no:** 2004/209 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 22-Jul-2004 **Accepted:** 01-Feb-2005

Granted: N/A

Description

published inThere is no detailedPlantVolume N/A, Issue N/Adescription for this variety

Plant Volume N/A, Issue N/A
Varieties

Journal:

**Title Holder:** Naturally Native New Zealand Plants Ltd **Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone**: 0356292443 **Fax**: 0356292822

Date of effect: 29-Apr-

### Oats (Avena sativa)

Variety: 'Drover' Synonym: PO 615

**Application no:** 2004/323 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 29-Nov-2004 **Accepted:** 25-Feb-2005

Granted: N/A

Description published in

Plant Volume N/A, Issue N/A

Varieties
Journal:

There is no detailed description for this variety available in this database.

Title Holder: NDSU Research Foundation

**Agent:** Pacific Seeds Pty Ltd

**Telephone**: 0746902663 **Fax**: 0746301063

Date of effect: 29-Apr-

### Lettuce (Lactuca sativa)

Variety: 'Betanto'

Synonym: N/A

Application no: 2005/004 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 10-Jan-2005 Accepted: 04-Feb-2005

**Granted:** N/A

Description

published in There is no detailed **Plant** 

Varieties Journal:

Volume N/A, Issue N/A

description for this variety available in this database.

Title Holder: Nunza BV Agent: Shelston IP **Telephone**: 0297771127 Fax: 0292414666

Date of effect: 29-Apr-

### Lettuce (Lactuca sativa)

Variety: 'Bughatti'

Synonym: N/A

**Application no:** 2005/005 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 10-Jan-2005 **Accepted:** 04-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Nunza BV
Agent: Shelston IP
Telephone: 0297771127
Fax: 0292414666

Date of effect: 29-Apr-

available in this database.

#### Plant Varieties Journal - Search Result Details

### Lettuce (Lactuca sativa)

Variety: 'Veredes'

Synonym: N/A

Application no: 2005/003 **Current status:** ACCEPTED

Certificate no: N/A

Received: 10-Jan-2005 Accepted: 04-Feb-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Nunza BV Agent: Shelston IP **Telephone**: 0297771127 Fax: 0292414666

Date of effect: 29-Apr-

## Flax Lily (Dianella prunina)

Variety: 'DP303' Synonym: N/A

**Application no:** 2005/010 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 28-Jan-2005 **Accepted:** 04-Feb-2005

Granted: N/A

Description

**Plant**There is no detailed description for this v

Varieties
Journal:

Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Ozbreed Pty Ltd

Agent: N/A

**Telephone**: 0245780866 **Fax**: 0245780855

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'Rocket CL'

Synonym: N/A

**Application no:** 2004/329 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 06-Dec-2004 **Accepted:** 22-Feb-2005

Granted: N/A

Description

**Plant**There is no detailed description for this v

Plant Volume Varieties

Journal:

description for this variety available in this database.

Title Holder: Pacific Seeds Pty Ltd

Agent: N/A

**Telephone**: 0746902666 **Fax**: 0746301063

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'Thunder TT'

Synonym: N/A

Application no: 2004/328 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 06-Dec-2004 Accepted: 22-Feb-2005

**Granted:** N/A

Description published in

**Plant** Volume N/A, Issue N/A

Varieties Journal:

There is no detailed description for this variety available in this database.

Title Holder: Pacific Seeds Pty Ltd

Agent: N/A

**Telephone**: 0746902666 Fax: 0746301063

Date of effect: 29-Apr-

### Brunia (Brunia stokoei x Brunia albiflora)

Variety: 'Blush Beauty'

Synonym: N/A

**Application no:** 2004/325 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 30-Nov-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Peter Genat

Agent: N/A

**Telephone**: 0359681214 **Fax**: 0359681341

Date of effect: 29-Apr-

### Lucerne (Medicago sativa)

**Variety**: '56S82' **Synonym**: L56

**Application no:** 2005/001 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 06-Jan-2005 **Accepted:** 18-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

**Title Holder:** Pioneer Hi-Bred International, Inc. **Agent:** Pioneer Hi-Bred Australia Pty Ltd

**Telephone**: 0746372966 **Fax**: 0746372977

Date of effect: 29-Apr-

available in this database.

#### Plant Varieties Journal - Search Result Details

### Gaura (Gaura lindheimeri)

Variety: 'Siskiyou White'

Synonym: N/A

Application no: 2005/041 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 18-Feb-2005 Accepted: 08-Mar-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Plant Growers Australia Pty Ltd

Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Poulac002'

Synonym: N/A

**Application no:** 2005/017 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 01-Feb-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description

**Plant**There is no detailed description for this value.

Varieties

Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Poulsen Roser A/S

Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Poulstri'
Synonym: N/A

**Application no:** 2005/021 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 01-Feb-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description published in

**Plant**There is no detailed description for this value.

Varieties
Journal:

Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Poulsen Roser A/S

Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Poulhult'

Synonym: N/A

**Application no:** 2005/020 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 01-Feb-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety varieties available in this database.

Journal:

Title Holder: Poulsen Roser A/S

Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Poulaksel'

Synonym: N/A

**Application no:** 2005/019 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 01-Feb-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description published in

**Plant**There is no detailed description for this value.

Varieties

Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Poulsen Roser A/S

Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Poulac006'

Synonym: N/A

Application no: 2005/018 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 01-Feb-2005 Accepted: 11-Feb-2005

**Granted:** N/A

Description published in

**Plant** 

Varieties Journal:

There is no detailed Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Poulsen Roser A/S

Agent: Griffith Hack **Telephone**: 0892213779 Fax: 0892214196

Date of effect: 29-Apr-

### Leucadendron (Leucadendron hybrid)

Variety: 'Ruby Red'

Synonym: N/A

**Application no:** 2004/327 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 06-Dec-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description published in

**Plant**There is no detailed description for this v

Plant Volume National Volume N

Journal:

description for this variety available in this database.

Title Holder: Protea Growers Pty Ltd

Agent: N/A

**Telephone**: 0893815192 **Fax**: 0893880854

Date of effect: 29-Apr-

## Leucadendron (Leucadendron hybrid)

Variety: 'Claire's Beauty'

Synonym: N/A

Application no: 2004/304 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 05-Nov-2004 Accepted: 28-Jan-2005

**Granted:** N/A

Description published in

**Plant** 

Varieties Journal:

There is no detailed Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Protea Growers Pty Ltd

Agent: N/A

**Telephone**: 0893815192 Fax: 0893880854

Date of effect: 29-Apr-

## Blanket Flower (Gaillardia xgrandiflora)

Variety: 'Fanfare' Synonym: N/A

**Application no:** 2005/015 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 28-Jan-2005 **Accepted:** 18-Feb-2005

Granted: N/A

Description published in

**Plant**There is no detailed description for this value.

Varieties
Journal:

Volume N/A, Issue N/A description for this variety available in this database.

Title Holder: Richard Read

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'TAN91151'

Synonym: N/A

**Application no:** 2004/296 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 15-Oct-2004 **Accepted:** 03-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger

Agent: S Brundrett & Sons (Roses) Pty Ltd

**Telephone**: 0356223556 **Fax**: 0356223494

Date of effect: 29-Apr-

### Mango (Mangifera indica)

Variety: 'A67' Synonym: N/A

**Application no:** 2004/331 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 15-Dec-2004 **Accepted:** 18-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: State of Queensland through its Department of Primary Industries and

Fisheries and Promised Land Avocados Pty Ltd

Agent: N/A

**Telephone**: 0732393025 **Fax**: 0732393948

Date of effect: 29-Apr-

### Wheat (Triticum aestivum)

Variety: 'Tammarin Rock'

Synonym: N/A

**Application no:** 2005/016 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 31-Jan-2005 **Accepted:** 11-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: State of Western Australia through its Department of Agriculture and

Grains Research and Development Corporation

Agent: N/A

**Telephone**: 0893683347 **Fax**: 0893683946

Date of effect: 29-Apr-

## Cuphea (Cuphea hybrid)

Variety: 'Flamenco Rumba'

Synonym: N/A

Application no: 2005/012 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 28-Jan-2005 Accepted: 18-Feb-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

available in this database.

Title Holder: TC & JM Keogh

Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

available in this database.

## Plant Varieties Journal - Search Result Details

## Cuphea (Cuphea hybrid)

Variety: 'Flamenco Samba'

Synonym: N/A

Application no: 2005/013 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 28-Jan-2005 Accepted: 18-Feb-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: TC & JM Keogh

Agent: Plants Management Australia Pty Ltd

**Telephone**: 0397221444 Fax: 0397221018

Date of effect: 29-Apr-

## Cuphea (Cuphea hybrid)

Variety: 'Flamencotango'

Synonym: N/A

**Application no:** 2005/014 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 28-Jan-2005 **Accepted:** 03-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Varieties Volume N/A, Issue N/A

Journal:

description for this variety available in this database.

Title Holder: TC & JM Keogh

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

## Arguta (Actinidia arguta)

Variety: 'Hortgem Toru'

Synonym: N/A

**Application no:** 2005/024 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-Feb-2005 **Accepted:** 03-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: The Horticulture and Food Research Institute of New Zealand Limited

Agent: A J Park
Telephone: N/A
Fax: N/A

Date of effect: 29-Apr-

## Arguta (Actinidia arguta)

Variety: 'Hortgem Wha'

Synonym: N/A

**Application no:** 2005/025 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-Feb-2005 **Accepted:** 03-Mar-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

**Title Holder:** The Horticulture and Food Research Institute of New Zealand Limited

Agent: A J Park
Telephone: N/A
Fax: N/A

Date of effect: 29-Apr-

## Apple (Malus domestica)

Variety: 'Pinkie' Synonym: N/A

**Application no:** 2005/026 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-Feb-2005 **Accepted:** 10-Feb-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

Title Holder: The Horticulture and Food Research Institute of New Zealand Limited

Agent: A J Park
Telephone: N/A
Fax: N/A

Date of effect: 29-Apr-

## Wheat (Triticum aestivum)

Variety: 'SUN421T'

Synonym: N/A

**Application no:** 2004/126 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Apr-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

**published in**There is no detailed

Plant Volume N/A, Issue N/A description for this variety available in this database.

Journal:

**Title Holder:** The University of Sydney and Grains Research and Development

Corporation

Agent: SunPrime Seeds Pty Ltd

**Telephone**: 0268816210 **Fax**: 0268816220

Date of effect: 29-Apr-

available in this database.

#### Plant Varieties Journal - Search Result Details

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'ZALSAREST'

Synonym: **Everest** 

Application no: 2004/336 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 17-Dec-2004 Accepted: 18-Feb-2005

**Granted:** N/A

Description

published in There is no detailed description for this variety

**Plant** Volume N/A, Issue N/A Varieties

Journal:

Title Holder: Van Zanten Plants B.V. Agent: Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Peruvian Lily (Alstromeria hybrid)

Variety: 'ZAPRIJUL'
Synonym: Julietta

**Application no:** 2004/335 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 17-Dec-2004 **Accepted:** 18-Feb-2005

Granted: N/A

Description

**Plant**There is no detailed description for this v

Varieties

Volume N/A, Issue N/A description for this variety available in this database.

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

# **Variety Descriptions**

Click on the column headings to re-sort the matches in alphanumeric order by that particular column.

| Common (Genus Species)                                | Variety      | Title Holder   |
|---|--------------|--|
| Agapanthus<br>(Agapanthus praecox<br>ssp. orientalis) | ATIblu       | Anthony Tesselaar Plants Pty Ltd   |
| Balansa Clover<br>(Trifolium michelianum)             | Viper        | Wilandra Pty Ltd   |
| Balansa Clover<br>(Trifolium michelianum)             | Taipan       | Wilandra Pty Ltd   |
| Barley (Hordeum vulgare)                              | Maritime     | Adelaide Research & Innovation Pty Ltd and Grains Research and Development Corporation   |
| Barley (Hordeum vulgare)                              | Capstan      | Adelaide Research & Innovation Pty Ltd and Grains Research and Development Corporation   |
| Brunia (Brunia stokoei x<br>Brunia albiflora)         | Blush Beauty | Peter Genat  |
| Busy Lizzie (Impatiens walleriana)                    | Balpixotse   | Ball Horticultural Company   |
| Canola (Brassica napus)                               | Boomer       | Canola Breeders Western Australia Pty Ltd  |
| Canola (Brassica napus)                               | AG-Comet     | Monsanto Australia Limited   |
| Canola (Brassica napus)                               | AG-Drover    | Monsanto Australia Limited   |
| Coastal Jugflower (Adenanthos cuneatus)               | Coral Carpet | George A Lullfitz  |
| Cocksfoot (Dactylis<br>glomerata ssp.<br>hispanica)   | Sendace      | University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment |
| Cocksfoot (Dactylis<br>glomerata ssp.<br>hispanica)   | Uplands      | University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment |
| Fanflower (Scaevola aemula)                           | Zig Zag      | Rodney & Rachel Saunders   |
| Flamingo Flower<br>(Anthurium hybrid)                 | Atwenty      | Oglesby Plants International, Inc  |

| Flamingo Flower<br>(Anthurium hybrid)     | Atwelve         | Oglesby Plants International, Inc |
|---|-----------------|-----------------------------------|
| Flamingo Flower<br>(Anthurium andraeanum) | Sugar Love      | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Exciting Love   | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Tender Love     | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Rijn199922      | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Whispering Love | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Red Love        | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Lucky Leny      | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Changing Love   | Rijnplant B.V.                    |
| Flamingo Flower (Anthurium andraeanum)    | Fresh Love      | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Lady Love       | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium andraeanum) | Orange Love     | Rijnplant B.V.                    |
| Flamingo Flower<br>(Anthurium hybrid)     | Aeighteen       | Oglesby Plants International, Inc |
| Fuchsia (Fuchsia hybrid)                  | Foncha          | The Four Oaks Group               |
| Lily <i>(Lilium hybrid)</i>               | Valparaiso      | Vletter & Den Haan Beheer B.V.    |
| Lily <i>(Lilium hybrid)</i>               | Vina Del Mar    | Vletter & Den Haan Beheer B.V.    |
| Lily <i>(Lilium hybrid)</i>               | Veronese        | Vletter & Den Haan Beheer B.V.    |
| Lily <i>(Lilium hybrid)</i>               | Halifax         | Vletter & Den Haan Beheer B.V.    |
| Matt Rush (Lomandra confertifolia)        | SIR 5           | Ozbreed Pty Ltd                   |
| Onion <i>(Allium cepa)</i>                | Favara 115      | Favara Farming Pty Ltd            |
| Onion <i>(Allium cepa)</i>                | Favara 110      | Gaetano Gurciullo                 |
| Red Clover (Trifolium pratense)           | Genstar         | University of Western Australia   |
| Rose (Rosa hybrid)                        | Ruiy5451        | De Ruiter's Nieuwe Rozen B.V.     |

| Rose (Rosa hybrid)   | Kordroper     | W. Kordes' Sohne Rosenschulen GmbH & Co KG   |
|--|---------------|--|
| Rose (Rosa hybrid)   | TAN98485      | Rosen Tantau, Mathias Tantau Nachfolger  |
| Rose (Rosa hybrid)   | Kornalist     | W. Kordes' Sohne Rosenschulen GmbH & Co KG   |
| Rose (Rosa hybrid)   | Lexpiep       | Lex Voorn  |
| Rose (Rosa hybrid)   | Korelzoda     | W. Kordes' Sohne Rosenschulen GmbH & Co KG   |
| Rose (Rosa hybrid)   | Koranul       | W. Kordes' Sohne Rosenschulen GmbH & Co KG   |
| Rose (Rosa hybrid)   | Kortraupfi    | W. Kordes' Sohne Rosenschulen GmbH & Co KG   |
| Smoke Tree (Cotinus coggygria)                                       | Ancot         | A.C.B. Sanders - van Harn  |
| Strand Medic (Medicago littoralis)                                   | Jaguar        | Wilandra Pty Ltd   |
| Subterranean Clover<br>(Trifolium subterraneum<br>var. subterraneum) | Coolamon      | State of Western Australia through its Department of Agriculture, Grains Research and Development Corporation, Murdoch University and Australian Wool Innovation Limited |
| Sugarcane (Saccharum hybrid)   | Q217          | BSES Limited   |
| Sugarcane (Saccharum hybrid)   | Q212          | BSES Limited   |
| Sugarcane (Saccharum hybrid)   | Q215          | BSES Limited   |
| Sugarcane (Saccharum hybrid)   | Q219          | BSES Limited   |
| Sugarcane (Saccharum hybrid)   | Q218          | BSES Limited   |
| Watermelon (Citrullus lanatus)                                       | Companion     | Seminis Vegetable Seeds, Inc.  |
| Wheat (Triticum aestivum)  | GBA Hunter    | Grain Biotech Australia Pty Ltd  |
| Wishbone Flower<br>(Torenia hybrid)                                  | Sunreniva     | Suntory Flowers Limited  |
| Wishbone Flower<br>(Torenia hybrid)                                  | Sunrenirirepa | Suntory Flowers Limited  |

1 to 57 of 57

Date of effect: 29-Apr-2005

# Smoke Tree (Cotinus coggygria)

Variety: 'Ancot'

**Synonym:** Golden Spirit

**Application no:** 2003/037 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 19-Feb-2003 **Accepted:** 24-Mar-2003

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

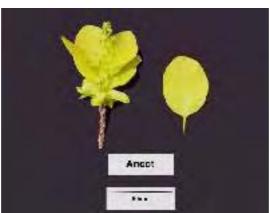
Journal:

Title Holder: A.C.B. Sanders - van Harn

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

View the detailed description of this variety.



Cotinus coggygria

Smoke Tree

## 'Ancot' syn Golden Spirit

Application No: 2003/037 Accepted: 24 Mar 2003.

Applicant: **A.C.B. Sanders – van Harn**, Boskoop, The Netherlands Agent: **Plants Management Australia Pty Ltd,** Wonga Park, VIC.

Characteristics Plant: growth habit upright, width broad. Branching: habit erect, density medium. Stem: internode length short, colour when juvenile yellow green (RHS 152B), colour when mature greyed-orange (RHS 177B-C) leaf arrangement alternate. Leaf: shape round to elliptic, shape of apex obtuse, shape of base obtuse and oblique, margin entire, colour of margin of juvenile leaves red (RHS 53B) venation prominent, surface glabrous, colour of upper surface six weeks after emergence yellow-green (RHS 153B-C), colour of lower surface six weeks after emergence yellow-green (RHS 151A). Petiole: length medium. Inflorescence: type panicle, position terminal. Calyx: red (RHS 53B) and yellow-green (RHS 152D). (Note: all RHS numbers refer to 1995 edition.)

**Origin and Breeding** Open-pollination followed by seedling selection: an open-pollinated seedling was observed in a batch of *Cotinus coggygria* seedlings in Boskoop, The Netherlands 1989. The seedling was selected on the basis of golden yellow to lime green leaf colour. The parental variety is characterised by green leaf colour. Selection criteria: leaf colour. Propagation: stock plants were developed from this seedling in 1990 via cuttings and subsequent generations were found to be uniform and stable over an observed period of nine years. 'Ancot' will continue to be commercially propagated by vegetative cuttings and tissue culture. Breeder: A.C.B. Sanders van Harn, Antigone Plantvermeerdering BV, Halve Raak 46, Boskoop, The Netherlands.

**Choice of Comparators** The grouping characteristic used to identify the most similar varieties of common knowledge was – Leaf: colour yellow-green. On the basis of this grouping characteristic there were no similar varieties of common knowledge. *Cotinus coggygria* 'Flame' were initially considered but eliminated due to having Leaf: colour green.

**Comparative Trial** The detailed description is based on overseas data sourced from EU Community Plant Variety Grant 2401 dated 01/09/1997 and the US Patent PP13,082 dated 15/02/02. Where possible overseas data was verified by the qualified person under local growing conditions and translated into standard UPOV characteristics. Location: Wonga Park, VIC

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

| Country         | Year | <b>Current Status</b> | Name Applied |
|-----------------|------|-----------------------|--------------|
| The Netherlands | 1993 | Granted               | 'Ancot'      |
| EU              | 1995 | Granted               | 'Ancot'      |
| USA             | 2002 | Granted               | 'Ancot'      |
| Canada          | 2001 | Applied               | 'Ancot'      |
| Japan           | 2001 | Applied               | 'Ancot'      |
| New Zealand     | 2003 | Applied               | 'Ancot'      |

First sold in UK in Aug 1999. First Australian sale Oct 2003.

Description: Steven Eggleton, Lilydale, VIC.

## Barley (Hordeum vulgare)

Variety: 'Maritime'

Synonym: N/A

Application no: 2004/085 **Current status: ACCEPTED** 

Certificate no: N/A

Received: 08-Mar-2004 05-May-2004 Accepted:

**Granted:** N/A

Description

Plant Varieties Volume 18, Issue 1 published in

Journal:

Title Holder: Adelaide Research & Innovation Pty Ltd and Grains Research and

**Development Corporation** 

N/A Agent:

**Telephone**: 0883035020 Fax: 0883034355

> View the detailed description of this variety.



Hordeum vulgare

Barley

#### 'Maritime'

Application No: 2004/085 Accepted: 5 May 2004.

Applicant: Adelaide Research & Innovation Pty Ltd, Adelaide, SA and

Grains Research and Development Corporation, Barton, ACT.

**Characteristics** Plant: growth habit erect, height tall (mean 66.20cm), maturity early to mid-season. Ear: number of rows two, shape parallel, density lax. Rachis: curvature of first segment strong, collar cup shaped. Sterile spikelet: attitude parallel. Grain: rachilla hair type short, rachilla length medium, lemma base shape depressed, glume hair length long. Kernel: colour of aleurone layer whitish. Seasonal type: spring. Cereal cyst nematode: resistance resistant. Manganese: efficiency efficient.

**Origin and Breeding** Single Plant Reselection: a barley breeders line designated 84SM550 was developed by Agriculture Western Australia and accessioned into the barley collection of the University of Adelaide in 1992 as WI2986. The putative pedigree was 74S:314/745:309 or in long form, Dampier /A14//Kristina/3/Clipper/Mll/4/Dampier/A14//Kristina/3/Dampier/A14//Union. However, testing of WI 2986 by University of Adelaide staff showed WI 2986 carried 3 characteristics not known to occur in these parents, namely resistance to cereal cyst nematode and spot form net blotch, and manganese efficiency. Molecular marker analysis shows 84SM55O and WI 2986 contain the same marker alleles, while the reselection WI 3297 has a similar but slightly altered marker allele profile. WI 2986 was tested in UA barley breeding trials, culminating in Stage 3 in 1996 and SARDI Stage 4 in 1997. Since WI 2986 was heterogeneous, it was reselected in 1996 and a reselected line WI 3297 was promoted to Stage 3 in 1999 and 2000 and Stage 4 in 2001 and 2002. Simultaneously, WI 2986 was tested in special experiments at Marion Bay, SA on soils which were very deficient in manganese in 1998-2001. WI 3297 was tested in these experiments in 2001-2002, where it showed efficiency slightly greater than WI 2986. 50 single plants selected from the Marion Bay site in 2001 were sown as individual rows over summer 2001/02. No variation was observed between the rows and no off-types were present. The rows were bulked and sown at Strathalbyn in 2002 to produce the breeder's seed of WI3297. Selection criteria: manganese efficiency, grain yield in SA, cereal cyst nematode resistance. The variety was developed at University of Adelaide, Waite Campus, Glen Osmond, early generation selection at Charlick Experimental Station, Strathalbyn, SA; other selection - yield testing at up to 30 locations in SA. Manganese efficiency field trials - Marion Bay, SA. Breeders: Dr Andrew Barr, Mr J Lewis, Dr Stephen Jefferies, Dr Jason Eglinton, University of Adelaide, Waite Campus, SA.

Choice of Comparators Comparator varieties were grouped according to moderately tall to tall plant height and resistance to cereal cyst nematode. On this basis, three varieties of common knowledge were identified, 'Galleon', 'Barque' and 'Sloop SA'. 'Sloop Vic' was excluded as a variety of common knowledge as it is identical to 'Sloop SA' for the discriminating characteristics. 'Galleon', 'Barque' and 'Sloop SA' are all barley varieties grown South East Australian production areas where 'Maritime' will be grown.

Comparative Trial Location: Charlick Experimental Research Station, Strathalbyn, South Australia. Conditions: seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 500 plants. Trial design: Three replicates of each of 'Maritime', 'Galleon', 'Barque' and 'Sloop SA' were sown on 29<sup>th</sup> Jun 2004 in a Randomised Complete Block Design in plots of 5 rows by 3.2 metres. Each replicate contained approximately 500 plants. Measurements: the trial was assessed on 3 Aug 2004, 10 Sep 2004, 27 Oct 2004 and 29 Oct 2004 for a number of qualitative and quantitative traits. Fifteen randomly selected plants were assessed individually for each trait.

#### **Prior Applications and Sales Nil.**

Description: Dr Jason Eglinton, School of Agriculture and Wine, University of Adelaide, Waite Campus, Glen Osmond, SA.

## Table *Hordeum* varieties

|                   | 'Maritime'                    | *'Galleon'       | *'Barque'  | *'Sloop SA'      |
|-------------------|-------------------------------|------------------|------------|------------------|
| PLANT: GROWTI     | H HABIT                       |                  |            |                  |
|                   | erect                         | prostrate        | erect      | erect            |
| PLANT: HEIGHT     |                               |                  |            |                  |
|                   | tall                          | medium to tall   | tall       | medium to tall   |
| PLANT: HEIGHT     |                               |                  |            |                  |
| mean              | 66.2                          | 68.6             | 62.6       | 62.3             |
| std deviation     | 2.8                           | 3.7              | 3.1        | 2.3              |
| LSD/sig           | 2.95                          | ns               | P<0.01     | P<0.001          |
| EAR: NUMBER O     | F ROWS                        |                  |            |                  |
|                   | two                           | two              | two        | two              |
| EAR: SHAPE        |                               |                  |            |                  |
|                   | parallel                      | tapering         | tapering   | parallel         |
| EAR: DENSITY      |                               |                  |            |                  |
|                   | lax                           | medium           | dense      | medium           |
| EAR: LENGTH (E    | XCLUDING AWI                  | NS) (cm)         |            |                  |
| mean              | 6.31                          | 6.68             | 5.86       | 5.28             |
| std deviation     | 0.63                          | 0.86             | 0.43       | 0.63             |
| LSD/sig           | 0.68                          | ns               | ns         | P≤0.001          |
| AWN: LENGTH (     | em)                           |                  |            |                  |
| mean              | 9.87                          | 8.72             | 9.13       | 9.60             |
| std deviation     | 0.68                          | 0.57             | 0.58       | 0.76             |
| LSD/sig           | 0.7                           | P≤0.001          | P<0.01     | ns               |
| GRAIN: NUMBER     | R PER SPIKE                   |                  |            |                  |
| mean              | 19.07                         | 20.60            | 19.53      | 19.53            |
| std deviation     | 2.02                          | 2.41             | 2.33       | 3.31             |
| LSD/sig           | 2.43                          | ns               | ns         | ns               |
| STERILE SPIKEL    | FT: ATTITUDE                  |                  |            |                  |
|                   | parallel                      | divergent        | divergent  | parallel to weak |
| RACHIS: LENGTI    | H OF FIRST SEGI               | MENT             |            |                  |
| Tureriis. EErveri | long                          | med              | short      | medium           |
| RACHIS: CURVA     | TURE OF FIRST                 | SEGMENT          |            |                  |
| 22. 23.11         | strong                        | absent/very weak | strong     | strong           |
| RACHIS: COLLAI    | R                             |                  |            |                  |
|                   | cup shaped                    | cup shaped       | cup shaped | cup shaped       |
| GLUME: HAIR LE    | ENGTH                         |                  |            |                  |
|                   | long                          | short            | short      | long             |
|                   | НΔРЕ                          |                  |            |                  |
| LEMMA: BASE S     |                               |                  |            |                  |
| LEMMA: BASE S     | depressed                     | depressed        | depressed  | depressed        |
|                   | depressed                     | depressed        | depressed  | depressed        |
| LEMMA: BASE S     | depressed                     | depressed        | depressed  | depressed        |
|                   | depressed  LA HAIR TYPE short |                  |            |                  |

| GRAIN: | HUSK |
|--------|------|
|--------|------|

|              | present               | present     | present          | present     |  |  |
|--------------|-----------------------|-------------|------------------|-------------|--|--|
| KERNEL: COLO | OUR OF ALEURON        | IE LAYER    |                  |             |  |  |
|              | whitish               | whitish     | whitish          | whitish     |  |  |
| SEASONAL TY  | SEASONAL TYPE         |             |                  |             |  |  |
|              | spring                | spring      | spring           | spring      |  |  |
| CEREAL CYST  | NEMATODE: RES         | ISTANCE     |                  |             |  |  |
|              | resistant             | resistant   | resistant        | resistant   |  |  |
| MANGANESE:   | MANGANESE: EFFICIENCY |             |                  |             |  |  |
|              | efficient             | inefficient | very inefficient | inefficient |  |  |

## Barley (Hordeum vulgare)

Variety: 'Capstan'

Synonym: N/A

**Application no:** 2004/020 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 21-Jan-2004 **Accepted:** 18-Mar-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Adelaide Research & Innovation Pty Ltd and Grains Research and

**Development Corporation** 

Agent: N/A

**Telephone**: 0883035020 **Fax**: 0883034355

View the detailed description of this variety.



Hordeum vulgare

Barley

#### 'Capstan'

Application No: 2004/020 Accepted: 18 Mar 2004.

Applicant: Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research and Development Corporation, Barton, ACT.

**Characteristics** Plant: growth habit prostrate, height short (mean 49.60cm), maturity mid-season. Ear: number of rows two, shape tapering, density lax. Rachis: curvature of first segment absent or very weak. Collar: cup shaped. Sterile spikelet: attitude divergent. Grain: rachilla hair type short, rachilla length medium, lemma base shape depressed, glume hair length short. Kernel: colour of aleurone layer whitish. Seasonal type: spring. Cereal cyst nematode: resistance resistant, gene for resistance *Ha2*. Net form net blotch resistant.

Origin and Breeding Controlled pollination: 'Capstan' is derived from a 4 way cross between 'Waveney', WI2875 (a Waite Institute breeders line), 'Chariot' and 'Chebec', which was completed in 1995. The  $F_1$  seed was grown in a glasshouse in the summer of 1996. The  $F_2$  and  $F_3$  bulks were propagated in the winter of 1996 and summer 1997, respectively. Single plant selections were made from the  $F_3$  bulk in Apr 1997.  $F_4$  rows were grown in 1998 winter and selection row #125 was promoted through Stage 1 (1997), Stage 2 (1998), Stage 3 (1999) and Stage 4 (2000-2002) trials. Selection was based on grain yield, resistance to cereal cyst nematode, leaf scald, net form net blotch and spot form net blotch. 25 single plant reselections were made in summer of 2001. These were multiplied in winter 2001 and the most uniform selections were bulked in 2002, to produce the breeders' seed for release. Selection criteria: yield, foliar disease resistance, straw strength, CCN resistance. Hybridisation was done at University of Adelaide, Waite Campus, Glen Osmond, early generation selection at Charlick Experimental Station, Strathalbyn, SA; other selection – yield testing at up to 30 locations in SA. Breeders: Dr Andrew Barr, Dr Stephen Jefferies, Dr Jason Eglinton, University of Adelaide, Waite Campus, SA.

**Choice of Comparators** Comparator varieties were grouped according to prostrate early growth habit (i.e. sdw) and resistance to cereal cyst nematode. On this basis, 'Galleon' was the only variety of common knowledge. 'Galleon' is also a feed barley grown in the production areas targeted for 'Capstan'.

Comparative Trial Location: Charlick Experimental Research Station, Strathalbyn, South Australia. Conditions: seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 500 plants. Trial design: Three replicates of each of 'Capstan' and 'Galleon' were sown on 29<sup>th</sup> Jun 2004 in a Randomised Complete Block Design in plots of 5 rows by 3.2 metres. Each replicate contained approximately 500 plants. Measurements: the trial was assessed on 3 Aug 2004, 10 Sep 2004, 27 Oct 2004 and 29 Oct 2004 for a number of qualitative and quantitative traits. Fifteen randomly selected plants were assessed individually for each trait.

#### **Prior Applications and Sales Nil.**

Description: Dr Jason Eglinton, School of Agriculture and Wine, University of Adelaide, Waite Campus, Glen Osmond, SA.

#### Table *Hordeum* varieties

|                           | 'Capstan'           | *'Galleon'          |
|---------------------------|---------------------|---------------------|
| PLANT GROWTH HABIT        |                     |                     |
| FLANT GROWTH HABIT        | prostrate           | prostrate           |
|                           | prostrate           | prostrate           |
| EAR: NUMBER OF ROWS       |                     |                     |
|                           | 2                   | 2                   |
|                           |                     |                     |
| EAR: SHAPE                |                     |                     |
|                           | tapering            | tapering            |
| EAR: DENSITY              |                     |                     |
| E/III. DENOIT             | lax                 | medium              |
|                           | -                   |                     |
| PLANT: HEIGHT (cm)        |                     |                     |
| mean                      | 49.60               | 68.6                |
| std deviation             | 1.90                | 3.7                 |
| LSD/sig                   | 2.8                 | P≤0.001             |
| EAR: LENGTH (excluding aw | ns) (cm)            |                     |
| mean                      | 6.28                | 6.68                |
| std deviation             | 0.85                | 0.86                |
| LSD/sig                   | 0.86                | ns                  |
|                           |                     |                     |
| AWN: LENGTH (cm)          |                     |                     |
| mean                      | 8.75                | 8.72                |
| std deviation             | 0.48                | 0.57                |
| LSD/sig                   | 0.54                | ns                  |
| GRAIN NUMBER PER SPIKE    | TET                 |                     |
| mean                      | 20.13               | 20.60               |
| std deviation             | 2.67                | 2.41                |
| LSD/sig                   | 2.55                | ns                  |
| ESD/Sig                   | 2.33                | 113                 |
| STERILE SPIKELET ATTITU   | IDE                 |                     |
|                           | divergent           | divergent           |
| RACHIS: CURVATURE OF 1    | ST SEGMENT          |                     |
| RACIIIS. CORVATORE OF I   | absent or very weak | absent or very weak |
|                           | absent of very weak | absent of very weak |
| GLUME HAIR LENGTH         |                     |                     |
|                           | short               | short               |
| COLLAR                    |                     |                     |
| COLLAR                    | oun chanad          | oun shaped          |
|                           | cup shaped          | cup shaped          |
| GRAIN: RACHILLA HAIR T    | YPE                 |                     |
|                           | short               | short               |
|                           |                     |                     |
| GRAIN: RACHILLA LENGTI    |                     | v.                  |
|                           | medium              | medium              |
| GRAIN: HUSK               |                     |                     |
| GIGIIII, HOM              | present             | present             |
|                           | r                   | r                   |
| GRAIN: LEMMA BASE SHA     |                     |                     |
|                           | depressed           | depressed           |
| KEDNEL - COLOTID OF VIEW  | IDONE I AVED        |                     |
| KERNEL: COLOUR OF ALEU    | URONE LAYER whitish | whitish             |
|                           | WIIIIOII            | WIIIUSII            |
|                           |                     |                     |

#### SEASONAL TYPE

| SEASONAL TITE     | spring                          | spring    |  |
|-------------------|---------------------------------|-----------|--|
| CEREAL CYST NEMAT | ODE: RESISTANCE resistant       | resistant |  |
| CEREAL CYST NEMAT | ODE: GENE FOR RESISTANCE<br>Ha2 | На4       |  |

## Agapanthus (Agapanthus praecox ssp. orientalis)

Variety: 'ATIblu' Synonym: N/A

**Application no:** 2004/011 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 19-Jan-2004 **Accepted:** 03-Mar-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Anthony Tesselaar Plants Pty Ltd

Agent: N/A

**Telephone**: 0397377921 **Fax**: 0397379899

View the detailed description of this variety.



Agapanthus praecox ssp. orientalis

Agapanthus

#### 'ATIblu'

Application No: 2004/011, Accepted: 03 Mar 2004.

Applicant: Anthony Tesselaar Plants Pty Ltd. Silvan, VIC.

Characteristics Plant: form miniature. Leaf: size medium, attitude concave, green colour light, length medium (mean 47.1cm), width narrow (mean 15.8mm). Scape length: medium (mean 73.8cm), width thin (mean 5mm). Inflorescence: number of florets many (mean 46). Flower bud: colour purple (RHS 92A). Petal: predominant colour of upper side purple (RHS 92C), colour of midrib of upper side purple (RHS 92A), undulation of margin absent or very weak. Time of beginning of flowering: medium. (Note: all RHS colour chart numbers refer to 2001 edition.)

**Origin and Breeding** Spontaneous mutation: parent 'Snowstorm'. The parent is characterised by its miniature form, leaf attitude concave and white flowers. Selection took place in Taranga, New Zealand. The seedling was chosen on the basis of flower colour. Selection criteria: Compact growth habit, number of blooms, flower colour, suitability as a garden or container grown plant. Propagation: vegetatively (division) through numerous generations and have been found to be uniform and stable. Breeder: Mr Ian Duncalf, Taranga, New Zealand.

**Choice of Comparators** Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth habit miniature. Flower: purple colour in the range of RHS 92. On the basis of these grouping characteristics following comparator variety was included in the trial: 'Streamline'. 'Snowstorm' was initially considered as the original parent and later rejected due to the flower colour being white.

Comparative Trial Location: Clyde, VIC (Latitude 38°09' South, elevation 16m), Summer 2004, measurements taken in Dec. Conditions: initial examination and colours was collected in a trial in an open double skinned polyhouse by a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 14 and 36 degrees Celsius. The plants were in their second year planted into 150mm pots filled with a soilless pine bark mix, nutrition maintained as part of a commercial hydroponic system, pest and disease treatments applied as required. Trial design: five 150mm pots of 'ATIblu' and three 150mm pots of 'Streamline' on benches. Measurements: from plants at random. Additional data including all statistical data was collected from Silvan, VIC, also in Dec 2004 from mature clumps of over 40 plants of both 'ATIblu' and 'Streamline'

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

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| USA     | 2002 | Granted               | 'ATIblu'     |
| EU      | 2004 | Applied               | 'Bluestorm'  |

First overseas sale USA, Mar 2003. First Australian sale Aug 2003.

Description: Christopher Prescott, Prescott Roses Pty Ltd, Clyde, VIC.

|                 | 'ATIblu'                | *'Streamline'   |  |
|-----------------|-------------------------|-----------------|--|
| LEAF: GREEN CO  | LOUR                    |                 |  |
|                 | light                   | medium          |  |
| LEAF: LENGTH (c | em)                     |                 |  |
| mean            | 47.1                    | 40.9            |  |
| std deviation   | 3.84                    | 6.45            |  |
| LSD/sig         | 6.06                    | P≤0.01          |  |
| LEAF: WIDTH (mr | m)                      |                 |  |
| mean            | 15.8                    | 12              |  |
| std deviation   | 0.21                    | 0.13            |  |
| LSD/sig         | 0.2                     | P≤0.01          |  |
| SCAPE: LENGTH   | (cm)                    |                 |  |
| mean            | 73.8                    | 66.6            |  |
| std deviation   | 3.08                    | 1.84            |  |
| LSD/sig         | 2.9                     | P≤0.01          |  |
| FLOWER BUD: CO  | DLOUR (RHS 2001)        |                 |  |
|                 | 92A                     | 92B             |  |
| PETAL: PREDOMI  | NANT COLOUR OF UPPER S  | IDE (RHS, 2001) |  |
|                 | 92C                     | 92D             |  |
| PETAL: COLOUR   | OF MIDRIB OF UPPER SIDE | (RHS, 2001)     |  |
|                 | 92A                     | 92B             |  |
| PETAL: UNDULA   | TIONOF MARGIN           |                 |  |
|                 | absent or very weak     | medium          |  |

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balpixotse'

Synonym: N/A

**Application no:** 2004/030 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 04-Feb-2004 **Accepted:** 08-Mar-2004

Granted: N/A

Description

published in Plant Varieties

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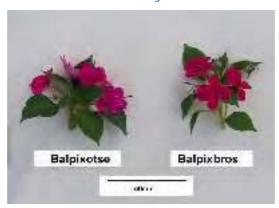
Journal:

Title Holder: Ball Horticultural Company

Agent: Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

View the detailed description of this variety.



Impatiens walleriana

Busy Lizzie

#### 'Balpixotse'

Application No: 2004/030 Accepted: 8 Mar 2004.

Applicant: Ball Horticultural Company, Chicago, Illinois, USA.

Agent: Ball Australia Pty Ltd, Keysborough, VIC.

Characteristics Height: very low. Shoot: anthocyanin colouration absent or very weak. Leaf: variegation absent, main colour of upper side yellow-green (RHS 147A), colour of lower side between veins yellow-green (RHS 147C), colour of veins on lower side green, blotches on lower side present. Petiole: anthocyanin colouration of upper side absent or very weak. Peduncle: anthocyanin colouration of upper side absent or very weak. Flower: type single, number of colours one, main colour on upper side red-purple (RHS N66A), main colour on lower side red-purple (RHS N66C-D), presence of eye zone present, size of eye zone small, colour of eye zone red purple. (Note: RHS colour chart numbers refer to 2001 edition.)

**Origin and Breeding** Controlled pollination followed by seedling selection: seed parent Ball Horticultural Company proprietary breeding selection 3264-2 x pollen parent Ball Horticultural Company proprietary breeding selection 3275-1. The seed parent is characterised by medium plant height, the pollen parent is characterised by dark purple flowers. The breeder's aim was to produce a very short *Impatiens* with single flowers and red purple coloured petals. Selection criteria: 'Balpixotse' was chosen on the basis of low height, flower colour and prolific flowering. Propagation: a number of mature stock plants were generated from the original seedling by cuttings through several generations to confirm uniformity and stability. 'Balpixotse' will be commercially propagated by cuttings. Breeder: Michael Uchneat, Elburn, Illinois, USA.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge are – Plant: height very low. Flower: type single, colour red-purple. On these bases *Impatiens* 'Balpixropi', and 'Balpixbros' were initially considered as similar varieties of common knowledge however 'Balpixropi' was rejected on the grounds that it has larger leaves, larger flowers and different flower colour (RHS N74C).

**Comparative Trial** Location: Keysborough, VIC between Dec 2004 and Feb 2005. Conditions: heated polyhouse in southern Victorian (Latitude 38° South) conditions; plants begun as cuttings and transplanted to 135 mm pots in Dec 2004; media soilless, fertiliser controlled release. Trial design: plants randomised within split plots. Measurements: ten to twenty specimens selected from ten plants.

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

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| Canada  | 2003 | Applied               | 'Balpixotse' |
| EU      | 2003 | Granted               | 'Balpixotse' |
| USA     | 2003 | Granted               | 'Balpixotse' |

First sold in USA on Dec 23, 2002 under the name of Pixie™ Hot Rose.

Description: David Nichols, Rye, VIC.

# Table Impatiens varieties

|  | 'Balpixotse'                   | *'Balpixbros'       |  |  |  |  |  |
|--|--------------------------------|---------------------|--|--|--|--|--|
| PLANT: HEIGHT (cm)                             |                                |                     |  |  |  |  |  |
| mean   | 14.6                           | 12.8                |  |  |  |  |  |
| std deviation                                  | 1.1                            | 1.2                 |  |  |  |  |  |
| LSD/sig  | 1.1                            | P≤0.01              |  |  |  |  |  |
|  |                                | 1 20.01             |  |  |  |  |  |
| PLANT: WIDTH (cm)                              |                                |                     |  |  |  |  |  |
| mean   | 23.6                           | 19.2                |  |  |  |  |  |
| std deviation                                  | 2.7                            | 2.6                 |  |  |  |  |  |
| LSD/sig  | 2.9                            | P≤0.01              |  |  |  |  |  |
| SHOOT: ANTHOCYANIN O                           | SHOOT: ANTHOCYANIN COLOURATION |                     |  |  |  |  |  |
|  | absent or very weak            | absent to very weak |  |  |  |  |  |
| LEAF: LENGTH INCLUDIN                          | NG PETIOLE (mm) largest two    | leaves              |  |  |  |  |  |
| mean   | 44.8                           | 45.6                |  |  |  |  |  |
| std deviation                                  | 7.0                            | 6.1                 |  |  |  |  |  |
| LSD/sig  | 8.7                            | ns                  |  |  |  |  |  |
| LEAF: WIDTH OF BLADE                           | (mm) largest two leaves        |                     |  |  |  |  |  |
| mean   | 19.6                           | 17.8                |  |  |  |  |  |
| std deviation                                  | 2.0                            | 1.5                 |  |  |  |  |  |
| LSD/sig  | 2.4                            | ns                  |  |  |  |  |  |
| LEAF: LENGTH/WIDTH RA                          | ATIO largest two leaves        |                     |  |  |  |  |  |
| mean   | 2.3                            | 2.6                 |  |  |  |  |  |
| std deviation                                  | 0.2                            | 0.2                 |  |  |  |  |  |
| LSD/sig  | 0.2                            | P≤0.01              |  |  |  |  |  |
|  | ··-                            |                     |  |  |  |  |  |
| LEAF: VARIEGATION                              | 1                              | 1                   |  |  |  |  |  |
|  | absent                         | absent              |  |  |  |  |  |
| LEAF: MAIN COLOUR OF                           | UPPER SIDE (RHS, 2001)         |                     |  |  |  |  |  |
|  | 147A                           | 147A                |  |  |  |  |  |
| LEAF: COLOUR OF LOWE                           | R SIDE BETWEEN VEINS (R        | HS. 2001)           |  |  |  |  |  |
| LEM COLOUR OF LOWE                             | 147C                           | 148C                |  |  |  |  |  |
| TEAE COLOUR OF VERNIC                          | ON LOWER GIRE                  |                     |  |  |  |  |  |
| LEAF: COLOUR OF VEINS                          |                                | graan               |  |  |  |  |  |
|  | green                          | green               |  |  |  |  |  |
| LEAF: BLOTCHES ON LOV                          | WER SIDE                       |                     |  |  |  |  |  |
|  | present                        | absent              |  |  |  |  |  |
| PETIOLE: ANTHOCYANIN COLOURATION OF UPPER SIDE |                                |                     |  |  |  |  |  |
| LITOLL, INVINOCITATION                         | absent or very weak            | absent or very weak |  |  |  |  |  |
|  |                                |                     |  |  |  |  |  |
| PEDUNCLE: ANTHOCYAN                            | VIN COLOURATION OF UPPI        |                     |  |  |  |  |  |
|  | absent or very weak            | absent or very weak |  |  |  |  |  |
| FLOWER: TYPE                                   |                                |                     |  |  |  |  |  |
|  | single                         | single              |  |  |  |  |  |
| FLOWER: WIDTH (mm) largest two flowers         |                                |                     |  |  |  |  |  |
| mean   | 20.1                           | 22.8                |  |  |  |  |  |
| std deviation                                  | 1.4                            | 1.4                 |  |  |  |  |  |
| LSD/sig  | 1.2                            | P≤0.01              |  |  |  |  |  |
| · ~ <b>6</b>                                   |                                |                     |  |  |  |  |  |

| FLOWER: NUMBER    | OF COLOURS                         |            |  |  |  |
|-------------------|------------------------------------|------------|--|--|--|
|                   | one                                | one        |  |  |  |
| FLOWER: MAIN CO   | LOUR UPPER SIDE (RHS, 2001)        |            |  |  |  |
|                   | N66A                               | 61B        |  |  |  |
| FLOWER: MAIN CO   | LOUR LOWER SIDE (RHS, 2001)        |            |  |  |  |
|                   | N66C-D                             | N61C       |  |  |  |
| FLOWER: PRESENC   | E OF EYE ZONE                      |            |  |  |  |
|                   | present                            | present    |  |  |  |
| FLOWER: SIZE OF F | EYE ZONE                           |            |  |  |  |
|                   | small                              | small      |  |  |  |
| FLOWER: COLOUR    | FLOWER: COLOUR OF EYE ZONE         |            |  |  |  |
|                   | red purple                         | red purple |  |  |  |
| UPPER PETAL: WID  | TH (mm) –on largest two flowers    |            |  |  |  |
| mean              | 10.2                               | 10.7       |  |  |  |
| std deviation     | 0.9                                | 0.8        |  |  |  |
| LSD/sig           | 0.8                                | ns         |  |  |  |
| LATERAL PETAL: V  | VIDTH (mm) –on largest two flowers |            |  |  |  |
| mean              | 7.4                                | 7.9        |  |  |  |
| std deviation     | 0.5                                | 0.6        |  |  |  |
| LSD/sig           | 0.6                                | ns         |  |  |  |

## Sugarcane (Saccharum hybrid)

Variety: 'Q212' Synonym: N/A

**Application no:** 2004/242 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Aug-2004 **Accepted:** 24-Aug-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

View the detailed description of this variety.



Sugarcane

## 'Q212'

Application No: 2004/242 Accepted: 24 Aug 2004. Applicant: **BSES Limited**, Indooroopilly, QLD.

Characteristics Ploidy: cytologically complex polyploid and aneuploid interspecific hybrid. Plant: stool growth habit semi-erect, adherence of leaf sheath weak to medium, tillering low, number of suckers few to medium, leaf canopy sparse to medium. Stem: culm height (base to TVD leaf) short to medium with mean length approximately 1.90m (range 1.34 to 2.45m). Internode: length on the bud side medium with mean length approximately 13.7cm (range 10.9 to 16.7cm), diameter thin with mean approximately 22.2mm (range 17.5 to 26.5mm), shape bobbin, cross-section circular, colour of dewaxed internode where exposed to sun yellow-green (RHS 144A), colour where not exposed to sun greyed-yellow (RHS 160A) to yellow-green (RHS 153D), depth of growth crack absent or very shallow, expression of zigzag alignment moderate, waxiness weak to medium. Node: width of root band on bud side medium (mean 8.8mm), wax ring medium, shape of bud triangular, width of bud excluding wings medium to wide (mean 6.7mm), bud prominence medium, depth of bud groove medium, length of bud groove long, position of bud tip in relation to growth ring intermediate, bud cushion narrow, width of bud wing medium. Leaf sheath: length (TVD leaf) short with mean length approximately 28.9cm (range 26.0 to 34.0cm), number of hairs (groups 57 and 60) medium, length of hairs (groups 57 and 60) medium, shape of ligule crescent-shaped, ligule width medium, length of ligule hairs (group 61) short, density of ligule hairs (group 61) medium, shape of underlapping auricle lanceolate, size of underlapping auricle small, shape of overlapping auricle transitional. Leaf blade: curvature curved tips, lamina length at TVD leaf short to medium with mean approximately 1.37m (range 1.07 to 1.62m), width at the longitudinal mid-point (TVD leaf) medium with mean width approximately 43.6mm (range 36.1 to 49.5mm), pubescence on margin sparse to medium, serration of margin present. Leaf: midrib width medium with mean approximately 4.9mm (range 4.2 to 6.6mm), ratio of leaf blade width/midrib width low (mean 8.9). Inflorescence: open panicle. Flowering: discontinuous. Seed or fruit: caryopsis. Disease resistance: resistant to highly resistant to Leaf Scald (Xanthomonas albilineans (Ashby) Dowson), very highly resistant to Pachymetra Root Rot, intermediate to Red Rot, highly resistant to smut. Other characteristics: fibre quantity and quality are acceptable for milling purposes (impact reading 0.8, shear strength 31.5, short fibre 56%). 'Q212' was uniquely identified by DNA fingerprinting using microsatellite markers, and did not match any other current sugarcane DNA profile.

Origin and Breeding Controlled pollination: seed parent 'Q138' × pollen parent 'H56-752' in a planned breeding program at Meringa (Gordonvale), QLD. Seed was collected from the pollinated female inflorescence and stored for germination in 1989. The variety has since been evaluated and selected by BSES in yield trials in the Condong, Broadwater, and Harwood regions in the sugarcane growing areas of northern NSW. Standard commercial varieties were also included in the yield trials for comparative purposes. Selection criteria: cane yield, ccs, and sugar yield have been the main selection criteria. Disease resistance screening was conducted at the pathology farm (Woodford), in the Tully glasshouse, and in field trials in Indonesia and the Ord River region. Propagation: after an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. Breeder: BSES Limited.

Choice of Comparators 'Q152' and 'Q169<sup>(h)</sup>' were chosen as the comparators for 'Q212' based on their similar states of expression for the following grouping characteristics: Internode: cross-section (characteristic 11); Internode: colour where not exposed to sun (characteristic 13); Node: shape of bud (characteristic 21). 'Q212' is also compared with its pollen parent 'H56-752', but not compared with its seed parent 'Q138'. 'Q212' is resistant to highly resistant to Leaf Scald, very highly resistant to Pachymetra Root Rot, intermediate to Red Rot, and highly resistant to smut, compared with 'Q138' which is highly resistant to Leaf Scald, resistant to highly resistant to Pachymetra Root Rot, intermediate to Red Rot, highly susceptible to smut, and 'H56-752' which is highly resistant to Leaf Scald, resistant to intermediate to Pachymetra Root Rot, resistant to Red Rot and intermediate to susceptible to smut.

Comparative Trial Location: conducted at Meringa BSES Limited (17° 12′ S, 145° 45′ E), Gordonvale, QLD. The trial was planted 1 Aug 2001 and harvested in Sep 2002. DUS data were recorded in May 2002. Conditions: clones were propagated from vegetative cuttings and grown under field conditions. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Clifton. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at 400 ml per hectare and Suscon at 14 kg per hectare at planting. Diurex (4 kg/ha) was applied on 28 Nov 2001 to control weeds. Fertilisers: DAP (120 103 of 535

kg/ha) was applied at planting, and CK 50/50 (380 kg/ha) was applied on 25 Nov 20 $\theta$  lant Varieties Journal Vol. 18 No. 1 nutrients were: N - 112 kg/ha; P - 24 kg/ha; K - 91 kg/ha. Trial design: Clones were grown in a randomised complete block design with three replicates. Plots were single row by 10 m, with 1.5 m between rows. Measurements: Taken from up to 12 stalks sampled randomly per plot.

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

No prior applications. First Australian sale Sep 2003.

Description: Dr George Piperidis, BSES Limited, Mackay, QLD

#### Table Saccharum varieties

|               | 'Q212'              | *'H56-752'            | *'Q152'                  | *'Q169' <sup>©</sup> |
|---------------|---------------------|-----------------------|--------------------------|----------------------|
| PLANT: STOOL  | GROWTH HABIT        |                       |                          |                      |
|               | semi-erect          | semi-erect            | erect                    | semi-erect           |
| PLANT: ADHER  | ENCE OF LEAF SHI    | EATH                  |                          |                      |
|               | weak to medium      | weak                  | weak to medium           | medium               |
| PLANT: TILLER | ING                 |                       |                          |                      |
|               | low                 | medium                | medium                   | medium               |
| PLANT: NUMBE  | ER OF SUCKERS       |                       |                          |                      |
|               | few to medium       | few                   | few                      | very few             |
| PLANT: LEAF C | ANOPY               |                       |                          |                      |
|               | sparse to medium    | very sparse           | sparse to medium         | sparse               |
| STEM: CULM H  | EIGHT (BASE TO T    |                       |                          |                      |
| mean          | $1.90^{a}$          | $2.02^{a}$            | $1.79^{a}$               | 1.84 <sup>a</sup>    |
| std deviation | 0.30                | 0.40                  | 0.23                     | 0.25                 |
| INTERNODE: LI | ENGTH ON THE BU     |                       | $P \le 0.01) = 2.7$      |                      |
| mean          | 13.7 <sup>a</sup>   | 15.1 <sup>a</sup>     | $14.2^{\acute{a}}$       | 13.9 <sup>a</sup>    |
| std deviation | 1.5                 | 2.4                   | 1.7                      | 1.3                  |
| INTERNODE: DI | AMETER - central po | erpendicular to bud ( | mm) LSD $(P \le 0.01) =$ | = 2.1                |
| mean          | 22.2 <sup>a,b</sup> | 24.0 <sup>a</sup>     | 20.9 <sup>b</sup>        | 27.6°                |
| std deviation | 2.4                 | 2.4                   | 2.1                      | 2.4                  |
| INTERNODE: SH | HAPE                |                       |                          |                      |
|               | bobbin-shaped       | bobbin-shaped         | obconoidal and           | cylindrical          |
|               | •                   | •                     | conoidal to              | •                    |
|               |                     |                       | concave convex           |                      |
| INTERNODE: CI | ROSS-SECTION        |                       |                          |                      |
|               | circular            | ovate                 | circular                 | circular             |
| INTERNODE: CO | OLOUR OF DEWAX      | ED INTERNODE W        | HERE EXPOSED TO          | O SUN (RHS, 1995)    |
|               | yellow-green        | yellow-green          | yellow-green             | greyed-purple        |
|               | (144A)              | (146B)                | (146B)                   | (187A)               |
| INTERNODE: CO | OLOUR WHERE NO      | T EXPOSED TO SU       | JN (RHS, 1995)           |                      |
|               | greyed-yellow       | greyed-yellow         | greyed-yellow            | greyed-yellow        |
|               | (160A) to           | (160A) and            | (160A)                   | (160A) to            |
|               | yellow-green        | yellow-green          |                          | yellow-green         |
|               | (153D)              | (151A)                |                          | (153D)               |
| INTERNODE: DI | EPTH OF GROWTH      | CRACK                 |                          |                      |
|               | absent or           | absent or             | shallow to               | absent or            |
|               | very shallow        | very shallow          | medium                   | very shallow         |
| INTERNODE: EX | XPRESSION OF ZIG    | ZAG ALIGNMENT         |                          |                      |
|               | moderate            | moderate              | moderate                 | moderate             |
| INTERNODE: W  | AXINESS             |                       |                          |                      |
|               | weak to medium      | strong                | weak                     | weak                 |
| NODE: WIDTH ( | OF ROOT BAND ON     | BUD SIDE              |                          |                      |
|               | medium              | medium to wide        | narrow                   | wide                 |
| NODE: WAX RI  | NG                  |                       |                          |                      |
| TODE, WAA KII |                     |                       |                          |                      |

|   | medium                                      | medium  | medium                                 | medium                         |
|---|---|---|--|--------------------------------|
| NODE: SHAPE OF                          | BUD<br>triangular                           | ovate   | triangular pointed and round           | ovate to<br>triangular pointed |
| NODE: WIDTH O                           | F BUD EXCLUDING medium to wide              | G WINGS<br>wide                               | narrow to medium                       | medium to wide                 |
| NODE: BUD PRO                           | MINENCE<br>medium                           | medium to strong                              | weak                                   | medium                         |
| NODE: DEPTH OF                          | F BUD GROOVE<br>medium                      | medium  | shallow to<br>medium                   | shallow                        |
| NODE: LENGTH (                          | OF BUD GROOVE<br>long                       | long  | long                                   | long                           |
| NODE: POSITION                          | OF BUD TIP IN RE intermediate               | LATION TO GROW intermediate                   | TH RING clearly below                  | intermediate                   |
| NODE: BUD CUS                           | HION<br>narrow                              | medium  | narrow                                 | wide                           |
| NODE: WIDTH BU                          | UD WING<br>medium                           | medium  | narrow                                 | narrow                         |
| LEAF SHEATH: L<br>mean<br>std deviation | ENGTH (TVD LEAI<br>28.9 <sup>a</sup><br>1.7 | F) (cm) LSD (P \le 0.0) 32.1 <sup>b</sup> 1.8 | 1) = 2.6<br>33.9 <sup>b,c</sup><br>2.5 | 36.4°<br>1.8                   |
| LEAF SHEATH: N                          | IUMBER OF HAIRS<br>medium                   | (groups 57 & 60)<br>absent or<br>very few     | few                                    | medium                         |
| LEAF SHEATH: L                          | ENGTH OF HAIRS medium                       | (groups 57 & 60)<br>n/a                       | medium                                 | medium                         |
| LEAF SHEATH: D                          | DISTRIBUTION OF I<br>only dorsal            | HAIRS<br>n/a                                  | only dorsal                            | only dorsal                    |
| LEAF SHEATH: S                          | HAPE OF LIGULE crescent-shaped              | deltoid                                       | crescent-shaped                        | deltoid                        |
| LEAF SHEATH: L                          | IGULE WIDTH medium                          | wide  | wide                                   | wide                           |
| LEAF SHEATH: L                          | ENGTH OF LIGULI<br>short                    | E HAIRS (group 61)<br>short                   | short                                  | short                          |
| LEAF SHEATH: D                          | DENSITY OF LIGUL<br>medium                  | E HAIRS (group 61)<br>medium                  | dense                                  | medium                         |
| LEAF SHEATH: S                          | HAPE OF UNDERL<br>lanceolate                | APPING AURICLE lanceolate                     | lanceolate                             | lanceolate                     |
| LEAF SHEATH: S                          | IZE OF UNDERLAF<br>small                    | PING AURICLE<br>large                         | small                                  | large                          |
| LEAF SHEATH: S                          | HAPE OF OVERLA<br>transitional              | PPING AURICLE<br>deltoid                      | transitional                           | lanceolate                     |

| LEAF SHEATH: SIZE OF OVERLAPPING AURICLE   |                       |                     |                       |                   |  |
|--|-----------------------|---------------------|-----------------------|-------------------|--|
|  | n/a                   | small               | n/a                   | small             |  |
| I FAF BLADE: CI  | LEAF BLADE: CURVATURE |                     |                       |                   |  |
| LEM BEMBE. CO  | curved tips           | curved tips         | curved tips to arched | curved tips       |  |
| LEAF BLADE: LA   | AMINA LENGTH (T       | VD LEAF) (m) LSD    | $(P \le 0.01) = 0.13$ |                   |  |
| mean   | 1.37 <sup>a</sup>     | 1.57 <sup>b</sup>   | 1.39 <sup>a</sup>     | 1.63 <sup>b</sup> |  |
| std deviation  | 0.12                  | 0.14                | 0.15                  | 0.10              |  |
| LEAF BLADE: WIDTH AT THE LONGITUDINAL MID-POINT (TVD LEAF) (mm) LSD ( $P \le 0.01$ ) = 3.2 medium medium to broad narrow medium to broad |                       |                     |                       |                   |  |
| mean   | 43.6 <sup>a</sup>     | 46.0 <sup>a,c</sup> | 36.8 <sup>b</sup>     | 49.3°             |  |
| std deviation  | 4.0                   | 6.1                 | 4.0                   | 4.4               |  |
| LEAF BLADE: PU   | UBESCENCE ON MA       | ARGIN<br>sparse     | medium                | medium            |  |
| LEAF BLADE: SERRATION OF MARGIN  |                       |                     |                       |                   |  |
|  | present               | present             | present               | present           |  |
| LEAF: MIDRIB WIDTH (longitudinal mid-point) (mm) LSD ( $P \le 0.01$ ) = 0.6  |                       |                     |                       |                   |  |
| mean   | 4.9 <sup>a,b</sup>    | 4.1 <sup>b,c</sup>  | 4.0°                  | 5.4 <sup>a</sup>  |  |
| std deviation  | 0.5                   | 0.6                 | 0.5                   | 0.9               |  |
| LEAF: RATIO OF LEAF BLADE WIDTH/MIDRIB WIDTH   |                       |                     |                       |                   |  |
|  | low                   | medium              | medium                | medium            |  |
|  |                       |                     |                       |                   |  |

Means followed by the same letter are not significantly different at  $P \le 0.01$ , Duncan's Multiple Range Test.

## Sugarcane (Saccharum hybrid)

Variety: 'Q215' Synonym: N/A

**Application no:** 2004/244 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Aug-2004 **Accepted:** 24-Aug-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

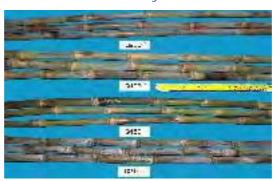
Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

# View the detailed description of this variety.



Saccharum hybrid

Sugarcane

## 'Q215'

Application No: 2004/244 Accepted: 24 Aug 2004. Applicant: **BSES Limited**, Indooroopilly, QLD.

Characteristics Ploidy: cytologically complex polyploid and aneuploid interspecific hybrid. Plant: stool growth habit semi-erect, adherence of leaf sheath weak to medium, tillering medium, number of suckers very few, leaf canopy medium. Culm: height (base to TVD leaf) medium with mean length approximately 2.69m (range 2.38 to 2.95m). Internode: length on the bud side short with mean length approximately 15.5cm (range 13.5 to 17.8cm), diameter medium with mean approximately 27.2mm (range 23.2 to 30.5mm), shape concave-convex, cross-section circular, colour of dewaxed internode where exposed to sun greyed-brown (N199A), colour of dewaxed internode where not exposed to sun yellow-green (154C), depth of growth crack absent or very shallow, expression of zigzag alignment moderate to strong, waxiness medium to strong. Node: width of root band on bud side narrow (mean 8.1mm), wax ring medium, shape of bud excluding wings rectangular, width of bud excluding wings medium (mean 7.0mm), bud prominence medium, depth of bud groove shallow to medium, length of bud groove medium, position of bud tip in relation to growth ring intermediate, bud cushion narrow, width of bud wing wide. Leaf sheath: number of hairs (groups 57 and 60) absent or very few, length (TVD leaf) medium with mean length approximately 31.1cm (range 28.0 to 34.5cm), shape of ligule crescent-shaped, ligule width medium, length of ligule hairs (group 61) short, density of ligule hairs (group 61) dense, shape of underlapping auricle lanceolate, size of underlapping auricle large, shape of overlapping auricle deltoid, size of overlapping auricle large. Leaf blade: curvature curved tips, lamina length at TVD leaf short with mean approximately 1.35m (range 1.08 to 1.54m), width at the longitudinal mid-point (TVD leaf) medium with mean width approximately 46.4mm (range 32.1 to 51.2mm), pubescence on margin absent or very sparse, serration of margin present. Leaf: midrib width narrow with mean approximately 3.7mm (range 2.8 to 4.9mm), ratio of leaf blade width/midrib width high (mean 12.6). Inflorescence: open panicle. Flowering: discontinuous. Seed or fruit: caryopsis. Disease resistance: resistance to Leaf Scald very high, resistance to Pachymetra Root Rot high, resistance to Fiji Leaf Gall very high, resistance to Red Rot very high. Other characteristics: fibre quantity and quality are acceptable for milling purposes (impact reading 0.6, shear strength 29.5, short fibre 57%). 'Q215' was uniquely identified by DNA fingerprinting using microsatellite markers, and did not match any other current sugarcane DNA profile.

Origin and Breeding Controlled pollination: seed parent '58N978' × pollen parent '67N1691' in a planned breeding program at Meringa (Gordonvale), QLD. Seed was collected from the pollinated female inflorescence and stored for germination in 1980. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. Selection criteria: cane yield, ccs, and sugar yield have been the main selection criteria. Disease resistance screening was conducted at the pathology farm (Woodford), in the Tully glasshouse, and in field trials in Indonesia and the Ord River region. Propagation: after an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. Breeder: BSES Limited.

Choice of Comparators 'Q158', 'Q187' and 'Q200' were chosen as the comparators for 'Q215' based on their similar states of expression for the following grouping characteristics: Internode: cross-section (characteristic 11), colour where not exposed to sun (characteristic 13). Node: shape of bud (characteristic 21). 'Q215' is not compared with its parents '58N978' and '67N1691' as they have been discarded from the parent collection. 'Q215' is very highly resistant to Leaf Scald, highly resistant to Pachymetra Root Rot, very highly resistant to Fiji Leaf Gall, and very highly resistant to Red Rot, compared with '58N978' which is highly resistant to Leaf Scald, intermediate to Pachymetra Root Rot, highly resistant to Fiji Leaf Gall, and to '67N1691' which is very highly resistant to Leaf Scald, intermediate to susceptible to Pachymetra Root Rot, highly susceptible to Fiji Leaf Gall, resistant to intermediate to Red Rot.

Comparative Trial Location: conducted at Meringa BSES Limited (17°12′ S, 145°45′ E), Gordonvale, QLD. The trial was planted 14 Aug 2003 and harvested in Sep 2004. DUS data were recorded in May 2003. Conditions: clones were propagated from vegetative cuttings and grown under field conditions. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Edmonton series. Watering regime: Rainfed. Chemicals: The fungicide Shirtan was applied at 400 ml per hectare at planting. Diurex (4 kg/ha) was applied on 15 Jan 2004 to control weeds. Fertilisers: DAP (120 kg/ha) was applied at planting, and CK 50/50 (367 kg/ha) was applied on 18 Nov 2003. Total nutrients were: N – 107.6 kg/ha; P – 24 kg/ha; K – 86 kg/ha. Trial design: Clones were grown in a randomised complete block design with three replicates. Plots were single row by 10 m, with 1.5 m between rows. Measurements: Taken from up to 10 stalks sampled randomly per plot.

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

No prior application. First Australian sale Jun 2004.

Description: Dr George Piperidis, BSES Limited, Mackay, QLD

#### Table Saccharum varieties

|                  | 'Q215'                | *'Q158'                    | *'Q187' <sup>¢</sup>     | *'Q200' <sup>¢</sup> |
|------------------|-----------------------|----------------------------|--------------------------|----------------------|
| PLANT: STOOL     | GROWTH HABIT          |                            |                          |                      |
| 2.1.(1,01002     | semi-erect            | semi-prostrate             | semi-erect               | intermediate         |
| PLANT: ADHER     | ENCE OF LEAF SHE      | ATH                        |                          |                      |
|                  | weak to medium        | medium                     | weak to medium           | weak to medium       |
| PLANT: TILLER    | ING                   |                            |                          |                      |
|                  | medium                | medium                     | medium                   | high                 |
| PLANT: NUMBI     | ER OF SUCKERS         |                            |                          |                      |
|                  | very few              | few                        | very few                 | very few             |
| PLANT: LEAF C    | ANOPY                 |                            |                          |                      |
|                  | medium                | medium                     | sparse to medium         | medium               |
| STEM: CULM H     | EIGHT (base to TVD le | eaf) (m) LSD ( $P \le 0$ . | 01) = 0.23               |                      |
| mean             | 2.69 <sup>a,c</sup>   | 2.84 <sup>a</sup>          | $2.20^{b}$               | 2.53°                |
| std deviation    | 0.14                  | 0.22                       | 0.18                     | 0.22                 |
| INTERNODE: LI    | ENGTH ON THE BUD      | SIDE (cm) LSD (P           | $\leq 0.01) = 2.1$       |                      |
| mean             | 15.5 <sup>a</sup>     | 20.3 <sup>b</sup>          | 16.9 <sup>a</sup>        | 17.2 <sup>a</sup>    |
| std deviation    | 1.0                   | 2.1                        | 1.7                      | 1.2                  |
| INTERNODE: D     | IAMETER - central per |                            | nm) LSD $(P \le 0.01) =$ | 2.8                  |
| mean             | 27.2 <sup>a</sup>     | 26.5 <sup>a,b</sup>        | $27.0^{\mathrm{a}}$      | 23.3 <sup>b</sup>    |
| std deviation    | 1.8                   | 3.1                        | 2.9                      | 2.3                  |
| INTERNODE: SI    | HAPE                  |                            |                          |                      |
|                  | concave-convex        | cylindrical                | bobbin-shaped            | conoidal             |
| INTERNODE: C     | ROSS-SECTION          |                            |                          |                      |
|                  | circular              | circular                   | circular                 | circular             |
| <br>INTERNODE: C | OLOUR OF DEWAXE       | D INTERNODE WI             | HERE EXPOSED TO          | SUN (RHS, 1995)      |
|                  | greyed-brown          | yellow-green               | yellow-green             | greyed-brown         |
|                  | (N199A)               | (152B)                     | (152A)                   | (N199B)              |
| INTERNODE: C     | OLOUR OF DEWAXE       | D INTERNODE WI             | HERE NOT EXPOSE          | D TO SUN (RHS, 1995) |
|                  | yellow-green          | yellow-green               | yellow-green             | greyed-yellow        |
|                  | (154C)                | (146C and 154D)            | (N144A and 146B)         | (160A)               |
| INTERNODE: D     | EPTH OF GROWTH C      | CRACK                      |                          |                      |
|                  | absent or             | absent or                  | absent or                | absent or            |
|                  | very shallow          | very shallow               | very shallow             | very shallow         |
| INTERNODE: EX    | XPRESSION OF ZIGZ     | AG ALIGNMENT               |                          |                      |
|                  | moderate to strong    | moderate                   | moderate                 | weak to moderate     |
| INTERNODE: W     | AXINESS               |                            |                          |                      |
|                  | medium to strong      | weak                       | weak to medium           | weak to medium       |
|                  |                       |                            |                          |                      |
| NODE: WIDTH      | OF ROOT BAND ON I     | BUD SIDE                   |                          |                      |

|  | medium  | medium   | narrow to medium          | wide                                       |
|--|---|--|---------------------------|--|
| NODE: SHAPE OF                                   | BUD EXCLUDING rectangular   | WINGS<br>rectangular   | rectangular               | rectangular                                |
| NODE: WIDTH OF                                   | BUD EXCLUDING medium  | WINGS<br>wide  | medium                    | medium                                     |
| NODE: BUD PROM                                   | MINENCE<br>medium   | medium   | medium                    | strong                                     |
| NODE: DEPTH OF                                   | BUD GROOVE shallow to medium  | shallow  | shallow                   | shallow to medium                          |
| NODE: LENGTH C                                   | OF BUD GROOVE medium  | short  | short to medium           | medium                                     |
| NODE: POSITION                                   | OF BUD TIP IN REI intermediate  | ATION TO GROW clearly below  | TH RING intermediate      | intermediate                               |
| NODE: BUD CUSH                                   | HON<br>narrow   | narrow   | absent or very narrow     | absent or very narrow                      |
| NODE: WIDTH OF                                   | BUD WING wide   | medium to wide   | narrow to medium          | narrow                                     |
| LEAF SHEATH: N                                   | UMBER OF HAIRS (<br>absent or very few  | (groups 57 & 60)<br>absent or very few   | absent or very few        | few  |
| LEAF SHEATH: LI                                  | ENGTH (TVD Leaf)  |  | = 1.7                     |  |
| mean   | 31.1 <sup>a</sup>   | 39.8 <sup>b</sup>  | 34.6°                     | 27.2 <sup>d</sup>                          |
| std deviation                                    | 1.4   | 1.2  | 1.5                       | 1.4  |
| LEAF SHEATH: L                                   | ENGTH OF HAIRS (  | groups 57 & 60)<br>n/a   | n/a                       | medium                                     |
| LEAF SHEATH: D                                   | ISTRIBUTION OF H  | AIRS   |                           |  |
|  | n/a   |  |                           |  |
| T = 1 = 0TT= 1 = TT 01                           |   | n/a  | n/a                       | only dorsal                                |
| LEAF SHEATH: SI                                  | HAPE OF LIGULE crescent-shaped  | crescent-shaped  | n/a crescent-shaped       | crescent-shaped                            |
| LEAF SHEATH: SI                                  | crescent-shaped   |  |                           |  |
| LEAF SHEATH: L                                   | crescent-shaped  IGULE WIDTH  | crescent-shaped medium   | crescent-shaped           | crescent-shaped                            |
| LEAF SHEATH: LI                                  | crescent-shaped  IGULE WIDTH  medium  ENGTH OF LIGULE   | medium  HAIRS (group 61) short to medium   | crescent-shaped<br>medium | crescent-shaped medium to wide             |
| LEAF SHEATH: LEAF SHEATH: LEAF SHEATH: D         | crescent-shaped GULE WIDTH medium ENGTH OF LIGULE short ENSITY OF LIGULE                            | medium  HAIRS (group 61) short to medium  HAIRS (group 61) medium                                | medium medium             | medium to wide                             |
| LEAF SHEATH: LI  LEAF SHEATH: D  LEAF SHEATH: SI | Crescent-shaped  IGULE WIDTH medium  ENGTH OF LIGULE short  ENSITY OF LIGULE dense  HAPE OF UNDERLA | medium  HAIRS (group 61) short to medium  E HAIRS (group 61) medium  APPING AURICLE transitional | medium medium medium      | crescent-shaped medium to wide short dense |

|                  | deltoid          | transitional        | transitional             | transitional                  |
|------------------|------------------|---------------------|--------------------------|-------------------------------|
| <br>LEAF SHEATH: | SIZE OF OVERLA   | APPING AURICLE      |                          |                               |
|                  | large            | n/a                 | n/a                      | n/a                           |
| LEAF BLADE: (    | CURVATURE        |                     |                          |                               |
|                  | curved tips      | arched              | straight                 | curved tips                   |
| LEAF BLADE: I    | LAMINA LENGTH    | (TVD Leaf) (m) LSI  | $O(P \le 0.01) = 0.12$   |                               |
| mean             | $1.35^{a}$       | 1.72 <sup>b</sup>   | 1.64 <sup>b</sup>        | 1.34 <sup>a</sup>             |
| std deviation    | 0.10             | 0.12                | 0.14                     | 0.11                          |
| LEAF BLADE: V    | WIDTH AT THE LO  | ONGITUDINAL MII     | D-POINT (TVD Leaf        | $(mm) LSD (P \le 0.01) = 3.6$ |
| mean             | $46.4^{a}$       | $44.8^{a}$          | 52.6 <sup>b</sup>        | 38.9°                         |
| std deviation    | 3.7              | 3.3                 | 4.9                      | 3.4                           |
| LEAF BLADE: I    | PUBESCENCE ON    | MARGIN              |                          |                               |
|                  | absent or        | absent or           | absent or                | medium                        |
|                  | very sparse      | very sparse         | very sparse              |                               |
| LEAF BLADE: S    | SERRATION OF M   | ARGIN               |                          |                               |
|                  | present          | present             | present                  | present                       |
| LEAF: MIDRIB     | WIDTH (Longitudi | nal Mid-point) (mm) | LSD $(P \le 0.01) = 0.6$ |                               |
| mean             | 3.7 <sup>a</sup> | 4.8 <sup>b</sup>    | 5.8°                     | 3.8 <sup>a</sup>              |
| std deviation    | 0.4              | 0.5                 | 0.6                      | 0.7                           |
| LEAF: RATIO C    | DF LEAF BLADE W  | /IDTH/MIDRIB WII    | OTH .                    |                               |
|                  | high             | medium              | low                      | medium                        |

Means followed by the same letter are not significantly different at P  $\leq$  0.01, Duncan's Multiple Range

# Sugarcane (Saccharum hybrid)

Variety: 'Q219' Synonym: N/A

**Application no:** 2004/247 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Aug-2004 **Accepted:** 24-Aug-2004

Granted: N/A

Description

published in Plant Varieties

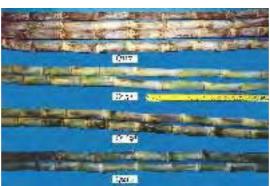
Volume 18, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383



Sugarcane

## 'Q219'

Application No: 2004/247 Accepted: 24 Aug 2004. Applicant: **BSES Limited**, Indooroopilly, QLD.

Characteristics Ploidy: cytologically complex polyploid and aneuploid interspecific hybrid. Plant: stool growth habit semi-prostrate, adherence of leaf sheath weak, tillering medium to high, number of suckers very few, leaf canopy sparse to medium. Stem: culm height (base to TVD leaf) medium with mean length approximately 2.13m (range 1.30 to 2.93m). Internode: length on the bud side medium with mean length approximately 14.0cm (range 11.0 to 19.0cm), diameter thin to medium with mean approximately 22.9mm (range 16.4 to 27.1mm), shape bobbin, cross-section ovate, colour of dewaxed internode where exposed to sun yellow-green (RHS 152A), colour where not exposed to sun greyedyellow (RHS 160A) to yellow-green (RHS 153D), depth of growth crack medium, expression of zigzag alignment weak to moderate, waxiness medium. Node: width of root band on bud side narrow to medium (mean 7.8mm), wax ring absent or very narrow, shape of bud triangular, width of bud excluding wings medium to wide (mean 6.7mm), bud prominence strong, depth of bud groove medium, length of bud groove long, position of bud tip in relation to growth ring clearly above, bud cushion medium, width of bud wing medium. Leaf sheath: length (TVD leaf) short with mean length approximately 28.4cm (range 21.0 to 31.0cm), number of hairs (groups 57 and 60) absent or very few, shape of ligule crescent-shaped, ligule width medium, length of ligule hairs (group 61) short, density of ligule hairs (group 61) medium, shape of underlapping auricle transitional, shape of overlapping auricle transitional. Leaf blade: curvature curved tips, lamina length at TVD leaf medium with mean approximately 1.46m (range 1.22 to 1.59m), width at the longitudinal mid-point (TVD leaf) narrow to medium with mean width approximately 39.3mm (range 29.3 to 44.3mm), pubescence on margin sparse, serration of margin present. Leaf: midrib width narrow to medium with mean approximately 4.2mm (range 3.0 to 5.4mm), ratio of leaf blade width/midrib width medium (mean 9.5). Inflorescence: open panicle. Flowering: discontinuous. Seed or fruit: caryopsis. Disease resistance: very highly resistant to Leaf Scald (Xanthomonas albilineans (Ashby) Dowson), very highly resistant to Pachymetra Root Rot. Other characteristics: fibre quantity and quality acceptable for milling purposes (impact reading 0.5, shear strength 33, short fibre 55%). 'Q219' was uniquely identified by DNA fingerprinting using microsatellite markers, and did not match any other current sugarcane DNA profile.

Origin and Breeding Controlled pollination: seed parent '73C214' × pollen parent '75N1681' in a planned breeding program at Meringa (Gordonvale), QLD. Seed was collected from the pollinated female inflorescence and stored for germination in 1989. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. Selection criteria: cane yield, ccs, and sugar yield have been the main selection criteria. Disease resistance screening was conducted at the pathology farm (Woodford), in the Tully glasshouse, and in field trials in Indonesia and the Ord River region. Propagation: after an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. Breeder: BSES Limited.

Choice of Comparators 'Q117', 'Q152', and 'Q169' were chosen as the comparators for 'Q219' based on their similar states of expression for the following grouping characteristics: Internode: colour where not exposed to sun (characteristic 13); Node: shape of bud (characteristic 21). 'Q219' is not compared with its parents '73C214' and '75N1681' as they have been discarded from the parent collection. 'Q219' is very highly resistant to resistant to Leaf Scald, and very highly resistant to Pachymetra Root Rot, compared with '73C214' which is highly resistant to Leaf Scald, intermediate to Pachymetra Root Rot, and '75N1681' which is resistant to intermediate to Pachymetra Root Rot.

Comparative Trial Location: conducted at Meringa BSES Limited (17° 12′ S, 145° 45′ E), Gordonvale, QLD. The trial was planted 1 Aug 2001 and harvested in Sep 2002. DUS data were recorded in May 2002. Conditions: clones were propagated from vegetative cuttings and grown under field conditions. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Clifton. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at 400 ml per hectare and Suscon at 14 kg per hectare at planting. Diurex (4 kg/ha) was applied on 28 Nov 2001 to control weeds. Fertilisers: DAP (120 kg/ha) was applied at planting, and CK 50/50 (380 kg/ha) was applied on 25 Nov 2001. Total nutrients were: N – 112 kg/ha; P – 24 kg/ha; K – 91 kg/ha. Trial design: Clones were grown in a randomised complete block design with three replicates. Plots were single row by 10 m, with 1.5 m between rows. Measurements: Taken from up to 12 stalks sampled randomly per plot.

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## **Prior Applications and Sales**

No prior applications. First Australian sale Jul 2004.

Description: **Dr George Piperidis**, BSES Limited, Mackay, QLD

## Table Saccharum varieties

|                  | 'Q219'               | *'Q117'                | *'Q152'                  | *'Q169' <sup>©</sup> |
|------------------|----------------------|------------------------|--------------------------|----------------------|
| PLANT: STOOI     | GROWTH HABIT         |                        |                          |                      |
| LIMIT. STOOL     | semi-prostrate       | erect                  | erect                    | semi-erect           |
| PLANT: ADHER     | RENCE OF LEAF SHE    | ATH                    |                          |                      |
|                  | weak                 | weak to medium         | weak to medium           | medium               |
| PLANT: TILLER    | RING                 |                        |                          |                      |
|                  | medium to high       | low                    | medium                   | medium               |
| PLANT: NUMBI     | ER OF SUCKERS        |                        |                          |                      |
|                  | very few             | few                    | few                      | very few             |
| PLANT: LEAF C    | CANOPY               |                        |                          |                      |
|                  | sparse to medium     | sparse                 | sparse to medium         | sparse               |
| STEM: CULM H     | EIGHT (BASE TO TV    |                        |                          |                      |
| mean             | $2.13^{a}$           | 1.63 <sup>a</sup>      | 1.79 <sup>a</sup>        | 1.84 <sup>a</sup>    |
| std deviation    | 0.49                 | 0.26                   | 0.23                     | 0.25                 |
| INTERNODE: L     | ENGTH ON THE BUI     | O SIDE (cm) LSD (P     | $0 \le 0.01 = 2.7$       |                      |
| mean             | $14.0^{a}$           | 10.5 <sup>b</sup>      | 14.2 <sup>a</sup>        | 13.9 <sup>a</sup>    |
| std deviation    | 2.4                  | 1.4                    | 1.7                      | 1.3                  |
| INTERNODE: D     | IAMETER - central pe | erpendicular to bud (1 | mm) LSD $(P \le 0.01) =$ | = 2.1                |
| mean             | 22.9 <sup>a,b</sup>  | 25.2 <sup>a,c</sup>    | 20.9 <sup>b</sup>        | 27.6°                |
| std deviation    | 2.8                  | 2.6                    | 2.1                      | 2.4                  |
| INTERNODE: SI    | HAPE                 |                        |                          |                      |
| ii (TEIG (ODE, O | bobbin               | tumescent and          | obconoidal and           | cylindrical          |
|                  |                      | concave-convex         | conoidal to              | 9,111011001          |
|                  |                      | concave conven         | concave convex           |                      |
| INTERNODE: C     | ROSS-SECTION         |                        |                          |                      |
|                  | ovate                | circular               | circular                 | circular             |
| INTERNODE: C     | OLOUR OF DEWAXI      | ED INTERNODE W         | HERE EXPOSED TO          | O SUN (RHS 1995)     |
| nviziavozz. c    | yellow-green         | greyed-orange          | yellow-green             | greyed-purple        |
|                  | (152A)               | (166A) to              | (146B)                   | (187A)               |
|                  | ` /                  | greyed-purple          | ` /                      |                      |
|                  |                      | (187A)                 |                          |                      |
| INTERNODE: C     | OLOUR WHERE NO       | Γ EXPOSED TO SU        | N (RHS, 1995)            |                      |
|                  | greyed-yellow        | greyed-yellow          | greyed-yellow            | greyed-yellow        |
|                  | (160A) to            | (160A) to              | (160A)                   | (160A) to            |
|                  | yellow-green         | yellow-green           | ` /                      | yellow-green         |
|                  | (153D)               | (153DA)                |                          | (153D)               |
| INTERNODE: D     | EPTH OF GROWTH       | CRACK                  |                          |                      |
|                  | medium               | medium                 | shallow to               | absent or            |
|                  |                      |                        | medium                   | very shallow         |
| INTERNODE: E     | XPRESSION OF ZIGZ    | ZAG ALIGNMENT          |                          |                      |
|                  | weak to moderate     | moderate               | moderate                 | moderate             |
| NTERNODE: W      | AXINESS              |                        |                          |                      |
|                  | medium               | strong                 | weak                     | weak                 |
| NODE: WIDTH      | OF ROOT BAND         |                        |                          |                      |
| —                | narrow to medium     | medium to wide         | narrow                   | wide                 |
|                  |                      |                        |                          |                      |

| NODE: WAX RIN  |   |  |  |  |
|--|---|--|--|--|
|  | absent or   | absent or  | medium   | medium   |
|  | very narrow   | very narrow  |  |  |
| NODE: SHAPE OF   | F BUD   |  |  |  |
|  | triangular  | triangular   | triangular pointed   | ovate to   |
|  |   |  | and round  | triangular pointed   |
| MODE: WIDTH O  | F BUD EXCLUDING   | : WINGS  |  |  |
| NODE. WIDTH O  | medium to wide  | medium   | narrow to medium   | medium to wide   |
|  |   |  |  |  |
| NODE: BUD PRO  | MINENCE   |  |  |  |
|  | strong  | weak to medium   | weak   | medium   |
| NODE: DEPTH O  | F RUD GROOVE  |  |  |  |
| NODE, DEI III OI   | medium  | shallow  | shallow to   | shallow  |
|  |   | Situatio W   | medium   | Silaire  |
|  |   |  |  |  |
| NODE: LENGTH   | OF BUD GROOVE   |  |  |  |
|  | long  | medium   | long   | long   |
| NODE: POSITION   | OF BUD TIP IN RE  | LATION TO GROW   | TH RING  |  |
| 1.022.1001101  | clearly above   | intermediate   | clearly below  | intermediate   |
|  | <u> </u>  |  |  |  |
| NODE: BUD CUS  |   |  |  |  |
|  | medium  | medium   | narrow   | wide   |
| NODE: WIDTH O  | F BUD WING  |  |  |  |
|  | medium  | narrow to medium   | narrow   | narrow   |
|  |   |  |  |  |
| I FAF CHFATH. I  | ENGTH (TVD I EAR  | (am) I CD (D < 0.0)  | 1) - 2 6   |  |
| EEAI SHEATH. E   |   | F) (cm) LSD ( $P \le 0.0$ )  |  | 1.   |
| EEM SHEATH. E  | short   | very short to  | medium   | medium   |
|  | short   | very short to short  | medium   |  |
| mean std deviation   |   | very short to  |  | medium 36.4 <sup>b</sup> 1.8   |
| mean<br>std deviation  | short<br>28.4 <sup>a</sup><br>1.7   | very short to<br>short<br>26.9 <sup>a</sup><br>1.2   | medium 33.9 <sup>b</sup>   | 36.4 <sup>b</sup>  |
| mean<br>std deviation  | short  28.4 <sup>a</sup> 1.7  NUMBER OF HAIRS   | very short to<br>short<br>26.9 <sup>a</sup><br>1.2<br>(groups 57 & 60)   | medium 33.9 <sup>b</sup> 2.5   | 36.4 <sup>b</sup><br>1.8   |
| mean<br>std deviation  | short  28.4 <sup>a</sup> 1.7  NUMBER OF HAIRS absent or   | very short to<br>short<br>26.9 <sup>a</sup><br>1.2   | medium 33.9 <sup>b</sup>   | 36.4 <sup>b</sup>  |
| mean<br>std deviation  | short  28.4 <sup>a</sup> 1.7  NUMBER OF HAIRS   | very short to<br>short<br>26.9 <sup>a</sup><br>1.2<br>(groups 57 & 60)   | medium 33.9 <sup>b</sup> 2.5   | 36.4 <sup>b</sup><br>1.8   |
| mean<br>std deviation<br>LEAF SHEATH: N  | short  28.4 <sup>a</sup> 1.7  NUMBER OF HAIRS absent or   | very short to<br>short<br>26.9 <sup>a</sup><br>1.2<br>(groups 57 & 60)<br>medium   | medium 33.9 <sup>b</sup> 2.5   | 36.4 <sup>b</sup><br>1.8   |
| mean<br>std deviation<br>LEAF SHEATH: N  | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  | very short to<br>short<br>26.9 <sup>a</sup><br>1.2<br>(groups 57 & 60)<br>medium   | medium 33.9 <sup>b</sup> 2.5   | 36.4 <sup>b</sup><br>1.8   |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium  | medium 33.9 <sup>b</sup> 2.5 few   | 36.4 <sup>b</sup> 1.8  medium  |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF H   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium  | medium  33.9 <sup>b</sup> 2.5  few  medium   | 36.4 <sup>b</sup> 1.8  medium  |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium  | medium 33.9 <sup>b</sup> 2.5 few   | 36.4 <sup>b</sup> 1.8  medium  |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF H   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal                                      | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal                               |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF H   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium  | medium  33.9 <sup>b</sup> 2.5  few  medium   | 36.4 <sup>b</sup> 1.8  medium  |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: C   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal                                      | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal                               |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium  HAIRS only dorsal crescent-shaped   | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped                     | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid                      |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: C   | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal                                      | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal                               |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: C  LEAF SHEATH: C                                 | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF HAIRS n/a  CHAPE OF LIGULE crescent-shaped  IGULE WIDTH medium  ENGTH OF LIGULE   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal crescent-shaped wide E HAIRS (group 61)  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide               | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide                |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: C  LEAF SHEATH: C                                 | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium   | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal crescent-shaped wide   | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped                     | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid                      |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: S  LEAF SHEATH: L  LEAF SHEATH: L                 | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium  LENGTH OF LIGULE short  | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal crescent-shaped wide HAIRS (group 61) short  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide               | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide                |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: S  LEAF SHEATH: L  LEAF SHEATH: L                 | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium  LENGTH OF LIGULE short  DENSITY OF LIGULE                       | very short to short 26.9a 1.2  (groups 57 & 60) medium  (groups 57 & 60) medium  HAIRS only dorsal  crescent-shaped  wide  E HAIRS (group 61) short  E HAIRS (group 61)                      | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide               | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide  short         |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: S  LEAF SHEATH: L  LEAF SHEATH: L                 | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  LENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium  LENGTH OF LIGULE short  | very short to short 26.9a 1.2 (groups 57 & 60) medium (groups 57 & 60) medium HAIRS only dorsal crescent-shaped wide HAIRS (group 61) short  | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide  short        | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide                |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: S  LEAF SHEATH: L  LEAF SHEATH: L  LEAF SHEATH: L | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium  ENGTH OF LIGULE short  DENSITY OF LIGULE medium  CHAPE OF UNDERL | very short to short 26.9a 1.2  (groups 57 & 60) medium  (groups 57 & 60) medium  HAIRS only dorsal  crescent-shaped  wide  HAIRS (group 61) short  E HAIRS (group 61) sparse  APPING AURICLE | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide  short  dense | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide  short  medium |
| mean std deviation  LEAF SHEATH: N  LEAF SHEATH: L  LEAF SHEATH: S  LEAF SHEATH: L  LEAF SHEATH: L  LEAF SHEATH: L | short  28.4a 1.7  NUMBER OF HAIRS absent or very few  ENGTH OF HAIRS n/a  DISTRIBUTION OF Hairs n/a  CHAPE OF LIGULE crescent-shaped  LIGULE WIDTH medium  ENGTH OF LIGULE short  DENSITY OF LIGULE medium                  | very short to short 26.9a 1.2  (groups 57 & 60) medium  (groups 57 & 60) medium  HAIRS only dorsal  crescent-shaped  wide  E HAIRS (group 61) short  E HAIRS (group 61) sparse               | medium  33.9 <sup>b</sup> 2.5  few  medium  only dorsal  crescent-shaped  wide  short        | 36.4 <sup>b</sup> 1.8  medium  medium  only dorsal  deltoid  wide  short         |

LEAF SHEATH: SIZE OF UNDERLAPPING AURICLE

| ELM SHEMM.     | n/a               | medium               | small                    | large                                |
|----------------|-------------------|----------------------|--------------------------|--------------------------------------|
| I FAF SHFATH:  | SHAPE OF OVER     | LAPPING AURICL       | F                        |                                      |
| LEAF SHEATH.   | transitional      | deltoid              | transitional             | lanceolate                           |
| LEAF SHEATH:   | SIZE OF OVERLA    | APPING AURICLE       |                          |                                      |
|                | n/a               | small                | n/a                      | small                                |
| LEAF BLADE: C  | CURVATURE         |                      |                          |                                      |
|                | curved tips       | erect to curved tips | curved tips to arched    | curved tips                          |
| LEAF BLADE: L  | AMINA LENGTH      | (TVD LEAF) (m) L     | $SD (P \le 0.01) = 0.13$ |                                      |
| mean           | 1.46 <sup>a</sup> | $1.34^{a}$           | $1.39^{a}$               | 1.63 <sup>b</sup>                    |
| std deviation  | 0.08              | 0.10                 | 0.15                     | 0.10                                 |
| LEAF BLADE: V  | VIDTH AT THE L    | ONGITUDINAL MI       | D-POINT (TVD LEAF        | $(1)$ (mm) LSD (P $\leq$ 0.01) = 3.2 |
| mean           | 39.3 <sup>a</sup> | 42.3 <sup>a</sup>    | $36.8^{a}$               | 49.3°                                |
| std deviation  | 3.5               | 2.7                  | 4.0                      | 4.4                                  |
| LEAF BLADE: P  | UBESCENCE ON      | MARGIN               |                          |                                      |
|                | sparse            | sparse               | medium                   | medium                               |
| LEAF BLADE: S  | ERRATION OF M     | ARGIN                |                          |                                      |
|                | present           | present              | present                  | present                              |
| LEAF: MIDRIB V | WIDTH (longitudir | al mid-point) (mm) I | $LSD (P \le 0.01) = 0.6$ |                                      |
| mean           | $4.2^{a,b}$       | 4.8 <sup>a,c</sup>   | 4.0 <sup>b</sup>         | 5.4 <sup>a,c</sup>                   |
| std deviation  | 0.6               | 0.7                  | 0.5                      | 0.9                                  |
| LEAF: RATIO O  | F LEAF BLADE V    | /IDTH/MIDRIB WII     | OTH .                    |                                      |
|                | medium            | low                  | medium                   | medium                               |

Means followed by the same letter are not significantly different at  $P \le 0.01$ , Duncan's Multiple Range Test.

# Sugarcane (Saccharum hybrid)

Variety: 'Q218' Synonym: N/A

**Application no:** 2004/246 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Aug-2004 **Accepted:** 24-Aug-2004

Granted: N/A

Description published in

Plant Varieties

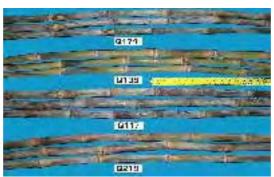
Volume 18, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383



Saccharum hybrid

Sugarcane

#### **'0218'**

Application No: 2004/246 Accepted: 24 Aug 2004. Applicant: **BSES Limited**, Indooroopilly, QLD.

Characteristics Ploidy: cytologically complex polyploid and aneuploid interspecific hybrid. Plant: stool growth habit erect to semi-erect, adherence of leaf sheath medium to strong, tillering medium, number of suckers very few, leaf canopy medium. Stem: culm height (base to TVD leaf) short to medium with mean length approximately 2.50m (range 1.65 to 3.00m). Internode: length on the bud side long with mean length approximately 18.9cm (range 17.0 to 21.7cm), diameter medium with mean approximately 28.7mm (range 20.8 to 34.0mm), shape cylindrical, cross-section circular, colour of dewaxed internode where exposed to sun yellow-green (152A), colour of dewaxed internode where not exposed to sun greyed-yellow (160C), depth of growth crack absent or very shallow, expression of zigzag alignment strong, waxiness medium. Node: width of root band on bud side medium (mean 9.5mm), wax ring wide, shape of bud excluding wings obovate, width of bud excluding wings medium (mean 6.4mm), bud prominence weak to medium, depth of bud groove shallow, length of bud groove medium to long, position of bud tip in relation to growth ring intermediate, bud cushion absent or very narrow, width of bud wing narrow. Leaf sheath: length (TVD leaf) medium with mean length approximately 31.0cm (range 25.0 to 35.0cm), number of hairs (groups 57 and 60) many, length of hairs (groups 57 and 60) long, distribution of hairs (groups 57 and 60) only dorsal, shape of ligule crescent-shaped, ligule width wide, length of ligule hairs (group 61) short, density of ligule hairs (group 61) sparse to medium, shape of underlapping auricle lanceolate, size of underlapping auricle small to medium, shape of overlapping auricle transitional. Leaf blade: curvature curved tips, lamina length at TVD leaf medium with mean approximately 1.66m (range 1.06 to 1.90m), width at the longitudinal mid-point (TVD leaf) medium with mean width approximately 42.8mm (range 30.3 to 51.3mm), pubescence on margin dense, serration of margin present. Leaf: midrib width narrow with mean approximately 3.8mm (range 2.4 to 4.9mm), ratio of leaf blade width/midrib width medium (mean 11.6). Inflorescence: open panicle. Flowering: discontinuous. Seed or fruit: caryopsis. Disease resistance: resistance to Leaf Scald very high, resistance to Pachymetra Root Rot very high, resistance to smut highly susceptible, resistance to Yellow Spot highly susceptible. Other characteristics: fibre quantity and quality are acceptable for milling purposes (impact reading 0.5, shear strength 31, short fibre 60%). 'Q218' was uniquely identified by DNA fingerprinting using microsatellite markers, and did not match any other current sugarcane DNA profile.

Origin and Breeding Controlled pollination: seed parent 'Q117' × pollen parent 'VMC67-315' in a planned breeding program at Meringa (Gordonvale), QLD. Seed was collected from the pollinated female inflorescence and stored for germination in 1989. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. Selection criteria: cane yield, ccs, and sugar yield have been the main selection criteria. Disease resistance screening was conducted at the pathology farm (Woodford), in the Tully glasshouse, and in field trials in Indonesia and the Ord River region. Propagation: after an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. Breeder: BSES Limited.

Choice of Comparators 'Q117', 'Q138' and 'Q174' were chosen as the comparators for 'Q218' based on their similar states of expression for the following grouping characteristics: Internode: cross-section (characteristic 11); Internode: colour where exposed to sun (characteristic 12); Node: shape of bud (characteristic 21). 'Q117' is also the seed parent of 'Q218'. 'Q218' is not compared with its pollen parent 'VMC67-315' as it has been discarded from the parent collection. 'Q218' is very highly resistant to Leaf Scald, very highly resistant to Pachymetra Root Rot, highly susceptible to smut, and highly susceptible to Yellow Spot, compared with 'VMC67-315' which is resistant to Leaf Scald, susceptible to Pachymetra Root Rot, very highly resistant to smut, and very highly resistant to Yellow Spot.

Comparative Trial Location: conducted at Meringa BSES Limited (17°12′ S, 145°45′ E), Gordonvale, QLD. The trial was planted 14 Aug 2003 and harvested in Sep 2004. DUS data were recorded in May 2003. Conditions: clones were propagated from vegetative cuttings and grown under field conditions. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Edmonton series. Watering regime: Rainfed. Chemicals: The fungicide Shirtan was applied at 400 ml per hectare at planting. Diurex (4 kg/ha) was applied on 15 Jan 2004 to control weeds. Fertilisers: DAP (120 kg/ha) was applied at planting, and CK 50/50 (367 kg/ha) was applied on 18 Nov 2003. Total nutrients were: N – 107.6 kg/ha; P – 24 kg/ha; K – 86 kg/ha. Trial design: Clones were grown in a randomised complete block design with three replicates. Plots were single row by 10 m, with 1.5 m between rows. Measurements: Taken from up to 10 stalks sampled randomly per plot.

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

No prior application. First Australian sale Jul 2004.

Description: Dr George Piperidis, BSES Limited, Mackay, QLD

## Table Saccharum varieties

| std deviation 0.32 0.16 0.17 0.21  INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD ( $P \le 0.01$ ) = 2.1  mean 18.9° 14.4° 19.5° 15.2° std deviation 1.4 1.5 2.3 1.7  INTERNODE: DIAMETER - central perpendicular to bud (mm) LSD ( $P \le 0.01$ ) = 2.8  mean 28.7° mean 28.7° std deviation 3.2 3.6 3.1 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A) (146A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow-green (151A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow (5D)  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak medium to strong weak medium to strong  |               | 'Q218'               | *'Q117'                | *'Q138'                               | *'Q174' <sup>¢</sup>  |
|---|---------------|----------------------|------------------------|---------------------------------------|-----------------------|
| PLANT: ADHERENCE OF LEAF SHEATH medium to strong weak to medium medium weak to medium  PLANT: TILLERING medium medium high medium  PLANT: NUMBER OF SUCKERS very few very few very few very few very few  PLANT: LEAF CANOPY medium sparse to medium medium sparse to medium  STEM: CULM HEIGHT (base to TVD leaf) (m) LSD (P ≤ 0.01) = 0.23 nean 2.50° 2.48° 2.66° 2.69° tid deviation 0.32 0.16 0.17 0.21  INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD (P ≤ 0.01) = 2.1 nean 18.9° 14.4° 19.5° 15.2° 31.7  INTERNODE: DIAMETER - central perpendicular to bud (mm) LSD (P ≤ 0.01) = 2.8 nean 28.7°a° 30.2° 25.5° 30.0° std deviation 3.2 3.6 3.1 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A) (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (146A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (177A) yellow-green (151A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (177A) yellow-green (151A) (177A)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium to strong weak medium to strong   | PLANT: STOOL  | GROWTH HABIT         |                        |                                       |                       |
| PLANT: TILLERING   medium   sparse to medium   sparse to medium   medium   sparse       |               | erect to semi-erect  | semi-erect             | intermediate                          | intermediate          |
| PLANT: TILLERING medium medium high medium  PLANT: NUMBER OF SUCKERS very few very few very few very few  PLANT: LEAF CANOPY medium sparse to medium sparse to medium  STEM: CULM HEIGHT (base to TVD leaf) (m) LSD (P ≤ 0.01) = 0.23 nean 2.50° 2.48° 2.65° 2.69° std deviation 0.32 0.16 0.17 0.21  INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD (P ≤ 0.01) = 2.1 nean 18.9° 14.4° 19.5° 15.2° 3.1.7  INTERNODE: DIAMETER - central perpendicular to bud (mm) LSD (P ≤ 0.01) = 2.8 nean 28.7° 30.2° 25.5° 30.0° std deviation 3.2 3.6° 3.1 4.6°  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A) (146A) and greyed-orange (177A) (N144A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow-green (151A) (N144D) and yellow-green (151A)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong weak medium to strong weak medium to strong   | PLANT: ADHER  | ENCE OF LEAF SHE     | EATH                   |                                       |                       |
| PLANT: NUMBER OF SUCKERS very few       very few       very few       very few         PLANT: LEAF CANOPY medium       sparse to medium       medium       sparse to medium         STEM: CULM HEIGHT (base to TVD leaf) (m) LSD ( $P \le 0.01$ ) = 0.23 mean       2.50°       2.48°       2.65°       2.69°         std deviation       0.32       0.16       0.17       0.21         INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD ( $P \le 0.01$ ) = 2.1 mean       18.9°       14.4°       19.5°       15.2°         INTERNODE: DIAMETER - central per-pendicular to bud (mm) LSD ( $P \le 0.01$ ) = 2.8       mean       28.7°       30.2°       25.5°       30.0°         INTERNODE: SHAPE cylindrical       cylindrical       bobbin-shaped       cylindrical       cylindrical       cylindrical         INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A)       (146A) and (N144A) (N  |               | medium to strong     | weak to medium         | medium                                | weak to medium        |
| PLANT: NUMBER OF SUCKERS  very few  very shallow  very shallow  very shallow  very shallow  very shallow  medium to strong  very few  10 404  0.17  | PLANT: TILLER | ING                  |                        |                                       |                       |
| PLANT: LEAF CANOPY medium sparse to medium medium sparse to medium to strong medium to strong weak medium to strong sparse to medium sparse to medium to strong sparse to medium sparse to medium to strong sparse to medium to strong sparse to medium to strong sparse to medium sparse to medium to strong medium to strong sparse to medium sparse to medium to strong sparse to medium sparse to medium to strong sparse to medium to stron      |               | medium               | medium                 | high                                  | medium                |
| PLANT: LEAF CANOPY medium sparse to medium medium sparse to medium sparse sparse to medium sparse to medium sparse sparse to medium sparse sparse to medium sp     | PLANT: NUMBE  | ER OF SUCKERS        |                        |                                       |                       |
| medium   sparse to medium   medium   sparse to medium   |               | very few             | very few               | very few                              | very few              |
| medium   sparse to medium   medium   sparse to medium   | PLANT: LEAF C | ANOPY                |                        |                                       |                       |
| mean 2.50 $^{\circ}$ 2.48 $^{\circ}$ 2.65 $^{\circ}$ 2.69 $^{\circ}$ 3.14 deviation 0.32 0.16 0.17 0.21  INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD (P $\leq$ 0.01) = 2.1 mean 18.9 $^{\circ}$ 14.4 $^{\circ}$ 19.5 $^{\circ}$ 15.2 $^{\circ}$ 31.4 deviation 1.4 1.5 2.3 1.7  INTERNODE: DIAMETER - central perpendicular to bud (mm) LSD (P $\leq$ 0.01) = 2.8 mean 28.7 $^{\circ}$ 30.2 $^{\circ}$ 25.5 $^{\circ}$ 30.0 $^{\circ}$ 31.4 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical internode: CROSS-SECTION circular circular circular circular circular internode: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A) greyed-orange (177A) (N144A) and greyed-orange (177A) (N144A) and greyed-orange (177A) (N144D) and yellow-green (160C) (160C) greyed-yellow greyed-yellow (160B) (N144D) and yellow-green (151A) (N144D) and yellow (SD)  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak medium to strong weak medium to strong  |               |                      | sparse to medium       | medium                                | sparse to medium      |
| INTERNODE: LENGTH ON THE BUD SIDE (cm) LSD $(P \le 0.01) = 2.1$ nean 18.9° 14.4° 19.5° 15.2° std deviation 1.4 1.5 2.3 1.7  INTERNODE: DIAMETER - central perpendicular to bud (mm) LSD $(P \le 0.01) = 2.8$ nean 28.7° std deviation 3.2 3.6 3.1 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green (152A) (146A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow-green (N144D) and yellow-green (SDP) yellow-green (160C) (160B) (N144D) and yellow-green (SDP) yellow-gr | STEM: CULM H  | EIGHT (base to TVD   |                        | 01) = 0.23                            |                       |
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| mean 28.7a,b 30.2a 25.5b 30.0a 3.0 a 30.2a 3.6 3.1 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green (152A) (146A) and greyed-orange (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green yellow-green yellow-green yellow-green (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green yellow-green (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or yellow shallow deep shallow to medium yellow (5D)  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium to strong weak medium to strong  | std deviation | 1.4                  | 1.5                    | 2.3                                   | 1.7                   |
| mean 28.7a,b 30.2a 25.5b 30.0a 3.0 a 30.2a 3.6 3.1 4.6  INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green (152A) (146A) and greyed-orange (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green yellow-green yellow-green yellow-green (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green yellow-green (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) yellow-green (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or yellow shallow deep shallow to medium yellow (5D)  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium to strong weak medium to strong  | INTERNODE: DI | IAMETER - central pe | erpendicular to bud (n | nm) LSD $(P \le 0.01) =$              | = 2.8                 |
| INTERNODE: SHAPE cylindrical bobbin-shaped cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green (N144A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow yellow-green yellow-green (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow (160B) (N144D) and yellow-green (151A)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak medium to strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong   | mean          |                      |                        |                                       |                       |
| cylindrical bobbin-shaped cylindrical cylindrical cylindrical  INTERNODE: CROSS-SECTION circular circular circular  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green (152A) (146A) and greyed-orange (177A) (N144A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow yellow-green yellow-green (151A) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak medium to strong weak medium to strong  | std deviation | 3.2                  | 3.6                    | 3.1                                   | 4.6                   |
| INTERNODE: CROSS-SECTION circular  CN144A) (N144A) (N144A) (N144A)  CN144A) and greyed-orange (177A)  CN174A)  CN174A)  CN174A)  CN174A)  CN174A)  CN144D) and yellow-green (151A)  CN144D) and yellow-g    | INTERNODE: SH | HAPE                 |                        |                                       |                       |
| Circular cir    |               | cylindrical          | bobbin-shaped          | cylindrical                           | cylindrical           |
| INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE EXPOSED TO SUN (RHS, 1995) yellow-green yellow-green yellow-green yellow-green (152A) (146A) and greyed-orange (177A) (N144A) and greyed-orange (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow yellow-green yellow-green (151A) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak medium to strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong   | INTERNODE: CI | ROSS-SECTION         |                        |                                       |                       |
| yellow-green (146A) and (N144A) (N144A) and greyed-orange (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow (160C) (160B) (N144D) and yellow-green (151A) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               | circular             | circular               | circular                              | circular              |
| yellow-green (146A) and (N144A) (N144A) and greyed-orange (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow (160C) (160B) (N144D) and yellow-green (151A) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  | INTERNODE: CO | OLOUR OF DEWAX       | ED INTERNODE WI        | HERE EXPOSED TO                       | ) SUN (RHS, 1995)     |
| greyed-orange (177A) (177A)  INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      |                        |                                       |                       |
| INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow yellow-green yellow-green (151A) (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      |                        |                                       |                       |
| (177A)  (INTERNODE: COLOUR OF DEWAXED INTERNODE WHERE NOT EXPOSED TO SUN (RHS, 1995) greyed-yellow greyed-yellow yellow-green yellow-green (151A) (160C) (160B) (N144D) and yellow (5D)  (INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  (INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  (INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      | greyed-orange          | · · · ·                               | greyed-orange         |
| greyed-yellow (160B) yellow-green yellow-green (151A)  (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong   |               |                      | (177A)                 |                                       | (177A)                |
| greyed-yellow (160B) yellow-green yellow-green (151A)  (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong   | INTERNODE: CO | OLOUR OF DEWAX       | ED INTERNODE WI        | HERE NOT EXPOSE                       | ED TO SUN (RHS, 1995) |
| (160C) (160B) (N144D) and yellow (5D)  INTERNODE: DEPTH OF GROWTH CRACK absent or shallow very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      |                        |                                       |                       |
| INTERNODE: DEPTH OF GROWTH CRACK absent or shallow deep shallow to medium very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      |                        |                                       | - , , , ,             |
| absent or very shallow deep shallow to medium  NTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  NTERNODE: WAXINESS medium medium to strong weak medium to strong   |               |                      |                        |                                       |                       |
| absent or very shallow deep shallow to medium  NTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  NTERNODE: WAXINESS medium medium to strong weak medium to strong   | INTERNODE: DI | EPTH OF GROWTH       | CRACK                  |                                       |                       |
| Very shallow  INTERNODE: EXPRESSION OF ZIGZAG ALIGNMENT strong strong weak to moderate strong  INTERNODE: WAXINESS medium medium to strong weak medium to strong  |               |                      |                        | deep                                  | shallow to medium     |
| strong strong weak to moderate strong  INTERNODE: WAXINESS  medium medium to strong weak medium to strong   |               | very shallow         |                        |                                       |                       |
| INTERNODE: WAXINESS medium medium to strong weak medium to strong   | INTERNODE: EX | XPRESSION OF ZIGZ    | ZAG ALIGNMENT          |                                       |                       |
| medium medium to strong weak medium to strong   |               | strong               | strong                 | weak to moderate                      | strong                |
| medium medium to strong weak medium to strong   | INTERNODE: W  | AXINESS              |                        |                                       |                       |
| <u> </u>  |               |                      | medium to strong       | weak                                  | medium to strong      |
| NODE: WIDTH OF ROOT ON BUD SIDE BAND  | NODE WEST     | DE BOOT 03:777       | IDE DANS               |                                       |                       |

NODE: WIDTH OF ROOT ON BUD SIDE BAND

|  | medium                                       | medium  | medium                  | medium                   |
|--|--|---|-------------------------|--------------------------|
| NODE: WAX RING                           | G<br>wide                                    | medium  | medium                  | medium                   |
| NODE: SHAPE OF                           | BUD EXCLUDING obovate                        | WINGS<br>rhomboid                               | obovate                 | ovate                    |
| NODE: WIDTH OF                           | F BUD EXCLUDING medium                       | WINGS   | medium                  | medium                   |
| NODE: BUD PROM                           | MINENCE<br>weak to medium                    | medium  | medium                  | weak to medium           |
| NODE: DEPTH OF                           | BUD GROOVE<br>shallow                        | shallow   | very shallow to shallow | deep                     |
| NODE: LENGTH O                           | OF BUD GROOVE medium to long                 | medium to long                                  | short                   | long                     |
| NODE: POSITION                           | OF BUD TIP IN REI                            | LATION TO GROW clearly below                    | TH RING clearly below   | intermediate             |
| NODE: BUD CUSH                           | HION<br>absent or<br>very narrow             | absent or very narrow                           | absent or very narrow   | narrow                   |
| NODE: WIDTH BU                           | JD WING<br>narrow                            | narrow to medium                                | medium                  | medium                   |
| LEAF SHEATH: Li<br>mean<br>std deviation | ENGTH (TVD Leaf)<br>31.0 <sup>a</sup><br>2.9 | (cm) LSD (P ≤ 0.01)<br>28.5 <sup>b</sup><br>1.0 | = 1.7<br>34.1°<br>1.4   | 26.1 <sup>d</sup><br>1.3 |
| LEAF SHEATH: N                           | UMBER OF HAIRS<br>many                       | (groups 57 & 60)<br>many                        | absent or very few      | few to medium            |
| LEAF SHEATH: L                           | ENGTH OF HAIRS (<br>long                     | groups 57 & 60)<br>medium to long               | n/a                     | medium                   |
| LEAF SHEATH: D                           | ISTRIBUTION OF H<br>only dorsal              | IAIRS<br>only dorsal                            | n/a                     | lateral and dorsal       |
| LEAF SHEATH: SI                          | HAPE OF LIGULE crescent-shaped               | crescent-shaped                                 | crescent-shaped         | deltoid                  |
| LEAF SHEATH: L                           | IGULE WIDTH<br>wide                          | medium to wide                                  | wide                    | medium                   |
| LEAF SHEATH: L                           | ENGTH OF LIGULE<br>short                     | HAIRS (group 61) short                          | short                   | short                    |
| LEAF SHEATH: D                           | ENSITY OF LIGULI sparse to medium            | E HAIRS (group 61)<br>medium to dense           | dense                   | medium                   |
| LEAF SHEATH: SI                          | HAPE OF UNDERLA<br>lanceolate                | APPING AURICLE lanceolate                       | deltoid                 | deltoid                  |

LEAF SHEATH: SIZE OF UNDERLAPPING AURICLE small to medium

LEAF SHEATH: SHAPE OF OVERLAPPING AURICLE transitional transitional deltoid deltoid

small to medium

small

LEAF SHEATH: SIZE OF OVERLAPPING AURICLE

small to medium small

small

LEAF BLADE: CURVATURE

curved tips curved tips curved tips arched

LEAF BLADE: LAMINA LENGTH (TVD Leaf) (m) LSD ( $P \le 0.01$ ) = 0.12

1.62<sup>a</sup> 1.66<sup>a</sup>  $1.37^{\rm b}$ mean  $1.55^{a}$ std deviation 0.22 0.07 0.08 0.10

LEAF BLADE: WIDTH AT THE LONGITUDINAL MID-POINT (TVD Leaf) (mm) LSD ( $P \le 0.01$ ) = 3.6

42.8a  $43.5^{a}$ 53.9<sup>b</sup> 44.6a mean std deviation 3.2 3.5 5.0 2.2

LEAF BLADE: PUBESCENCE ON MARGIN

dense sparse medium to dense medium

LEAF BLADE: SERRATION OF MARGIN

present present present present

LEAF: MIDRIB WIDTH (Longitudinal Mid-point) (mm) LSD ( $P \le 0.01$ ) = 0.6

 $4.5^{b}$  $3.8^{a}$  $4.2^{a,b}$ 5.6<sup>c</sup> std deviation 0.6 0.5 0.4 0.7

LEAF: RATIO OF LEAF BLADE WIDTH/MIDRIB WIDTH

medium medium medium medium

Means followed by the same letter are not significantly different at  $P \le 0.01$ , Duncan's Multiple Range

# Sugarcane (Saccharum hybrid)

Variety: 'Q217' Synonym: N/A

**Application no:** 2004/245 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Aug-2004 **Accepted:** 24-Aug-2004

Granted: N/A

Description

published in Volume Plant Varieties

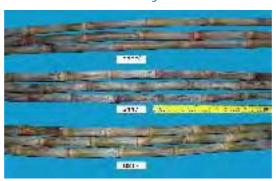
Volume 18, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383



Saccharum hybrid

Sugarcane

## **'O217'**

Application No: 2004/245 Accepted: 24 Aug 2004. Applicant: **BSES Limited**, Indooroopilly, QLD.

Characteristics Ploidy: cytologically complex polyploid and aneuploid interspecific hybrid. Plant: stool growth habit intermediate, adherence of leaf sheath weak to medium, tillering strong, number of suckers very few, leaf canopy medium. Culm: height (base to TVD leaf) short with mean length approximately 2.24m (range 1.67 to 2.65m). Internode: length on the bud side short with mean length approximately 15.5cm (range 12.2 to 19.5cm), diameter thick with mean approximately 32.5mm (range 23.1 to 39.8mm), shape bobbin-shaped, cross-section ovate, colour of dewaxed internode where exposed to sun yellow-green (146A), colour of dewaxed internode where not exposed to sun greyed-yellow (160A), depth of growth crack medium to deep, expression of zigzag alignment moderate to strong, waxiness medium to strong. Node: width of root band on bud side medium (mean 10.6mm), wax ring medium, shape of bud excluding wings rhomboid, width of bud excluding wings medium (mean 6.7mm), bud prominence weak, depth of bud groove shallow, length of bud groove long, position of bud tip in relation to growth ring clearly below, bud cushion absent or very narrow to narrow, width of bud wing medium. Leaf sheath: length (TVD leaf) medium with mean length approximately 31.7cm (range 29.0 to 33.0cm), number of hairs (groups 57 and 60) many, length of hairs (groups 57 and 60) short to medium, shape of ligule crescent-shaped, ligule width medium to wide, length of ligule hairs (group 61) short to medium, density of ligule hairs (group 61) medium, shape of underlapping auricle lanceolate, size of underlapping auricle small, shape of overlapping auricle deltoid, size of overlapping auricle small. Leaf blade: curvature straight, lamina length at TVD leaf medium with mean approximately 1.57m (range 1.30 to 1.73m), width at the longitudinal midpoint (TVD leaf) medium with mean width approximately 45.1mm (range 37.5 to 49.9mm), pubescence on margin sparse, serration of margin present. Leaf: midrib width medium with mean approximately 4.8mm (range 3.9 to 5.8mm), ratio leaf blade width/midrib width medium (mean 9.5). Inflorescence: open panicle. Flowering: discontinuous. Seed or fruit: caryopsis. Disease resistance: resistance to Leaf Scald very high, and resistance to intermediate to Pachymetra Root Rot resistant. Other characteristics; fibre quantity and quality are acceptable for milling purposes (impact reading 0.4, shear strength 32, short fibre 63%). 'Q217' was uniquely identified by DNA fingerprinting using microsatellite markers, and did not match any other current sugarcane DNA profile.

Origin and Breeding Controlled pollination: seed parent 'Q117' × pollen parent '66N2008' in a planned breeding program at Meringa (Gordonvale), QLD. Seed was collected from the pollinated female inflorescence and stored for germination in 1980. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the yield trials for comparative purposes. Selection criteria: cane yield, ccs, and sugar yield have been the main selection criteria. Disease resistance screening was conducted at the pathology farm (Woodford), in the Tully glasshouse, and in field trials in Indonesia and the Ord River region. Propagation: after an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. Breeder: BSES Limited.

Choice of Comparators 'Q117' and 'Q200' were chosen as the comparators for 'Q217' based on their similar states of expression for the following grouping characteristics: Internode: colour where not exposed to sun (characteristic 13); Node: shape of bud (characteristic 21). 'Q117' is also the seed parent of 'Q217'. 'Q217' is not compared with its pollen parent '66N2008' as it has been discarded from the parent collection. 'Q217' is very highly resistant to Leaf Scald, and resistant to intermediate to Pachymetra Root Rot, compared with '66N2008' which is highly resistant to Leaf Scald, and intermediate to susceptible to Pachymetra Root Rot.

**Comparative Trial** Location: conducted at Meringa BSES Limited (17°12′ S, 145°45′ E), Gordonvale, QLD. The trial was planted 14 Aug 2003 and harvested in Sep 2004. DUS data were

recorded in May 2003. Conditions: clones were propagated from vegetative cuttings and grown under field conditions. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Edmonton series. Watering regime: Rainfed. Chemicals: The fungicide Shirtan was applied at 400 ml per hectare at planting. Diurex (4 kg/ha) was applied on 15 Jan 2004 to control weeds. Fertilisers: DAP (120 kg/ha) was applied at planting, and CK 50/50 (367 kg/ha) was applied on 18 Nov 2003. Total nutrients were: N – 107.6 kg/ha; P – 24 kg/ha; K – 86 kg/ha. Trial design: Clones were grown in a randomised complete block design with three replicates. Plots were single row by 10 m, with 1.5 m between rows. Measurements: Taken from up to 10 stalks sampled randomly per plot.

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

No prior application. First Australian sale Jul 2004.

Description: Dr George Piperidis, BSES Limited, Mackay, QLD

## Table Saccharum varieties

|                      | 'Q217'                               | *'Q117'                  | *'Q200 <sup>©</sup> '  |
|----------------------|--------------------------------------|--------------------------|------------------------|
| PLANT: STOOL GRO     | OWTH HABIT                           |                          |                        |
|                      | intermediate                         | semi-erect               | intermediate           |
| PLANT: ADHERENC      | E OF LEAF SHEATH                     |                          |                        |
|                      | weak to medium                       | weak to medium           | weak to medium         |
| PLANT: TILLERING     |                                      |                          |                        |
|                      | strong                               | medium                   | strong                 |
| PLANT: NUMBER O      | F SUCKERS                            |                          |                        |
|                      | very few                             | very few                 | very few               |
| PLANT: LEAF CANC     | OPY                                  |                          |                        |
|                      | medium                               | sparse to medium         | medium                 |
| CULM: HEIGHT (bas    | e to TVD leaf) (m) LSD (P \le \cdots |                          |                        |
| mean                 | 2.24 <sup>a</sup>                    | $2.48^{a,b}$             | 2.53 <sup>b</sup>      |
| std deviation        | 0.19                                 | 0.16                     | 0.22                   |
| INTERNODE: LENG      | TH ON THE BUD SIDE (cm               |                          |                        |
| mean                 | 15.5 <sup>a,b</sup>                  | 14.4 <sup>a</sup>        | 17.2 <sup>b</sup>      |
| std deviation        | 1.9                                  | 1.5                      | 1.2                    |
| INTERNODE: DIAMI     | ETER – central perpendicular         |                          |                        |
| mean                 | 32.5 <sup>a</sup>                    | $30.2^{a}$               | 23.3 <sup>b</sup>      |
| std deviation        | 3.9                                  | 3.6                      | 2.3                    |
| INTERNODE: SHAPI     |                                      |                          |                        |
|                      | bobbin-shaped                        | bobbin-shaped            | conoidal               |
| INTERNODE: CROSS     | S-SECTION                            |                          |                        |
|                      | ovate                                | circular                 | circular               |
| INTERNODE: COLO      | UR OF DEWAXED INTERN                 | NODE WHERE EXPOSED       | TO SUN (RHS, 1995)     |
|                      | yellow-green                         | yellow-green (146A)      | greyed-brown           |
|                      | (146A)                               | and greyed-orange (177A) | (N199B)                |
| INITEDNIODE: COLO    | UR OF DEWAXED INTERN                 | NODE WHEDE NOT EVPO      | SED TO SIM (DUS 1005)  |
| INTERNODE, COLO      | greyed-yellow                        | greyed-yellow            | greyed-yellow          |
|                      | (160A)                               | (160B)                   | (160A)                 |
| <br>INTERNODE: DEPTH | H OF GROWTH CRACK                    |                          |                        |
|                      | medium to deep                       | shallow                  | absent or very shallow |
| INTERNODE: EXPRI     | ESSION OF ZIGZAG ALIG                | NMENT                    |                        |
|                      | moderate to strong                   | strong                   | weak to moderate       |
|                      | NECC                                 |                          |                        |
| INTERNODE: WAXI      | NESS                                 |                          |                        |
| INTERNODE: WAXI      | medium to strong                     | medium to strong         | weak to medium         |
|                      |                                      |                          | weak to medium         |

|                      | medium                              | medium                    | wide                     |
|----------------------|-------------------------------------|---------------------------|--------------------------|
| NODE: SHAPE OF BUD   | rhomboid                            | rhomboid                  | rectangular              |
| NODE: WIDTH OF BUD   | EXCLUDING WINGS medium              | medium                    | medium                   |
| NODE: BUD PROMINEN   | NCE                                 |                           |                          |
|                      | weak                                | medium                    | strong                   |
| NODE: DEPTH OF BUD   |                                     |                           |                          |
|                      | shallow                             | shallow                   | shallow to medium        |
| NODE: LENGTH OF BU   | D GROOVE                            |                           |                          |
|                      | long                                | medium to long            | medium                   |
| NODE: POSITION OF BU | UD TIP IN RELATION TO clearly below | GROWTH RING clearly below | intermediate             |
| NODE: BUD CUSHION    |                                     |                           |                          |
|                      | absent or very narrow to narrow     | absent or very narrow     | absent or very narrow    |
| NODE: WIDTH BUD WI   | NG                                  |                           |                          |
|                      | medium                              | narrow to medium          | narrow                   |
| LEAF SHEATH: LENGT   | H (TVD Leaf) (cm) LSD (P            |                           |                          |
| mean                 | 31.7 <sup>a</sup><br>1.0            | 28.5 <sup>b</sup><br>1.0  | 27.2 <sup>b</sup><br>1.4 |
| std deviation        | 1.0                                 | 1.0                       | 1.4                      |
| LEAF SHEATH: NUMBE   | ER OF HAIRS (groups 57 &            | 60)                       |                          |
|                      | many                                | many                      | few                      |
| LEAF SHEATH: LENGT   | H OF HAIRS (groups 57 & c           | 60)                       |                          |
|                      | short to medium                     | medium to long            | medium                   |
| LEAF SHEATH: DISTRI  | RUTION OF HAIRS                     |                           |                          |
| LLM SHLMIII. DISTRI  | only dorsal                         | only dorsal               | only dorsal              |
| I EAE CHEATH CHAPE   | OF LIGHT F                          |                           |                          |
| LEAF SHEATH: SHAPE   | of Ligute crescent-shaped           | crescent-shaped           | crescent-shaped          |
|                      | <u>-</u>                            | erescent snaped           | crescent shaped          |
| LEAF SHEATH: LIGULE  |                                     |                           | 12 4 2.1                 |
|                      | medium to wide                      | medium to wide            | medium to wide           |
| LEAF SHEATH: LENGT   | H OF LIGULE HAIRS (grou             |                           |                          |
|                      | short to medium                     | short                     | short                    |
| LEAF SHEATH: DENSIT  | ΓΥ OF LIGULE HAIRS (gro             | oup 61)                   |                          |
|                      | medium                              | medium to dense           | dense                    |
| LEAF SHEATH: SHAPE   | OF UNDERLAPPING AUR                 |                           |                          |
|                      | lanceolate                          | lanceolate                | transitional             |
| LEAF SHEATH: SIZE OI | F UNDERLAPPING AURIC                | CLE                       |                          |
|                      | small                               | small                     | n/a                      |
|                      |                                     |                           |                          |

LEAF SHEATH: SHAPE OF OVERLAPPING AURICLE

|                      | deltoid                    | transitional                | transitional       |
|----------------------|----------------------------|-----------------------------|--------------------|
| LEAF SHEATH: SIZE OF | OVERLAPPING AURICL         | E                           |                    |
|                      | small                      | n/a                         | n/a                |
| LEAF BLADE: CURVAT   | URE                        |                             |                    |
|                      | straight                   | curved tips                 | curved tips        |
| LEAF BLADE: LAMINA   | LENGTH (TVD Leaf) (m)      | LSD $(P \le 0.01) = 0.12$   |                    |
| mean                 | 1.57 <sup>a</sup>          | 1.55 <sup>a</sup>           | 1.34 <sup>b</sup>  |
| std deviation        | 0.10                       | 0.07                        | 0.11               |
| LEAF BLADE: WIDTH A  | T THE LONGITUDINAL I       | MID-POINT (TVD Leaf) (m     |                    |
| mean                 | 45.1 <sup>a</sup>          | 43.5 <sup>a</sup>           | 38.9 <sup>b</sup>  |
| std deviation        | 2.8                        | 2.2                         | 3.4                |
| LEAF BLADE: PUBESCE  | ENCE ON MARGIN             |                             |                    |
|                      | sparse                     | sparse                      | medium             |
| LEAF BLADE: SERRATI  | ON OF MARGIN               |                             |                    |
|                      | present                    | present                     | present            |
| LEAF: MIDRIB WIDTH ( | Longitudinal Mid-point) (m | m) LSD $(P \le 0.01) = 0.6$ |                    |
| mean                 | 4.8 <sup>a</sup>           | $4.2^{a,b}$                 | $3.8^{\mathrm{b}}$ |
| std deviation        | 0.5                        | 0.5                         | 0.7                |
| LEAF: RATIO OF LEAF  | BLADE WIDTH/MIDRIB V       | WIDTH                       |                    |
|                      | medium                     | medium                      | medium             |
|                      |                            |                             |                    |

Means followed by the same letter are not significantly different at P  $\leq$  0.01, Duncan's Multiple Range

# Canola (Brassica napus)

Variety: 'Boomer'

Synonym: N/A

**Application no:** 2004/265 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Sep-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Canola Breeders Western Australia Pty Ltd

Agent: N/A

**Telephone**: 0892858087 **Fax**: 0893874388



Brassica napus

Canola

#### 'Boomer'

Application No: 2004/265 Accepted: 28 Jan 2005.

Applicant: Canola Breeders Western Australia Pty Ltd, Perth, WA

Characteristics Seed: erucic acid absent, colour black, canola quality. Cotyledon: width wide (average 23 mm), length long (average 15 mm). Plant: growth habit bushy, height at full flowering medium (average 115 cm). Leaf: green colour dark, lobes present, number of lobes 2.8, dentation of margin medium. Time of flowering: medium (82 days after sowing). Flower: colour of petals yellow, length of petals medium (average 15 mm), width of petals medium (average 8 mm). Siliqua: length short (average 60 mm), length of beak short (average 9 mm). Herbicide tolerance: tolerance to triazine present. Blackleg resistance: moderate to high.

Origin and Breeding Controlled pollination: seed parent 'Karoo' x pollen parent 'Varola 50' syn 'Surpass 400'. The seed parent is characterised by smaller cotyledons, lighter leaf colour and wider petals. The pollen parent is characterised by smaller cotyledons, later flowering time, larger petals, taller plant height, longer pods and triazine sensitivity. The cross took place in Perth, Western Australia in 2000. 'Boomer' was developed by doubled haploid microspore tissue culture from the F<sub>1</sub> of this cross in 2001 and chosen in 2003 on the basis of triazine tolerance, early to mid-season flowering, and high blackleg resistance. Selection criteria: triazine tolerance, blackleg resistance, maturity, oil and protein content, yield and seed size under medium rainfall conditions. Propagation: by seed in pure seed tents in early generations and isolated field plots in later generations, in which plants were found to be uniform and stable. Breeder: Wallace A. Cowling, Canola Breeders Western Australia Pty Ltd, Perth, WA, Australia.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge were – Blackleg resistance: moderately resistant, Herbicide resistance: tolerant to triazine, Seed size: large size seeds. On the basis of these grouping characteristics following comparator varieties were included in the trial: 'Karoo', 'Varola 50' syn 'Surpass 400', and 'Tribune'.

**Comparative Trial** Location: trial was conducted at Shenton Park, Perth, WA, sown on 28 May 2004. Conditions: Sown in seedling trays and transplanted to field at 39 days old, then normal agronomic practices were employed. Trial design: randomised complete blocks with three replicates, with at least 70 plants per replicate. Measurements: three replicates were sampled to provide 20 random samples per replication. One sample per plant.

## Prior Applications and Sales Nil.

Description: Milton R Sanders, Canola Breeders Western Australia Pty Ltd, South Perth, WA.

# ${\bf Table}\ {\it Brassica}\ {\it napus}\ {\bf varieties}$

|               | 'Boomer'          | *'Karoo'            | *'Surpass 400' | *'Tribune' |
|---------------|-------------------|---------------------|----------------|------------|
| LEAF: GREEN ( | COLOUR            |                     |                |            |
|               | dark              | medium              | dark           | medium     |
| PLANTS: PERC  | ENTAGE WITH L     | EAF LOBES           |                |            |
|               | 75                | 72                  | 98             | 96         |
| LEAF: NUMBEI  | R OF LOBES        |                     |                |            |
| mean          | 2.8               | 2.7                 | 2.9            | 3.1        |
| LEAF: DENTAT  | ION OF MARGIN     |                     |                |            |
|               | medium            | medium              | weak           | medium     |
| TIME OF FLOW  | ERING (days after | sowing: 28/05/04 at | Perth, WA)     |            |
| mean          | 82                | 83                  | 91             | 95         |
| FLOWER: LENG  | GTH OF PETALS (   | mm)                 |                |            |
| mean          | 14.8              | 15.1                | 16.7           | 15.5       |
| std deviation | 0.5               | 0.6                 | 0.9            | 0.6        |
| LSD/sig       | 0.8               | ns                  | P≤0.01         | ns         |
| FLOWER: WID   | ΓΗ OF PETALS (m   | m)                  |                |            |
| mean          | 7.9               | 8.5                 | 8.9            | 8.3        |
| std deviation | 0.6               | 0.8                 | 0.6            | 0.6        |
| LSD/sig       | 0.5               | P≤0.01              | P≤0.01         | ns         |
| PLANT: HEIGH  | T (cm)            |                     |                |            |
| mean          | 116.0             | 113.2               | 139.9          | 131.4      |
| std deviation | 10.1              | 15.5                | 10.5           | 8.0        |
| LSD/sig       | 14.5              | ns                  | P≤0.01         | P≤0.01     |
| PLANT: LENGT  | TH (cm)           |                     |                |            |
| mean          | 75.0              | 47.9                | 79.5           | 73.6       |
| std deviation | 15.2              | 14.7                | 20.0           | 17.9       |
| LSD/sig       | 23.6              | P≤0.01              | ns             | ns         |
| SILIQUA: LENC |                   |                     |                |            |
| mean          | 60.1              | 61.7                | 67.5           | 78.8       |
| std deviation | 3.6               | 5.9                 | 3.9            | 5.1        |
| LSD/sig       | 5.3               | ns                  | P≤0.01         | P≤0.01     |
| SILIQUA: LENC | GTH OF BEAK (mr   |                     |                |            |
| mean          | 9.4               | 10.2                | 11.8           | 16.6       |
| std deviation | 1.1               | 1.7                 | 1.4            | 1.6        |
| LSD/sig       | 1.6               | ns                  | P≤0.01         | P≤0.01     |

# Rose (Rosa hybrid)

Variety: 'Ruiy5451'

Synonym: N/A

**Application no:** 2003/357 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 18-Dec-2003 **Accepted:** 24-Dec-2003

Granted: N/A

Description

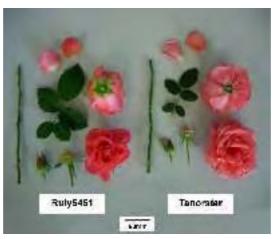
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Volume 18, Issue 1

Journal:

**Title Holder:** De Ruiter's Nieuwe Rozen B.V. **Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576



Rosa hybrid

Rose

## 'Ruiy5451'

Application No: 2003/357 Accepted: 24 Dec 2003.

Applicant: **De Ruiter's Nieuwe Rozen B.V.** De Kwakel, The Netherlands

Agent: Grandiflora Nurseries Pty Ltd, Skye, VIC.

Characteristics Plant: growth habit narrow bushy, height tall, width narrow. Young shoot: anthocyanin colouration medium, hue of anthocyanin colouration bronze. Prickles: present, shape of lower side concave. Short prickles: number many. Long prickles: number many. Leaf: size large, green colour medium, glossiness of upper side medium. Leaflet: cross section slight concave, undulation of margin weak. Terminal leaflet: length of blade long (mean 86.74mm), width of blade broad (mean 61.4mm), shape of base rounded. Flowering shoot: number of flowers very few. Flower pedicel: number of prickles absent or very few. Flower bud: shape of longitudinal section ovate. Flower: type double, number of petals medium (mean 25), diameter large (mean 117.86mm), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part flat, fragrance weak. Sepal: extensions strong. Petal: size large (mean width 55.58mm), colour of middle zone of inner side orange (RHS 32C), colour of marginal zone of inner side pink (RHS 52C), spot at base of inner side present, size of spot at base of inner side small, colour of spot at base of inner side yellow (RHS 1D), colour of middle zone of outer side orange (RHS 32D), colour of marginal zone of outer side pink (RHS 52D), spot at base of outer side present, size of spot at base of outer side small, colour of spot at base of outer side yellow (RHS 2D), reflexing of margin weak, undulation of margin absent or very weak. Outer stamen: predominant colour of filament orange. Inner style: predominant colour yellow. Stigma: height of in relation to anthers above. Seed vessel: size at petal fall medium. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering (fully open flowers): medium. Flowering: habit almost continuous flowering. (Note: all RHS colour chart numbers refer to 1995 edition.)

**Origin and Breeding** Controlled pollination: seed parent 'Pannaran' x pollen parent 'Ruizal'. The seed parent is characterised by its orange/pink blend flowers. The pollen parent is characterised by its salmon-pink flowers. Hybridisation took place in De Kwakel, The Netherlands, in 1999. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: free flowering, flower size, stem length and production, suitability in greenhouse conditions for cut flower production. Propagation: a number mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. 'Ruiy5451' will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: Mr H.C.A. De Groot, De Kwakel, The Netherlands.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth habit narrow bushy to bushy, height tall. Flower: colour orange/pink, diameter large. On the basis of these grouping characteristics the following comparator variety was included in the trial: 'Tanorstar'. 'Pannaran' was originally considered and later rejected due to flower colour being of a different orange (RHS 23C/28C), and plant height being medium.

Comparative Trial Location: Clyde, VIC (Latitude 38°09′ South, elevation 16m), summer 2003, measurements taken late Jan. Conditions: trial conducted in an open double skinned polyhouse under a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 16 and 33 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot), filled with co-co coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required. Trial design: nine 210mm pots of 'Ruiy5451' and 'Tanorstar' on benches. Measurements: from plants at random. One sample per plant stem.

## **Prior Applications and Sales**

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| EU      | 2002 | Granted               | 'Ruiy5451'   |

| Poland | 2002 | Withdrawn | 'Ruiy5451' |
|--------|------|-----------|------------|
| USA    | 2003 | Applied   | 'Ruiy5451' |

First overseas sale The Netherlands, Aug 2002. First Australian sale Feb 2004.

 $Description: \textbf{Christopher Prescott}, Prescott Roses \ Pty \ Ltd, \ Clyde, \ VIC.$ 

|                         | 'Ruiy5451'                                | *'Tanorstar'            |
|-------------------------|---|-------------------------|
| VOLDIC GLOCE ANTI       |   |                         |
| YOUNG SHOOT: ANTE       | HOCYANIN COLOURATIO<br>medium             | JN<br>weak              |
|                         |   |                         |
| YOUNG SHOOT: HUE        |   |                         |
|                         | bronze                                    | reddish brown to purple |
| LONG PRICKLES: NUM      | MBER                                      |                         |
|                         | many                                      | many                    |
| LEAF SIZE               |   |                         |
| LEAF SIZE               | large                                     | medium                  |
| <del></del>             |   |                         |
| LEAF: GREEN COLOU       |   | P. 1.                   |
|                         | medium                                    | light                   |
| LEAF: GLOSSINESS OF     | F UPPERSIDE                               |                         |
|                         | medium                                    | weak                    |
|                         | 01.001.645.001                            |                         |
| LEAFLET: UNDULATION     |   | vory week               |
|                         | weak                                      | very weak               |
| FLOWERING SHOOT: 1      | NUMBER OF FLOWERS                         |                         |
|                         | very few                                  | medium                  |
| ELOWED DEDICEL NU       | MADED OF HAIDS OF DDIA                    | OVI EG                  |
| FLOWER PEDICEL: NU      | MBER OF HAIRS OR PRICE absent or very few | few                     |
|                         | absent of very lew                        | iew                     |
| FLOWER: NUMBER OF       | FPETALS                                   |                         |
| mean                    | 25  | 35                      |
| std deviation           | 1.41                                      | 5.26                    |
| LSD/sig                 | 9.13                                      | P≤0.01                  |
| FLOWER: VIEW FROM       | I ABOVE                                   |                         |
| 120 ((211, (12), 1110)) | irregularly round                         | round                   |
|                         |   |                         |
| SEPAL: EXTENSIONS       |   | 1:                      |
|                         | strong                                    | medium                  |
| PETAL: SIZE             |   |                         |
|                         | large                                     | medium                  |
| DETAIL COLOUR OF N      | UDDI E ZOVE OF DAVED                      | CIDE (BUG 1005)         |
| PETAL: COLOUR OF M      | SIDDLE ZONE OF INNER S<br>32C             | SIDE (RHS, 1995)<br>39B |
|                         | 32C                                       | 370                     |
| PETAL: COLOUR OF S      | POT AT BASE OF INNER                      | SIDE (RHS, 1995)        |
|                         | 1D  | 4C                      |
| DETAL COLOUD OF M       | IIDDI E ZONE OF OUTER                     | SIDE (BUS 1005)         |
| FETAL: CULUUK UF M      | IIDDLE ZONE OF OUTER 32D                  | 49A-B                   |
|                         |   |                         |
| PETAL: COLOUR OF M      | IARGINAL ZONE OF OUT                      | TER SIDE (RHS, 1995)    |
|                         | 52D                                       | 49A                     |
| DETAI - COLOUD OF ST    | DOT AT DACE OF OUTER                      | SIDE (DUS 1005)         |
| TETAL, COLOUR OF S      | POT AT BASE OF OUTER<br>2D                | 155A                    |
|                         |   | 10011                   |
| PETAL: UNDULATION       |   |                         |
|                         | absent or very weak                       | weak                    |
|                         |   |                         |

| OUTER STAMEN: PRED   | OMINANT COLOUR OF F<br>orange | FILAMENT<br>pink |
|----------------------|-------------------------------|------------------|
| SEED VESSEL: SIZE AT | PETAL FALL medium             | very small       |
| HIP: SHAPE OF LONGIT | UDINAL SECTION pitcher-shaped | funnel-shaped    |

## Onion (Allium cepa)

Variety: 'Favara 115'

Synonym: N/A

**Application no:** 2002/334 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 20-Nov-2002 **Accepted:** 02-Jul-2004

Granted: N/A

Description

published in Plant Varieties

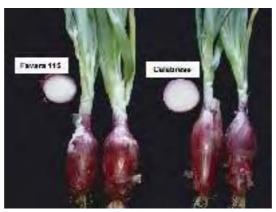
Volume 18, Issue 1

Journal:

Title Holder: Favara Farming Pty Ltd

Agent: N/A

**Telephone**: 0358861593 **Fax**: 0358861854



Allium cepa

Onion

#### 'Favara 115'

Application No: 2002/334 Accepted: 2 Jul 2004. Applicant: **Favara Farming Pty Ltd,** Jerilderie, NSW.

Characteristics Plant: number of leaves per pseudostem many (9-12). Foliage: attitude erect, waxiness strong, green colour medium-dark, cranking absent or very weak. Leaf: length long, diameter large. Pseudostem: length ( up to highest green leaf) very long, diameter (at mid point of length) large. Bulb: splitting into bulblets (with dry skin around each bulblet) present, size medium to large, diameter 62.04mm, height tall, length 113.51mm, diameter medium, ratio height/diameter medium, shape of top (in longitudental section) strongly sloping. Bulb/Bulblet: position of maximum diameter towards apex, width of neck medium-broad, general shape (in longitudental section) obovate, shape of base (in longitudental section) weakly tapered, adherence of dry skin after harvest strong, thickness of dry skin medium, basic colour of dry skin purple (RHS N79A), intensity of basic colour of dry skin dark, hue of colour of dry skin ( in addition to basic colour) absent, colouration of epidermis of fleshy scales purplish, number of axes many, dry matter content high. Tendency to bolting in spring sown trials absent or very weak. Time of harvest maturity for spring sown trials: medium. Time of sprouting during storage: medium to late. Male sterility: absent or weakly expressed. (All RHS observations were done using 2001 edition of RHS colour chart.)

**Origin and Breeding** Open pollination: seed parent 'Calabresi'. Possible male parent is 'Oaklands Red'. The seed parent 'Calabresi' produces longer bulbs, the shape of which is elliptic. The putative male parent 'Oaklands Red' produces bulbs circular in shape. Selection criteria: skin and flesh colour and longer shelf life. Propagation: seed. The variety has been grown for many generations to confirm uniformity and stability. Breeder: Gaetano Gurciullo, Jerilderie, NSW.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Bulb: size medium to large, dry skin colour purple, hue of colour dry skin absent. Based on these characteristics, the seed parent 'Calabresi' was considered as the most similar variety of common knowledge. The other purple skin onion variety 'Oaklands Red' was rejected because it has round bulb shape.

**Comparative Trial** Location: Jerilderie, NSW during August 2004 – February 2005. Conditions: grown in raised beds of 1.67m length, soil type clay to loam, in 4 rows 25cm apart and plants spaced 5cm apart within rows. Trial design: unreplicated plots. Observations were done on more than 100 plants and measurements were done on 15-20 plant parts at random.

Prior Applications and Sales Nil.

Description: Gaetano Gurciullo, Jerilderie, NSW.

## Table Allium varieties

|                          | 'Favara 115'                          | *'Calabresi'           |
|--------------------------|---------------------------------------|------------------------|
| DI ANT. NIIMADED OF T    | CAVEGUED BOLLIDOGERA                  |                        |
| PLANT: NUMBER OF L       | EAVES PER PSEUDOSTEM many (9-12)      | many (7-10)            |
|                          | many (5 12)                           |                        |
| FOLIAGE: ATTITUDE        |                                       |                        |
|                          | erect                                 | erect                  |
| FOLIAGE: WAXINESS        |                                       |                        |
| TOLINGE. WIMINESS        | strong                                | medium                 |
|                          |                                       |                        |
| FOLIAGE: GREEN COL       |                                       | 1 1                    |
|                          | medium to dark                        | dark                   |
| FOLIAGE: CRANKING        |                                       |                        |
|                          | absent or v.weak                      | absent or very weak    |
|                          |                                       |                        |
| LEAF: LENGTH             | long                                  | medium                 |
|                          | long                                  | meann                  |
| LEAF: DIAMETER           |                                       |                        |
|                          | large                                 | medium                 |
| DODLID COMEN ( LENGTH    | U (III) TO III OHECT OPERATE          | A EV                   |
| PSEUDOSTEM: LENGTI       | H ( UP TO HIGHEST GREEN LE. very long | AF)<br>long            |
|                          | vory long                             | iong                   |
| PSEUDOSTEM: (DIAME       | TER AT MID POINT OF LENGT             | TH)                    |
| `                        | large                                 | medium                 |
| DIII D. ODI ITTINIO INTO | DIII DI ETC / WITH DDV GVD            | ADOUND EACH DIE DE EEN |
| BULB: SPLITTING INTO     | ) BULBLETS ( WITH DRY SKIN present    | present                |
|                          | propont                               | prosent                |
| BULB:SIZE                |                                       |                        |
|                          | medium-large                          | medium                 |
| BULB: DIAMETER (mm       | <u> </u>                              |                        |
| mean                     | 62.04                                 | 61.89                  |
| std deviation            | 7.92                                  | 10.45                  |
| LSD/sig                  | 10.63                                 | ns                     |
| DILL D. LIELCHE          |                                       |                        |
| BULB: HEIGHT             | tall                                  | tall                   |
|                          | tan                                   | tan                    |
| BULB LENGTH (mm)         |                                       |                        |
| mean                     | 113.51                                | 129.52                 |
| std deviation            | 9.62                                  | 15.2                   |
| LSD/sig                  | 14.92                                 | P≤0.01                 |
| BULB: DIAMETER           |                                       |                        |
| ZUDD, DII IIII I DIN     | medium                                | medium                 |
|                          |                                       |                        |
| BULB: RATIO HEIGHT/      |                                       | 1.                     |
|                          | medium                                | medium                 |
| BULB:SHAPE OF TOP (      | IN LONGITUDENTAL SECTION              | ()                     |
| 2022.0111112 01 101 (1   | strongly sloping                      | strongly sloping       |
|                          |                                       |                        |
| BULB/BULBLET: POSIT      | TION OF MAXIMUM DIAMETER              |                        |
|                          | towards apex                          | at middle              |
| BULB/BULBLET WIDTI       | H OF NECK                             |                        |
| ZODD, ZODDDDI WIDII      | medium-broad                          | medium                 |
|                          |                                       |                        |

BULB/BULBLET: GENERAL SHAPE (IN LONGITUDENTAL SECTION) obovate ovate

BULB/BULBLET: SHAPE OF BASE (IN LONGITUDENTAL SECTION)

weakly tapered strongly tapered

BULB/BULBLET: ADHERENCE OF DRY SKIN AFTER HARVEST

strong w

BULB/BULBLET: THICKNESS OF DRY SKIN

medium medium

BULB/BULBLET: BASIC COLOUR OF DRY SKIN

dark

purple (RHS N79A) purple (RHS N79A)

BULB/BULBLET: INTENSITY OF BASIC COLOUR OF DRY SKIN

dark

BULB/BULBLET: HUE OF COLOUR OF DRY SKIN (IN ADDITION TO BASIC COLOUR)

absent absent

BULB/BULBLET: COLOURATION OF EPIDERMIS OF FLESHY SCALES

purplish purplish

BULB/BULBLET: NUMBER OF AXES

many (10-12) many (8-10)

BULB/BULBLET: DRY MATTER CONTENT

high medium

TENDENCY TO BOLTING IN SPRING SOWN TRIALS

absent or very weak absent or very weak

TIME OF HARVEST MATURITY FOR SPRING SOWN TRIALS

medium medium

TIME OF SPROUTING DURING STORAGE

medium to late early

MALE STERILITY

absent or weakly expressed absent or weakly expressed

## Onion (Allium cepa)

Variety: 'Favara 110'

Synonym: N/A

**Application no:** 1999/205 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 15-Jul-1999 **Accepted:** 20-Jul-1999

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Gaetano Gurciullo

Agent: N/A

**Telephone**: 0358861593 **Fax**: 0358861854



Allium cepa

Onion

#### 'Favara 110'

Application No: 1999/205 Accepted: 20 Jul 1999. Applicant: **Gaetano Gurciullo,** Jerilderie, NSW.

Characteristics Plant: number of leaves per pseudostem medium (9-12). Foliage: attitude erect, waxiness medium, green colour light, cranking medium. Leaf: length long, diameter large. Pseudostem: length ( up to highest green leaf) long, diameter (at mid point of length) large. Bulb: splitting into bulblets (with dry skin around each bulblet) present, size medium to large, diameter 87.83mm, height medium (82.95mm), diameter medium, ratio height/diameter medium, shape of top (in longitudental section) rounded. Bulb/Bulblet: position of maximum diameter at middle, width of neck medium to broad, general shape (in longitudental section) rhombic, shape of base (in longitudental section) round, adherence of dry skin after harvest strong, thickness of dry skin medium, basic colour of dry skin bronze, intensity of basic colour of dry skin medium, hue of colour of dry skin (in addition to basic colour) absent, colouration of epidermis of fleshy scales absent, number of axes many (9-10), dry matter content medium. Tendency to bolting in spring sown trials: strong. Time of beginning of bolting in spring sown trials: late. Tendency to bolting in autumn sown trials: absent or very weak. Time of harvest maturity for spring sown trials: medium. Time of sprouting during storage: medium. Male sterility: absent or weakly expressed

**Origin and Breeding** Open pollination: seed parent 'Cream Gold'. Possible male parent is 'Pricetaker'. The seed parent 'Cream Gold' produces bulbs circular in shape having no or weak tendency to bolt in spring sown crop and strong pungency. The putative male parent 'Pricetaker' has very thin skin and poorer shelf life than 'Favara 110'. Selection criteria: longer shelf life and mild pungency. Propagation: seed. The variety has been grown for many generations to confirm uniformity and stability. Breeder: Gaetano Gurciullo, Jerilderie, NSW.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Bulb: size medium to large, position of maximum diameter at middle, dry skin colour bronze to brown, hue of colour dry skin absent. Based on these characteristics, the seed parent 'Cream Gold' was considered as the most similar variety of common knowledge. 'Pricetaker' was rejected because it has poorer skin and poorer storage life.

**Comparative Trial** Location: Jerilderie, NSW during August 2004 – February 2005. Conditions: grown in raised beds of 1.67m length, soil type clay to loam, in 4 rows 25cm apart and plants spaced 5cm apart within rows. Trial design: unreplicated plots. Observations were done on more than 100 plants and measurements were done on 15-20 plant parts at random.

Prior Applications and Sales Nil.

Description: Gaetano Gurciullo, Jerilderie, NSW.

# Table Allium varieties

|                        | 'Favara 110'                        | *'Cream Gold'    |
|------------------------|-------------------------------------|------------------|
|                        | ravata 110                          | · Cream Gold     |
| PLANT: NUMBER OF L     | EAVES PER PSEUDOSTEM                | 1' (7.0)         |
|                        | medium (9-12)                       | medium (7-9)     |
| FOLIAGE: ATTITUDE      |                                     |                  |
| 1021102,111111022      | erect                               | erect            |
|                        |                                     |                  |
| FOLIAGE: WAXINESS      | 1.                                  | 1'               |
|                        | medium                              | medium           |
| FOLIAGE:GREEN COLO     | DUR                                 |                  |
|                        | light                               | dark             |
|                        | <del>-</del>                        |                  |
| FOLIAGE: CRANKING      |                                     |                  |
|                        | medium                              | medium           |
| LEAF: LENGTH           |                                     |                  |
|                        | long                                | medium           |
|                        |                                     |                  |
| LEAF: DIAMETER         |                                     |                  |
|                        | large                               | medium           |
| DCELIDOCTEM, I ENCT    | H ( IID TO IHCHEST CREEN I E        | A.E.)            |
| rseudos i em: LENGII   | H ( UP TO HIGHEST GREEN LEA<br>long | AF)<br>medium    |
|                        | iong                                | moutum           |
| PSEUDOSTEM: (DIAME     | ETER AT MID POINT OF LENGT          | H)               |
| · ·                    | large                               | medium to large  |
|                        |                                     |                  |
| BULB: SPLITTING INTO   | D BULBLETS ( WITH DRY SKIN          |                  |
|                        | present                             | present          |
| BULB: SIZE             |                                     |                  |
| <del></del>            | medium to large                     | medium           |
|                        |                                     |                  |
| BULB: DIAMETER (mm     | <i>,</i>                            | 0.5              |
| mean                   | 87.83                               | 82.95            |
| std deviation          | 7.52                                | 7.72             |
| LSD/sig                | 12.51                               | ns               |
| BULB: HEIGHT           |                                     |                  |
|                        | medium                              | medium           |
|                        |                                     |                  |
| BULB: HEIGHT (mm)      | 0.0.0.0                             |                  |
| mean                   | 82.95                               | 71.56            |
| std deviation          | 5.57                                | 6.12<br>P<0.01   |
| LSD/sig                | 10.04                               | P≤0.01           |
| BULB: DIAMETER         |                                     |                  |
|                        | medium                              | medium           |
|                        |                                     |                  |
| BULB: RATIO HEIGHT/    |                                     |                  |
|                        | medium                              | medium           |
| DIII D.CIIADE OF TOP ( | IN LONGITUDENTAL CECTION            | <u> </u>         |
| BULB:SHAPE OF TOP (    | IN LONGITUDENTAL SECTION            |                  |
|                        | rounded                             | slightly raised  |
| BULB/BULBLET: POSIT    | TION OF MAXIMUM DIAMETER            |                  |
|                        | at middle                           | at middle        |
|                        |                                     |                  |
| BULB/BULBLET WIDTI     |                                     |                  |
|                        | medium to broad                     | narrow to medium |
|                        |                                     |                  |

# BULB/BULBLET: GENERAL SHAPE (IN LONGITUDENTAL SECTION)

rhombic circular

BULB/BULBLET: SHAPE OF BASE

round flat to round

BULB/BULBLET: ADHERENCE OF DRY SKIN AFTER HARVEST

strong medium

BULB/BULBLET: THICKNESS OF DRY SKIN

medium thick

BULB/BULBLET: BASIC COLOUR OF DRY SKIN

bronze brown

BULB/BULBLET: INTENSITY OF BASIC COLOUR OF DRY SKIN

medium medium

BULB/BULBLET: HUE OF COLOUR OF DRY SKIN (IN ADDITION TO BASIC COLOUR)

absent absent

BULB/BULBLET: COLOURATION OF EPIDERMIS OF FLESHY SCALES

absent absent

BULB/BULBLET: NUMBER OF AXES

many (9-10) many (12)

BULB/BULBLET: DRY MATTER CONTENT

medium high

TENDENCY TO BOLTING IN SPRING SOWN TRIALS

strong absent or very weak

TIME OF BEGINNING OF BOLTING IN SPRING SOWN TRIALS

late n/a

TENDENCY TO BOLTING IN AUTUMN SOWN TRIALS

absent or very weak weak

TIME OF HARVEST MATURITY FOR SPRING SOWN TRIALS

medium medium

TIME OF SPROUTING DURING STORAGE

medium late

MALE STERILITY

absent or weakly expressed absent or weakly expressed

TOTAL SOLUBLE SOLIDS (Brix)

 $\begin{array}{cccc} \text{mean} & & 11.8 & & 12.6 \\ \text{std deviation} & & 0.01 & & 0.09 \\ \text{LSD/sig} & & 0.45 & & P \! \leq \! 0.01 \end{array}$ 

# Coastal Jugflower (Adenanthos cuneatus)

Variety: 'Coral Carpet'

Synonym: N/A

**Application no:** 2004/179 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2004 **Accepted:** 19-Aug-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: George A Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933



Adenanthos cuneatus

Coastal Jugflower

# 'Coral Carpet'

Application No: 2004/179 Accepted: 19 Aug 2004. Applicant: **George Lullfitz**, Wanneroo, WA.

Characteristics Plant: growth habit prostrate, height 15 to 20cm, width 100 to 150cm, density medium. Stem: attitude horizontal deflexed, Leaf: type simple, shape very broadly cuneate, shape of base attenuate, shape of apex truncate, shape of apex lobes shallow triangular to rounded, number of lobes 5-9, petiole present, length of petiole short, colour new and fully expanded greyed-purple (RHS 186C), colour mature greyed-green (RHS 189B), hairiness dense, colour of hairs silvery. Inflorescence: type solitary, location axillary. Flower: pedicel present, length of pedicel approx 10mm, shape of perianth tubular, colour of inner side of limb segments red-purple (RHS 59C), length approx 25mm. Style: hairiness present, length approx 30mm. Pollen presenter: colour red-purple (RHS 59A). Time of flowering: spring and summer with some flowers throughout the year. (Note: All RHS colour chart numbers refer to the 1986 edition.)

Origin and Breeding Open pollination followed by seedling selection: several clones of *Adenanthos cuneatus*, including the commonly grown variety *Adenanthos cuneatus* 'Coral Drift' had been planted in a stock garden located at the Lullfitz Nursery Muchea property during the mid 1990's. A seedling selection was made from several self sown seedlings that germinated following a cleanup and burn in during 2000. The seedling selected was transplanted into a small pot for further evaluation. The selected plant was noticeably more prostrate (a desirable feature) than normal, compared to the other seedlings. In December 2001, several cuttings were taken to increase the numbers and the following year these small plants were potted into 130mm pots at the nursery for further evaluation. The plants displayed a prostrate growth habit, more so than the normally propagated variety. This plant displayed characteristics that would be desirable as a ground cover. In October 2003, these plants were transferred to 200mm pots at Muchea and retained their prostrate growth habit and no off types were observed. In 2004, a trial was conducted to compare this new variety with the existing variety. Selection criteria: prostrate growth habit. Propagation: stock plants were grown from cuttings and found to be uniform and stable over several generations. Propagation: vegetatively by cuttings. Breeder: George Lullfitz, Wanneroo, WA.

**Choice of Comparators** The only variety of common knowledge that has been identified is *Adenanthos cuneatus* 'Coral Drift'. This variety has been grown for many years as a small spreading shrub. The species grows naturally along the south coastal region of Western Australia where its growth habit is variable from a small spreading shrub to a medium shrub with an upright habit. Due to the wide variations in growth habit in the natural population they were not included as comparators in the trial. The variety used as the comparator was *Adenanthos cuneatus* 'Coral Drift', which is also the parental variety.

**Comparative Trial** Location: Muchea, WA (55km north of Perth). Conditions: The trial was conducted in open nursery conditions in full sun under sprinkler irrigation. Plants were potted into 200 mm pots containing a bark/sawdust/sand media with slow release fertiliser and micronutrients. Trial design: 10 pots of each variety were arranged in separate blocks. Measurements: Taken at random from all trial plants.

 $\label{eq:prior Applications and Sales Nil.} Prior Applications and Sales \ \mathrm{Nil}.$ 

Description: Robert Lullfitz, Duncraig, WA.

# Table Adenanthos varieties

|                | 'Coral Carpet'    | *'Coral Drift'                |
|----------------|-------------------|-------------------------------|
| PLANT: GROWTH  | I HABIT           |                               |
|                | prostrate/        | semi-erect                    |
|                | ground cover      | shrubby                       |
| STEM: ATTITUDE | E.                |                               |
|                | horizontal/       | spreading/                    |
|                | semi-deflexed     | semi-erect                    |
| LEAF: WIDTH    |                   |                               |
|                | very broad        | medium broad                  |
| LEAF APEX: NUM | IBER OF LOBES     |                               |
|                | 5-9               | 4-6                           |
| LEAF: PREDOMIN | NANT COLOUR (Ful  | ly Expanded Leaf) (RHS, 1986) |
|                | greyed-purple     | greyed-purple                 |
|                | RHS 186C          | RHS 186C                      |
| LEAF: PREDOMIN | NANT COLOUR (Ma   | ture Leaf) (RHS, 1986)        |
|                | greyed-green      | greyed-green                  |
|                | RHS 189B          | RHS 189B                      |
| PERIANTH: COLC | OUR OF INNER SIDI | E OF LIMB SEGMENT (RHS, 1986) |
|                | red-purple        | red-purple                    |
|                | RHS 59B           | RHS 59A                       |

# Wheat (Triticum aestivum)

Variety: 'GBA Hunter'

Synonym: N/A

**Application no:** 2004/326 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 02-Dec-2004 **Accepted:** 18-Jan-2005

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Grain Biotech Australia Pty Ltd

Agent: N/A

**Telephone:** (08) 9360 7567 **Fax:** (08) 9360 7569



Triticum aestivum

Wheat

#### 'GBA Hunter'

Application No: 2004/326 Accepted: 18 Jan 2005.

Applicant: Grain Biotech Australia Pty Ltd, Bullcreek, WA.

Characteristics Plant: type semi-dwarf, growth habit erect, height medium, maturity type medium. Flag leaf: length medium, width medium, tendency to be recurved strong, anthocyanin colouration of auricles present, intensity of anthocyanin colouration of auricles very weak, glaucosity of sheath present, intensity of glaucosity of sheath strong. Ear: glaucosity medium, attitude slightly curved, shape in profile tapering, density lax, colour at maturity white. Straw: pith in cross section thin. Awn: present, state fully awned, length medium. Outer glume: shoulder width medium, shoulder shape elevated, beak length medium, beak shape slightly curved, extent of internal hairs weak to medium. Lowest lemma: beak shape moderately curved. Grain: colour white, texture hard, shape ovate, germ face angle medium to shallow, germ width wide, brush length short, end profile shape blunt. Disease resistance: resistance to leaf rust high, resistance to stripe rust high, resistance to stem rust high, resistance to powdery mildew high, resistance to cereal cyst nematode susceptible. Seasonal type: spring.

**Origin and Breeding** Single plant selection: In 1999 a single plant selection was made at Shenton Park WA from a mixed population of, seed parent 'Attila'//'Altar84'/'Aros' x pollen parent 'Attila'. The seed parent is characterised by early maturity, 'GBA Hunter' has medium maturity. The pollen parent is characterised by late maturity. The original cross was made in 1990 at CIMMYT Mexico. In 2000 tworeplicate yield trials were grown at Wongan Hills and York WA. Seed was bulked over summer 00/01 for wide area testing and SARDI preliminary quality tests. Twelve lines were reselected for maturity type, ear type, plant health and disease resistance. In 2001, yield trials were grown at six locations in WA, four in NSW and four in SA. Date of sowing trials were also conducted in WA. Screening was also conducted by the Australian Cereal Rust Control Program. In the summer 2001/02 three lines were selected for uniformity to produce 200 kg of breeders seed. In 2002, comparative yield trials were grown in four states at a total of sixteen locations and parent seed was produced. Seed was multiplied in summer of 02/03 in Scott River WA and purification of breeders seed was completed at Manjimup WA. Samples from WA submitted to the 02/03 'National Wheat Quality Evaluation Program' (NWQEP). In January 2003, samples from NSW and WA were analysed by Agrifood Technology on behalf of AWB Ltd and quality data were submitted to AWB for classification. Removal of off types was conducted in each generation to maintain uniformity. Off types (tall) are less than 0.1%. Selection criteria: grain yield, adaptation, disease resistance. Propagation: seed. Breeder: Dr Ian Edwards, Ex CEO, Grain Biotech Australia, Bull Creek, Western Australia.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant type: semi dwarf, Ear: fully awned, white, lax, Maturity type: medium. On the basis of these grouping characteristics the following comparator varieties were included in the trial: 'Reeves' and 'Wyalcatchem'.

Comparative Trial Location: Wongamine, Avon Valley Western Australia. Sown 30/05/04 at 60 kg/ha. Conditions: plants were in red/brown sandy loam pH 5.3 CaCl2 in open plots. The plots were treated with glyphosate at 1 l/ha on 15/05/04 and cultivated on the 20/05/04. DAP at 120 kg/ha was applied at seeding. Insecticide was applied at the 3 leaf stage for lucerne flea control and fungicide was applied at ear emergence for stripe rust protection\*. Trial design: plants sown in randomised complete blocks 10 meters long by 1.42 meters wide (8 rows) by 2 replications. Measurements: taken from 10 specimens per replicate selected at random from approximately 2000 plants. One sample was taken per plant.

\*note: a late infection of stripe rust occurred in the DUS trial. After the comparative photo was taken a fungicide spray was applied to the DUS trial

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

No prior applications. First sold in Australia in Apr 2004.

Description: David Allen Collins, David Collins Consulting, Northam, WA.

# Table *Triticum* varieties

|                    | 'GBA Hunter'         | *'Reeves'             | *'Wyalcatchem'                    |  |
|--------------------|----------------------|-----------------------|-----------------------------------|--|
| 100 SEED WEIGH     | T g (taken from har  | vest sample > 2mn     | n)                                |  |
| mean               | 37.32                | 42.25                 | 40.00                             |  |
| std deviation      | 0.31                 | 0.37                  | 0.36                              |  |
| LSD/sig            | 0.99                 | $P \le 0.01$          | $P \le 0.01$                      |  |
| FLAG LEAF LEN      | GTH mm (taken from   |                       |                                   |  |
| mean               | 168.90               | 189.20                | 156.40                            |  |
| std deviation      | 22.73                | 24.98                 | 17.18                             |  |
| LSD/sig            | 74.06                | ns                    | ns                                |  |
| FLAG LEAF WID      | TH mm (taken from    | primary stem at ea    | r emergence)                      |  |
| mean               | 15.05                | 16.89                 | 15.40                             |  |
| std deviation      | 1.19                 | 1.44                  | 1.06                              |  |
| LSD/sig            | 3.18                 | ns                    | ns                                |  |
| FLAG LEAF LEN      | GTH/WIDTH RATI       | O (taken from prir    | nary stem at ear emergence)       |  |
| mean               | 11.21                | 11.19                 | 10.15                             |  |
| std deviation      | 1.00                 | 0.96                  | 0.74                              |  |
| LSD/sig            | 3.72                 | ns                    | ns                                |  |
|                    |                      |                       |                                   |  |
| DAYS TO EAR E      |                      | 100.35                | 110.50                            |  |
| mean               | 106.53               | 108.85                | 110.70                            |  |
| std deviation      | 3.13                 | 3.99                  | 2.87                              |  |
| LSD/sig            | 3.24                 | ns                    | $P \le 0.01$                      |  |
| EAR LENGTH mn      | n (taken from prima  | ry ear at maturity, o | excluding awns)                   |  |
| mean               | 85.66                | 81.44                 | 72.49                             |  |
| std deviation      | 6.68                 | 7.23                  | 9.03                              |  |
| LSD/sig            | 7.76                 | ns                    | $P \le 0.01$                      |  |
| AWN LENGTH m       | m (taken from tip of | primary ear at ma     | turity)                           |  |
| mean               | 44.26                | 50.38                 | 53.32                             |  |
| std deviation      | 7.40                 | 7.30                  | 6.72                              |  |
| LSD/sig            | 8.68                 | ns                    | $P \le 0.01$                      |  |
| OUTER GLUME I      | LENGTH mm (taker     | from mid third of     | primary ear at maturity)          |  |
| mean               | 9.77                 | 8.73                  | 8.88                              |  |
| std deviation      | 0.47                 | 0.52                  | 0.45                              |  |
| LSD/sig            | 1.89                 | ns                    | ns                                |  |
| OUTER GLUME V      | WIDTH mm (taken t    | from mid third of r   | rimary ear at maturity)           |  |
| mean               | 3.94                 | 4.29                  | 4.20                              |  |
| std deviation      | 0.23                 | 0.34                  | 0.34                              |  |
| LSD/sig            | 1.89                 | ns                    | ns                                |  |
| OUTER GLUME I      | SEAK LENGTH mr       | n (taken from mid     | third of primary ear at maturity) |  |
| mean               | 4.44                 | 2.69                  | 5.12                              |  |
| std deviation      | 0.69                 | 1.07                  | 1.16                              |  |
| LSD/sig            | 3.32                 | ns                    | ns                                |  |
|                    | J.J4<br>             | 113                   | 113                               |  |
| MATURE HEIGH       | T mm (stem, ear and  | l awns )              |                                   |  |
| mean               | 820.30               | 842.10                | 660.90                            |  |
| std deviation      | 37.21                | 49.75                 | 53.99                             |  |
| LSD/sig            | 43.11                | ns                    | $P \le 0.01$                      |  |
| CTD A W/ DITII (in | cross section)       |                       |                                   |  |
| STRAW PITH (in     | cross section,       |                       |                                   |  |

RESISTANCE TO STRIPE RUST high susceptible susceptible

# Rose (Rosa hybrid)

Variety: 'Lexpiep' Synonym: N/A

**Application no:** 2004/015 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 19-Jan-2004 **Accepted:** 29-Jan-2004

Granted: N/A

Description

published in Plant Varieties

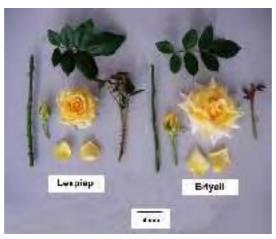
Volume 18, Issue 1

Journal:

Title Holder: Lex Voorn

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576



Rosa hybrid

Rose

# 'Lexpiep'

Application No: 2004/015, Accepted: 29 Jan 2004. Applicant: **Lex Voorn**, Kudelstaart. The Netherlands Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Characteristics Plant: growth habit narrow bushy, height medium, width narrow. Young shoot: anthocyanin colouration medium, hue of anthocyanin reddish brown to purple. Prickles: present, shape of lower side concave. Short prickles: number few. Long prickles: number medium to many. Leaf: size large, green colour dark, glossiness of upper side weak. Leaflet: cross section slight convex, undulation of margin weak. Terminal leaflet: length of blade long (mean 90.52mm), width of blade broad (mean 52.5mm), shape of base obtuse. Flowering shoot: number of flowers very few. Flower pedicel: number of hairs or prickles few. Flower bud: shape of longitudinal section broadovate. Flower: type double, number of petals very many (mean 51), diameter large (mean 95.36mm), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part flattened convex, fragrance weak. Sepal: extensions weak. Petal: size medium (mean width 39.48mm), colour of middle zone of inner side yellow (RHS 7C), colour of marginal zone of inner side yellow (RHS 7D), spot at base of inner side absent, colour of middle zone of outer side yellow (RHS 6D), colour of marginal zone of outer side yellow (RHS 6D), spot at base of outer side absent, reflexing of margin medium, undulation of margin medium. Outer stamen: predominant colour of filament yellow. Inner style: predominant colour yellow. Stigma: height in relation to anthers level. Seed vessel: size medium. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering (fully open flowers): medium. Flowering: habit almost continuous flowering. (Note: all RHS colour chart numbers refer to 1995 edition.)

**Origin and Breeding** Controlled pollination: seed parent 'Briyell'x pollen parent 'LR 97-147'. The seed parent is characterised by its large yellow flowers, on long stems. The pollen parent is characterised by its white flowers. Hybridisation took place in Kudelstaart, The Netherlands, in 1999. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: free flowering, flower size, stem length and production, suitability in greenhouse conditions for cut flower production. Propagation: a number mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. 'Lexpiep' will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: Lex Voorn, Kudelstaart, The Netherlands.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth habit narrow bushy to bushy, height medium. Flower: colour yellow, diameter large to very large. On the basis of these grouping characteristics following comparator variety was included in the trial: 'Briyell'. 'Grandlemlit' and 'Lexplut' were originally considered and later rejected due to flower colour being of a paler yellow.

Comparative Trial Location: Clyde, VIC (Latitude 38°09′ South, elevation 16m), Summer 2003, measurements taken late Jan. Conditions: trial conducted in an open double skinned polyhouse under a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 16 and 33 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot) and 330mm (3 plants per pot) pots filled with co-co coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required. Trial design: fifty three 330mm pots of 'Lexpiep' and nine 210mm pots of 'Briyel' on benches. Measurements: from plants at random. One sample per plant stem.

Prior Applications and Sales Country Year

**Current Status** Name Applied

EU 2002 Granted 'Lexpiep'

First overseas sale Portugal, Oct 2002. First Australian sale Feb 2004.

 $Description: \textbf{Christopher Prescott}, Prescott Roses \ Pty \ Ltd, \ Clyde, \ VIC.$ 

# Table Rosa varieties

|                       | 'Lexpiep'               | *'Briyell'         |  |
|-----------------------|-------------------------|--------------------|--|
| YOUNG SHOOT: HUE      | OF ANTHOCYANIN CO.      | LOURATION          |  |
| TOUTION SHOOT. HEE    | reddish brown           | reddish brown      |  |
|                       | to purple               | 1000001            |  |
| SHORT PRICKLES: NU    | JMBER                   |                    |  |
|                       | few                     | very few           |  |
| LONG PRICKLES: NUI    |                         |                    |  |
|                       | medium to many          | few                |  |
| LEAF: GREEN COLOU     |                         |                    |  |
|                       | dark                    | medium             |  |
| LEAFLET: CROSS SEC    |                         | aliabt companie    |  |
|                       | slight convex           | slight concave     |  |
|                       | WIDTH OF BLADE (mm 52.5 | 61.44              |  |
| mean<br>std deviation | 4.01                    | 4.86               |  |
| LSD/sig               | 8.16                    | P≤0.01             |  |
|                       |                         | 1 20.01            |  |
| TERMINAL LEAFLET:     | SHAPE OF BASE obtuse    | rounded            |  |
|                       |                         | Tourided           |  |
| FLOWER PEDICEL: NU    | JMBER OF HAIRS OR PF    | RICKLES            |  |
|                       | few                     | medium             |  |
| SEPAL: EXTENSIONS     |                         |                    |  |
|                       | weak                    | medium             |  |
| PETAL: SIZE (WIDTH)   | (mm)                    |                    |  |
| mean                  | 39.48                   | 63.32              |  |
| std deviation         | 4.87                    | 8.82               |  |
| LSD/sig               | 16.89                   | P≤0.01             |  |
| PETAL: COLOUR OF N    | MIDDLE ZONE OF INNE     | R SIDE (RHS, 1995) |  |
|                       | 7C                      | 9B                 |  |
| PETAL: COLOUR OF M    | MARGINAL ZONE OF IN     |                    |  |
|                       | 7D                      | 9C fading          |  |
| PETAL: COLOUR OF N    | MIDDLE ZONE OF OUTE     |                    |  |
|                       | 6D                      | 10A-B              |  |
| PETAL: COLOUR OF N    | MARGINAL ZONE OF OU     |                    |  |
|                       | 6D                      | 10B fading         |  |
| PETAL: REFLEXING C    | OF MARGIN               |                    |  |
|                       | medium                  | strong             |  |
| PETAL: UNDULATION     | N OF MARGIN             |                    |  |
|                       | medium                  | weak               |  |
| INNER STYLE: PREDO    | OMINANT COLOUR          |                    |  |

yellow pink

# Canola (Brassica napus)

Variety: 'AG-Comet'

Synonym: N/A

**Application no:** 2004/267 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Sep-2004 **Accepted:** 05-Oct-2004

Granted: N/A

Description

published in Plant Varieties

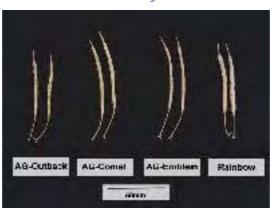
Volume 18, Issue 1

Journal:

Title Holder: Monsanto Australia Limited

Agent: N/A

**Telephone**: 0353821269 **Fax**: 0353811210



Brassica napus

Canola

#### 'AG-Comet'

Application No: 2004/267 Accepted: 5 Oct 2004.

Applicant: Monsanto Australia Limited, Melbourne, VIC.

**Characteristics** Seed: erucic acid absent, canola quality. Cotyledon: width length ratio 2.08. Plant: height at full flowering medium (mean 109cm), time of maturity early. Leaf: green colour (RHS 137C,1986), lobes present, dentation of margin medium. Time of flowering: early-medium (104 days after sowing). Flower: colour of petals yellow, percentage of anther dotting very low (5%), Siliqua: length short (mean 54.29 mm), length of beak short (mean 9.38 mm), width narrow (3.8 mm). Herbicide tolerance: absent. Blackleg resistance: high.

Origin and Breeding Single plant selection: 'AG-Comet' was developed from an open-pollinated single plant selection in 1998 of the variety 'AG-Emblem'. The parental variety is characterised by early-medium maturity, medium plant height, good blackleg resistant, good yield potential and average oil content. After two years of widespread yield testing, disease screening and plot increase in 1999 and 2000 the selection was recoded 'AGC103' and submitted into 2001 S2 Interstate trials across Australia based on higher yield and oil content than 'AG-Emblem', good blackleg resistance, uniformity of type and earlier maturity. Concurrent seed production was conducted in 2001. Selected on the basis of early maturity, high yield results, good oil content and blackleg resistance 'AGC103' was entered into S4 Interstate trials across Australia in 2002. 'AGC103' was trialled further in S4 Interstate trials in 2003 and 2004 whilst further broad-scale seed production was undertaken. 'AGC103' was named 'AG-Comet' in 2004. Selection criteria: early maturity, high yield, high oil, blackleg resistance, good agronomic characteristics such as medium height and highly uniform habit. Propagation: Open-pollinated seed. Breeder: developed by an AgSeed Research Pty. Ltd team lead by Dr. Gururaj P. Kadkol (a former employee).

Choice of Comparators Grouping characteristics used to identify the most similar varieties of common knowledge were - Time of maturity: early to early to medium, Plant: height medium to medium to tall, Herbicide tolerance: absent, Seed: erucic acid absent, canola quality. On the basis of these grouping characteristics the following varieties were included in the trial: 'AG-Outback' and 'Rainbow'. 'AG-Emblem' was also included in the trials as it is the parental material for 'AG-Comet', so as to prove distinct differences.

Comparative Trial Location: AgSeed Research Pty Ltd conventional and triazine tolerant canola trial site at Dahlen, VIC during 2004. Conditions: data on mature plant characteristics were collected in a replicated trial conducted in an open field. Seedling character data were collected in glasshouse trials. Trial design: 3 replications of six row x 10m plots laid out as randomised blocks. Measurements: data recorded on 20 random plants from each of three replicated plots giving a total of 60 observations per variety.

#### **Prior Applications and Sales Nil.**

Description: Katrina (Kate) Light, Oilseed Breeder and Robert Chequer, Research Officer, AgSeed Research Pty, Ltd, Horsham, VIC.

# Table Brassica napus varieties

|               | 'AG-Comet'     | *'AG-Emblem'       | *'AG-Outback'      | *'Rainbow'         |
|---------------|----------------|--------------------|--------------------|--------------------|
| COTYLEDON:    | WIDTH/LENGTH R | ATIO               |                    |                    |
| mean          | 2.08           | 2.08               | 1.77               | 2.00               |
| std deviation | 0.10           | 0.14               | 0.25               | 0.18               |
| LSD/sig       | 0.05           | ns                 | P <u>&lt;</u> 0.01 | P <u>&lt;</u> 0.01 |
| DAYS TO 50%   | FLOWERING      |                    |                    |                    |
| mean          | 104            | 107                | 107                | 116                |
| PETAL: LENGT  | TH/WIDTH RATIO |                    |                    |                    |
| mean          | 1.74           | 1.74               | 2.48               | 1.81               |
| std deviation | 0.11           | 0.14               | 0.27               | 0.16               |
| LSD/sig       | 0.05           | ns                 | P≤0.01             | P <u>&lt;</u> 0.01 |
| ANTHER: DOT   | TING PERCENTAG | E                  |                    |                    |
| mean          | 5.26           | 6.67               | 41.67              | 81.67              |
| PLANT: HEIGH  | T (cm)         |                    |                    |                    |
| mean          | 109.93         | 114.37             | 113.32             | 122.45             |
| std deviation | 5.60           | 7.29               | 6.79               | 9.70               |
| LSD/sig       | 2.47           | P <u>&lt;</u> 0.01 | P <u>&lt;</u> 0.01 | P <u>&lt;</u> 0.01 |
| SILIQUA: LENG | GTH (mm)       |                    |                    |                    |
| mean          | 54.29          | 55.23              | 44.67              | 51.24              |
| std deviation | 3.97           | 6.22               | 5.90               | 4.60               |
| LSD/sig       | 1.95           | ns                 | P <u>&lt;</u> 0.01 | P≤0.01             |
| BEAK: LENGTI  | H (mm)         |                    |                    |                    |
| mean          | 9.77           | 11.09              | 10.05              | 10.43              |
| std deviation | 1.57           | 1.62               | 1.96               | 1.85               |
| LSD/sig       | 0.66           | P <u>≤</u> 0.01    | ns                 | ns                 |

# Canola (Brassica napus)

Variety: 'AG-Drover'

Synonym: N/A

**Application no:** 2004/266 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Sep-2004 **Accepted:** 05-Oct-2004

Granted: N/A

Description

published in Plant Varieties

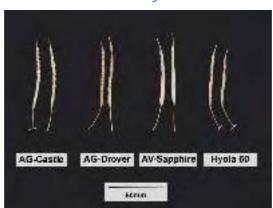
Volume 18, Issue 1

Journal:

Title Holder: Monsanto Australia Limited

Agent: N/A

**Telephone**: 0353821269 **Fax**: 0353811210



Brassica napus

Canola

#### 'AG-Drover'

Application No: 2004/266 Accepted: 5 Oct 2004.

Applicant: Monsanto Australia Limited, Melbourne, VIC.

Characteristics Seed: erucic acid absent, canola quality. Cotyledon: width length ratio 2.22. Plant: height at full flowering medium-tall to tall (mean 124 cm), time of maturity medium. Leaf: green colour (RHS 137B, 1986), lobes present, percentage of lobing very high (91%), dentation of margin medium. Time of flowering: medium to late (119 days after sowing). Flower: colour of petals yellow, percentage of anther dotting medium to high (70%), Siliqua: length short (mean 55 mm), length of beak short (mean 9.38 mm), width narrow (mean 3.72mm). Herbicide tolerance: absent. Blackleg resistance: high.

**Origin and Breeding** Controlled pollination. 'AG-Drover' is derived from a cross between an experimental seed parent, 93-075Q4\*2-7-6, and the pollen parent 'Grouse' made in 1997. The cross coded 97-087 was then increased to F<sub>2</sub> in the glasshouse in late 1997. During 1998 and 1999 2 cycles of single plant selection were made from firstly Dahlen, VIC then a blackleg nursery at Clear Lake, VIC. A third selection was taken over 1999/2000 summer at Warrnambool, VIC. This selection was then sown in preliminary yield trials at Dahlen, VIC in 2000. In 2001 the selection was recoded 'AGC114' and submitted into S2 Interstate Canola yield trials across Australia. It was selected based on blackleg resistance, maturity, high oil content, high yield potential and good agronomic characteristics. Breeders seed production commenced in 2001 also. In 2002, 2003, 2004 AGC114 was included in S4 Interstate Canola yield trials across Australia based on previously listed characteristics. Selection criteria: Mid maturity, high yield, high oil, blackleg resistance, good agronomic characteristics such as medium to tall height and highly uniform habit. Propagation: open-pollinated seed. Breeder: developed by an AgSeed Research Pty Ltd team, Horsham, VIC.

Choice of Comparators Grouping characteristics used to identify the most similar varieties of common knowledge were - Time of maturity: medium, Plant height: medium to tall to tall, Herbicide tolerance: absent, Seed: erucic acid absent, canola quality. On the basis of these grouping characteristics the following varieties were included in the trial: 'AV-Sapphire', 'AG-Castle' and 'Hyola 60'.

Comparative Trial Location: AgSeed Research Pty Ltd conventional and triazine tolerant canola trial site at Dahlen, VIC during 2004. Conditions: data on mature plant characteristics were collected in a replicated trial conducted in an open field. Seedling character data were collected in glasshouse trials. Trial design: 3 replications of six row x 10m plots laid out as randomised blocks. Measurements: data recorded on 20 random plants from each of three replicated plots giving a total of 60 observations per variety.

#### Prior Applications and Sales Nil.

Description: Katrina (Kate) Light, Oilseed Breeder and Robert Chequer, Research Officer, AgSeed Research Pty, Ltd, Horsham, VIC.

# Table Brassica napus varieties

|               | 'AG-Drover'     | *'AV-Sapphire      | *'AG-Castle' | *'Hyola 60'        |
|---------------|-----------------|--------------------|--------------|--------------------|
| COTYLEDON: V  | WIDTH/LENGTH RA | ATIO               |              |                    |
| mean          | 2.23            | 2.12               | 1.98         | 2.46               |
| std deviation | 0.13            | 0.12               | 0.12         | 0.18               |
| LSD/sig       | 0.06            | P <u>≤</u> 0.01    | P≤0.01       | ns                 |
| LEAF: PERCEN  | TAGE OF LOBING  |                    |              |                    |
| mean          | 91.67           | 98.33              | 46.67        | 91.67              |
| DAYS TO 50% F | FLOWERING       |                    |              |                    |
| mean          | 119             | 116                | 119          | 114                |
| PETAL: LENGT  | H/WIDTH RATIO   |                    |              |                    |
| mean          | 1.91            | 1.94               | 1.98         | 1.80               |
| std deviation | 0.16            | 0.18               | 0.18         | 0.11               |
| LSD/sig       | 0.08            | ns                 | ns           | P≤0.01             |
| ANTHER: PERC  | ENTAGE DOTTING  |                    |              |                    |
| mean          | 70.0            | 13.3               | 95.0         | 100.0              |
| PLANT: HEIGH  | T (cm)          |                    |              |                    |
| mean          | 124.40          | 116.48             | 121.25       | 148.52             |
| std deviation | 6.61            | 9.06               | 8.30         | 8.5                |
| LSD/sig       | 4.56            | P <u>≤</u> 0.01    | ns           | P <u>&lt;</u> 0.01 |
| BEAK: LENGTH  | H(mm)           |                    |              |                    |
| mean          | 9.38            | 12.12              | 8.89         | 10.68              |
| std deviation | 1.39            | 2.05               | 1.51         | 1.37               |
| LSD/sig       | 0.70            | P <u>&lt;</u> 0.01 | ns           | P <u>&lt;</u> 0.01 |
| POD: WIDTH (n | nm)             |                    |              |                    |
| mean          | 3.72            | 3.77               | 3.533        | 3.46               |
| std deviation | 0.37            | 0.37               | 0.55         | 0.37               |
| LSD/sig       | 0.204           | ns                 | ns           | P≤0.01             |

# Flamingo Flower (Anthurium hybrid)

Variety: 'Atwenty'

**Synonym:** SmallTalk Salmon

**Application no:** 2001/243 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Sep-2001 **Accepted:** 10-Dec-2001

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

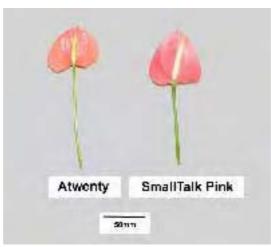
Journal:

Title Holder: Oglesby Plants International, Inc

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

View the detailed description of this variety.



Anthurium hybrid

Flamingo Lily

# 'Atwenty' syn SmallTalk Salmon

Application No.: 2001/243 Accepted: 10 Dec 2001.

Applicant: Oglesby Plants International, Inc., Altha, Florida, USA.

Agent: Ramm Botanicals Pty Ltd, Tuggerah, NSW.

Characteristics Plant: size medium. Leaf blade: length medium, width medium, shape ovate, lobes present, relative position of lobes incurved but not touching, angle of distal part obtuse, shape of tip acuminate, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole: length short to medium. Peduncle: length medium, thickness medium, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves same level, size small, shape broad ovate, lobes present, relative position of lobes incurved but not touching, shape of distal part cordate, shape of tip narrow acuminate, main colour of upper side RHS 37A, main colour of lower side RHS 37A, glossiness medium, blistering weak to medium, shape in cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle medium, rolling absent, curvature of longitudinal axis weakly incurved to straight, tapering towards the top weak, main colour of basal part shortly before dehiscence of anthers white to cream, main colour of distal part shortly after dehiscence of anther white to cream, main colour of distal part shortly after dehiscence of anther yellow.

**Origin and Breeding** Controlled pollination: seed parent 'A2' syn SmallTalk Pink x pollen parent '91-94-2'. The seed parent is characterised by pink spathe colour and the pollen parent by large plant, leaf and spathe sizes and red spathe colour. Hybridisation took place in Altha, Florida, USA in 1993. Selection criteria: spathe colour, earliness and dwarf plant habit. Propagation: vegetative by micropropagation and cuttings were found to be uniform and stable. Breeder: Marian W. Osiecki, Florida, USA.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge are – Plant size small, spathe colour pink. On this basis, the most similar variety of common knowledge is the seed parent 'A2' syn SmallTalk Pink. No other similar varieties were identified.

**Comparative Trial** The detailed description is based on United States Patent PP12,028 and confirmed from local examination. Location: Tuggerah, NSW, winter 2004 – summer 2004-5. Conditions: trial conducted in a fibreglass covered greenhouse, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from randomly selected plants in Feb 2005 according to UPOV TG/86/5.

# **Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| USA     | 2000 | Granted        | 'Atwenty'    |
| EU      | 2000 | Withdrawn      | 'Atwenty'    |

First overseas sale in USA in Nov 1999. First Australian sale Apr 2002.

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

# Table Anthurium varieties

|                      | 'Atwenty'                            | *'SmallTalk Pink'         |
|----------------------|--------------------------------------|---------------------------|
| PLANT: SIZE          |                                      |                           |
| TEM (T. SIZE         | medium                               | medium                    |
| LEAE DI ADE, LENCTH  |                                      |                           |
| LEAF BLADE: LENGTH   | medium                               | medium                    |
|                      |                                      |                           |
| LEAF BLADE: WIDTH    | 1.                                   | 1.                        |
|                      | medium                               | medium                    |
| LEAF BLADE: SHAPE    |                                      |                           |
|                      | ovate                                | ovate                     |
| LEAF BLADE: LOBES    |                                      |                           |
| LEAF BLADE, LOBES    | present                              | present                   |
|                      |                                      | 1                         |
| LEAF BLADE: RELATIV  |                                      | incomed but not touching  |
|                      | incurved but not touching            | incurved but not touching |
| LEAF BLADE: ANGLE O  | F DISTAL PART                        |                           |
|                      | obtuse                               | obtuse                    |
| LEAF BLADE: SHAPE OI | TIP                                  |                           |
| ELAI BEADE, SHAIE OF | acuminate                            | acuminate                 |
|                      |                                      |                           |
| LEAF BLADE: INTENSIT | Y OF GREEN COLOUR OF UPF             |                           |
|                      | medium                               | medium                    |
| LEAF BLADE: BLISTERI | NG OF UPPER SIDE                     |                           |
|                      | absent or very weak                  | absent or very weak       |
| PETIOLE: LENGTH      |                                      |                           |
| TETIOLE, LENGTH      | short to medium                      | short to medium           |
|                      |                                      |                           |
| PEDUNCLE: LENGTH     | medium                               | medium                    |
|                      | medium                               | medium                    |
| PEDUNCLE: THICKNESS  |                                      |                           |
|                      | medium                               | medium                    |
| PEDUNCLE: INTENSITY  | OF GREEN COLOUR OF MIDD              | OLE PART                  |
| I                    | medium                               | medium                    |
| DEDINIOLE AND COLOR  | AND GOLOUD / TYON                    |                           |
| PEDUNCLE: ANTHOCYA   | ANIN COLOURATION absent or very weak | absent or very weak       |
|                      | ausent of very weak                  | absent of very weak       |
| SPATHE: POSITION COM |                                      |                           |
|                      | same level                           | slightly above            |
| SPATHE: SIZE         |                                      |                           |
| ZIIIIII. VILL        | small                                | small                     |
| CD A FILLE CITY 777  |                                      |                           |
| SPATHE: SHAPE        |                                      |                           |

|                       | broad ovate                                     | ovate  |  |
|-----------------------|---|--|--|
| SPATHE: LOBES         |   |  |  |
|                       | present   | absent   |  |
| SPATHE: RELATIVE POS  | ITION OF LOBES incurved but not touching        | incurved but not touching                        |  |
| SPATHE: SHAPE OF DIST | CAL PART  |  |  |
|                       | cordate   | sub-cordate                                      |  |
| SPATHE: SHAPE OF TIP  |   |  |  |
|                       | narrow acuminate                                | narrow acuminate                                 |  |
| SPATHE: MAIN COLOUR   | OF UPPER SIDE RHS<br>37A                        | 48A  |  |
| SPATHE: MAIN COLOUR   | OF LOWER SIDE PHS                               |  |  |
| SI ATTIE. WAIN COLOUR | 37A   | 51D  |  |
| SPATHE: BLISTERING    |   |  |  |
|                       | weak to medium                                  | weak to medium                                   |  |
| SPATHE: SHAPE IN CROS | SS SECTION OF MIDDLE ZONE                       | ;  |  |
|                       | concave   | concave  |  |
| SPATHE: ANGLE IN DIST | TAL PART TO THE PEDUNCLE                        |  |  |
|                       | approximately right angle                       | approximately right angle                        |  |
| SPATHE: DISTANCE BET  | WEEN SPADIX AND SINUS very short                | very short                                       |  |
| SPADIX: WIDTH AT THE  | MIDDLE  |  |  |
|                       | medium  | medium   |  |
| SPADIX: ROLLING       |   |  |  |
|                       | absent  | absent   |  |
| SPADIX: CURVATURE O   | F LONGITUDINAL AXIS weakly incurved to straight | weakly incurved to straight                      |  |
| CDADIN TAREBUIG TON   |   | , .  |  |
| SPADIX: TAPERING TOW  | weak  | weak   |  |
| SPADIX: MAIN COLOUR   |   | EFORE DEHISCENCE OF ANTHERS                      |  |
|                       | white to cream                                  | white to cream                                   |  |
| SPADIX: MAIN COLOUR   | OF DISTAL PART SHORTLY B yellow                 | EFORE DEHISCENCE OF ANTHERS yellow to red-purple |  |
| SPADIX: MAIN COLOUR   | OF BASAL PART SHORTLY AF white to cream         | FTER DEHISCENCE OF ANTHERS white to cream        |  |
| SPADIX: MAIN COLOUR   | OF DISTAL PART SHORTLY A yellow                 | FTER DEHISCENCE OF ANTHERS red-purple            |  |
|                       |   |  |  |

# Flamingo Flower (Anthurium hybrid)

Variety: 'Atwelve'

Synonym: SmallTalk Red

**Application no:** 2001/241 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Sep-2001 **Accepted:** 10-Dec-2001

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Oglesby Plants International, Inc

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875



Anthurium hybrid

Flamingo Lily

# 'Atwelve' syn SmallTalk Red

Application No.: 2001/241 Accepted 10 Dec 2001.

Applicant: Oglesby Plants International, Inc., Altha, Florida, USA.

Agent: Ramm Botanicals Pty Ltd, Tuggerah, NSW.

Characteristics Plant: size small. Leaf blade: length medium, width medium, shape ovate, lobes present, relative position of lobes incurved but not touching, angle of distal part obtuse, shape of tip acuminate, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole: length short. Peduncle: length short, thickness medium, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly below, size small to medium, shape broad ovate, lobes absent, shape of distal part subcordate, shape of tip narrow acuminate, main colour of upper side RHS 46B, main colour of lower side RHS 46B, glossiness weak, blistering medium, shape of cross section of middle zone convex, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top very weak, main colour of basal part shortly before dehiscence of anthers white to cream, main colour of distal part shortly before dehiscence of anthers yellow, main colour of basal part shortly after dehiscence of anthers white.

**Origin and Breeding** Controlled pollination: seed parent 'A2' syn SmallTalk Pink' x pollen parent '91-94-2'. The seed parent is characterised by pink spathe colour and the pollen parent by large plant, leaf and spathe sizes. Hybridisation took place in Altha, Florida, USA in 1993. Selection criteria: spathe colour, earliness and dwarf plant habit. Propagation: vegetative by micropropagation and cuttings were found to be uniform and stable. Breeder: Marian W. Osiecki, Florida, USA.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge are – Plant size small, spathe colour red. On this basis, the most similar varieties of common knowledge are 'Gemini' and 'Nicoya'. The seed parent was excluded due to differing spathe colour and the pollen parent due to its large spathe size. No other similar varieties were identified.

**Comparative Trial** The detailed description is based on United States Patent PP11,742 and confirmed from local examination. Location: Tuggerah, NSW, winter 2004 – summer 2004-5. Conditions: trial conducted in a fibreglass covered greenhouse, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from randomly selected plants in Feb 2005 according to UPOV TG/86/5.

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

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| EU      | 1997 | Surrendered           | 'Atwelve'    |
| USA     | 1999 | Granted               | 'Atwelve'    |

First overseas sale in USA in Apr 1998. First Australian sale Apr 2001.

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

# Table Anthurium varieties

|                 | 'Atwelve'         | *'Gemini'       | *'Nicoya'                 |
|-----------------|-------------------|-----------------|---------------------------|
| PLANT: SIZE     |                   | <del> </del>    |                           |
|                 | small             | small to medium | medium                    |
| LEAF BLADE: LE  | NGTH              |                 |                           |
|                 | medium            | medium to long  | long                      |
| LEAF BLADE: WI  |                   |                 |                           |
|                 | medium            | broad           | broad                     |
| LEAF BLADE: SH  | APE               |                 |                           |
|                 | ovate             | ovate           | ovate                     |
| LEAF BLADE: LO  | BES               |                 |                           |
|                 | present           | absent          | present                   |
| LEAF BLADE: RE  | LATIVE POSITION   | OF LOBES        |                           |
|                 | incurved but      | n/a             | free                      |
|                 | not touching      |                 |                           |
| LEAF BLADE: AN  | IGLE OF DISTAL P. | _               |                           |
|                 | obtuse            | obtuse          | approximately right angle |
| LEAF BLADE: IN  | TENSITY OF GREE   | N COLOUR OF UPI | PER SIDE                  |
|                 | medium            | medium          | medium                    |
| LEAF BLADE: BL  | ISTERING OF UPPI  | ER SIDE         |                           |
|                 | absent or         | weak            | absent or                 |
|                 | very weak         |                 | very weak                 |
| PETIOLE: LENGT  | Н                 |                 |                           |
|                 | short             | medium          | long                      |
| PEDUNCLE: LENG  | GTH               |                 |                           |
|                 | short             | medium to long  | long                      |
| PEDUNCLE: THIC  | CKNESS            |                 |                           |
|                 | medium            | medium          | medium                    |
| PEDUNCLE: INTE  | NSITY OF GREEN    | COLOUR OF MIDE  | DLE PART                  |
|                 | medium            | light           | light                     |
| PEDUNCLE: ANT   | HOCYANIN COLO     | URATION         |                           |
|                 | absent or         | absent or       | absent or                 |
|                 | very weak         | very weak       | very weak                 |
| SPATHE: POSITIO | ON COMPARED TO    | LEAVES          |                           |
|                 | slightly below    | same level to   | slightly below            |
|                 |                   | slightly above  |                           |
| SPATHE: SIZE    |                   |                 |                           |

|                   | small to medium           | small to medium   | small to medium           |
|-------------------|---------------------------|-------------------|---------------------------|
| SPATHE: SHAPE     | broad ovate               | ovate             | broad ovate               |
|                   |                           |                   | orona ovaic               |
| SPATHE: LOBES     | absent                    | absent            | nuacant                   |
|                   | aosent                    | absent            | present                   |
| SPATHE: RELATI    | VE POSITION OF LO         |                   |                           |
|                   | n/a                       | N/A               | incurved but not touching |
| SPATHE: SHAPE (   | OF DISTAL PART            |                   |                           |
|                   | sub-cordate               | obtuse to rounded | cordate                   |
| SPATHE: SHAPE (   | OF TIP                    |                   |                           |
|                   | narrow acuminate          | acuminate         | acuminate                 |
| SPATHE: MAIN C    | OLOUR OF UPPER            | SIDE (RHS)        |                           |
|                   | 46B                       | 53C               | 46B                       |
| SPATHE: MAIN C    | OLOUR OF LOWER            | SIDE (RHS)        |                           |
|                   | 46B                       | 53D               | 53D                       |
| SPATHE: GLOSSII   | NESS                      |                   |                           |
| SI ATTIL. GLOSSII | weak                      | medium            | strong                    |
| SPATHE: BLISTEI   | RING                      |                   |                           |
|                   | medium                    | very weak         | weak                      |
| SPATHE: SHAPE (   | OF CROSS SECTION          | OF MIDDLE ZONI    | E                         |
|                   | convex                    | straight          | concave                   |
| SPATHE: ANGLE     | OF DISTAL PART T          | O THE PEDUNCLE    |                           |
|                   | approximately right angle | obtuse            | approximately             |
| SPATHE: DISTAN    | CE BETWEEN SPAI           | DIX AND SINUS     |                           |
|                   | very short                | medium            | very short                |
| SPADIX: LENGTH    | <br>[                     |                   |                           |
|                   | medium                    | medium            | medium                    |
| SPADIX: WIDTH A   | AT THE MIDDLE             |                   |                           |
|                   | medium                    | medium            | medium                    |
| SPADIX: ROLLING   |                           |                   |                           |
|                   | absent                    | absent            | absent                    |
| SPADIX: CURVAT    | TURE OF LONGITU           | DINAL AXIS        |                           |
|                   | straight                  | straight          | straight                  |
| SPADIX: TAPERIN   | NG TOWARDS THE            | TOP               |                           |
|                   | very weak                 | weak              | very weak                 |
|                   |                           |                   |                           |

| SPADIX: MAIN | COLOUR OF DISTAL yellow        | PART SHORTLY yellow | BEFORE DEHISCENCE OF ANTHERS yellow        |
|--------------|--------------------------------|---------------------|--|
| SPADIX: MAIN | COLOUR OF BASAL white to cream | PART SHORTLY A      | AFTER DEHISCENCE OF ANTHERS white to cream |
| SPADIX: MAIN | COLOUR OF DISTAL white         | PART SHORTLY yellow | AFTER DEHISCENCE OF ANTHERS white          |

# Flamingo Flower (Anthurium hybrid)

Variety: 'Aeighteen'

Synonym: N/A

**Application no:** 2001/242 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Sep-2001 **Accepted:** 10-Dec-2001

Granted: N/A

Description

published in Plant Varieties

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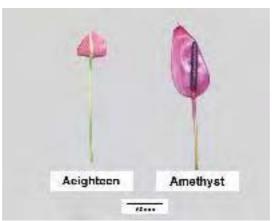
Journal:

Title Holder: Oglesby Plants International, Inc

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

View the detailed description of this variety.



Anthurium hybrid

Flamingo Lily

#### 'Aeighteen'

Application No.: 2001/242 Accepted: 10 Dec 2001.

Applicant: Oglesby Plants International, Inc., Altha, Florida, USA.

Agent: Ramm Botanicals Pty Ltd, Tuggerah, NSW.

Characteristics Plant: size small. Leaf blade: length medium, width medium, shape ovate, lobes absent, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole: length short. Peduncle: length short, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly above, size small, shape ovate, lobes present, relative position of lobes free, shape of distal part sub-cordate, shape of tip narrow acuminate, main colour of upper side RHS 70C, main colour of lower side RHS 70C, glossiness weak, blistering very weak, shape in cross section of middle zone straight to convex, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus short. Spadix: length short, rolling absent, curvature of longitudinal axis straight, tapering towards the top weak, main colour of basal part shortly before dehiscence of anthers white to cream, main colour of distal part shortly before dehiscence of anthers green, main colour of basal part shortly after dehiscence of anthers white to cream, main colour of distal part shortly after dehiscence of anthers white.

**Origin and Breeding** Controlled pollination: seed parent 'A2' syn SmallTalk Pink x pollen parent '91-94-2'. The seed parent is characterised by pink spathe colour and the pollen parent by large plant, leaf and spathe sizes and red spathe colour. Hybridisation took place in Altha, Florida, USA in 1993. Selection criteria: spathe colour, earliness and dwarf plant habit. Propagation: vegetative by micropropagation and cuttings were found to be uniform and stable. Breeder: Marian W. Osiecki, Florida, USA.

**Choice of Comparators** Grouping characteristics used in identifying the most similar varieties of common knowledge are – Spathe colour lavender. On this basis, the most similar variety of common knowledge is 'Amethyst'. The parents were excluded due to differing spathe colours. No other similar varieties were identified.

**Comparative Trial** The detailed description is based on United States Patent PP12,254 and confirmed from local examination. Location: Tuggerah, NSW, winter 2004 – summer 2004-5. Conditions: trial conducted in a fibreglass covered greenhouse, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from randomly selected plants in Feb 2005 according to UPOV TG/86/5.

### **Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| USA     | 1998 | Granted        | 'Aeighteen'  |
| EU      | 2000 | Surrendered    | 'Aeighteen'  |

First overseas sale in USA in Oct 1998. First Australian sale Apr 2002.

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

# Table Anthurium varieties

|                      | 'Aeighteen'                    | *'Amethyst'                       |
|----------------------|--------------------------------|-----------------------------------|
| PLANT: SIZE          |                                |                                   |
|                      | small                          | large                             |
| LEAF BLADE: LENGTH   | 1'                             |                                   |
|                      | medium                         | long                              |
| LEAF BLADE: WIDTH    | medium                         | broad                             |
|                      |                                | oroad                             |
| LEAF BLADE: SHAPE    | ovate                          | ovate                             |
| PETIOLE: LENGTH      |                                |                                   |
| FETIOLE, LENGTH      | short                          | long                              |
| PEDUNCLE: LENGTH     |                                |                                   |
|                      | short                          | long                              |
| PEDUNCLE: ANTHOCYA   | NIN COLOURATION                |                                   |
|                      | absent or very weak            | weak                              |
| SPATHE: POSITION COM |                                |                                   |
|                      | slightly above                 | far above                         |
| SPATHE: SHAPE        | ovate                          | elliptic                          |
|                      |                                | Сприс                             |
| SPATHE: LOBES        | present                        | absent                            |
| CDATHE, MAIN COLOHD  |                                |                                   |
| SPATHE: MAIN COLOUR  | 70C                            | 70A                               |
| SPATHE: MAIN COLOUR  | OF LOWER SIDE (RHS)            |                                   |
| STATIL: WAR COLOUR   | 70C                            | Ca. N81D                          |
| SPADIX: MAIN COLOUR  | OF BASAL PART SHORTLY BI       | EFORE DEHISCENCE OF ANTHERS       |
|                      | white to cream                 | purple                            |
| SPADIX: MAIN COLOUR  | OF DISTAL PART SHORTLY B       | EFORE DEHISCENCE OF ANTHERS       |
|                      | green                          | purple                            |
| SPADIX: MAIN COLOUR  |                                | FTER DEHISCENCE OF ANTHERS        |
|                      | white to cream                 | purple                            |
| SPADIX: MAIN COLOUR  | OF DISTAL PART SHORTLY A white | FTER DEHISCENCE OF ANTHERS purple |
|                      |                                | Purhic Purhic                     |

# Matt Rush (Lomandra confertifolia)

Variety: 'SIR 5'
Synonym: N/A

**Application no:** 2004/081 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 04-Mar-2004 **Accepted:** 25-Mar-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Ozbreed Pty Ltd

Agent: N/A

**Telephone**: 0245780866 **Fax**: 0245780855



Lomandra confertifolia

Mat Rush

### 'SIR 5'

Application No: 2004/081 Accepted: 25 Mar 2004. Applicant: **Ozbreed Pty Ltd,** Richmond, NSW.

Characteristics Plant: growth habit upright, height medium (mean 34.5cm), width medium (mean 45.9cm). Leaf: attitude upright, length medium (mean 33.3mm), width very narrow (mean 1.9mm), colour of upper side yellow green (RHS 147A-B), overall foliage colour greyed green (ca 189B), glaucous of surface strong. Basal sheath: colour brown (RHS 200B) to greyed purple (RHS 187D), colour of marginal shredding greyed orange (RHS 165A). Basal shoot: attitude upright, width narrow, arrangement cluster. (Note: all RHS colour chart numbers refer to 1995 edition.)

**Origin and Breeding** Open pollination followed by seedling selection: *Lomandra confertifolia*. In 1997, *Lomandra confertifolia* were grown in pots in an open bed at Clarendon, NSW. The parent is characterised by medium intensity of leaf surface glaucosity. The open pollinated plants were allowed to set seed which was collected and sown. Approximately 50 plants were grown. In 1998, a single plant was identified as having a very glaucous upper side leaf colour and texture. It was selected and potted for further evaluation. It was later named as 'SIR 5'. Selection took place in Clarendon, NSW in 1998. Selection criteria: strong intensity of leaf surface glaucosity. Propagation: vegetative by divisions and micropropagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

**Choice of Comparators** The grouping characteristics used in identifying the most similar varieties of common knowledge were – Leaf: width narrow. Based on this 'Little Con', the parent *L. confertifolia* and 'Stanthorpe' (syn Little Pal) were selected as the most similar suitable comparators. The variety 'Little Pal' is identical to 'Stanthorpe' and uses a different name for marketing reasons. No other similar varieties were identified.

Comparative Trial Location: Clarendon, spring-summer 2004. Conditions: trial conducted in open beds, plants propagated from divisions, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: fifteen pots of each variety arranged in a completely randomised design. Measurements: from ten plants at random. One sample per plant.

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

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| USA     | 2005 | Applied               | 'SIR5'       |

Overseas sales nil. First Australian sale Apr 2004.

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

# Table Lomandra varieties

|               | <b>'SIR 5'</b>     | *L. confertifolia | *'Little Con'            | *'Stanthorpe'         |
|---------------|--------------------|-------------------|--------------------------|-----------------------|
| PLANT: HEIGH  | IT (cm)            |                   |                          |                       |
| mean          | 34.5               | 41.8              | 26.0                     | 26.2                  |
| std deviation | 3.3                | 3.4               | 1.8                      | 3.6                   |
| LSD/sig       | 3.52               | P≤0.01            | P≤0.01                   | P≤0.01                |
| PLANT: WIDTH  | H (cm)             |                   |                          |                       |
| mean          | 45.9               | 61.5              | 33.8                     | 23.3                  |
| std deviation | 9.7                | 8.2               | 3.3                      | 2.8                   |
| LSD/sig       | 7.66               | P≤0.01            | P≤0.01                   | P≤0.01                |
| LEAF: LENGTH  | H (mm)             |                   |                          |                       |
| mean          | 33.3               | 43.8              | 22.3                     | 22.0                  |
| std deviation | 4.5                | 6.6               | 2.2                      | 3.3                   |
| LSD/sig       | 5.1                | P≤0.01            | P≤0.01                   | P≤0.01                |
| LEAF: WIDTH   | (mm)               |                   |                          |                       |
| mean          | 1.86               | 1.67              | 1.57                     | 3.28                  |
| std deviation | 0.2                | 0.2               | 0.1                      | 0.2                   |
| LSD/sig       | 0.22               | ns                | P≤0.01                   | P≤0.01                |
| LEAF: COLOUI  | R OF UPPER SIDE (F | RHS 1995)         |                          |                       |
|               | 147A-B             | 146A              | 146A                     | 146A                  |
| LEAF: OVERAL  | LL FOLIAGE COLO    | JR                |                          |                       |
|               | grey green         | green             | green                    | green                 |
| LEAF: GLAUCO  | OSITY OF SURFACE   | <u> </u>          |                          |                       |
|               | strong             | weak              | weak                     | very weak             |
| BASAL SHEAT   | H: COLOUR (RHS 1   | 995)              |                          |                       |
|               | 200B to 187D       | 200A to 187D      | 146B with<br>margin 166C | 146C-D with some 187C |
| BASAL SHEAT   |                    | RGINAL SHREDDIN   |                          |                       |
|               | 165A               | 164A              | 161D                     | 161D                  |

## Brunia (Brunia stokoei x Brunia albiflora)

Variety: 'Blush Beauty'

Synonym: N/A

**Application no:** 2004/325 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 30-Nov-2004 **Accepted:** 28-Jan-2005

Granted: N/A

Description

published in Plant Varieties

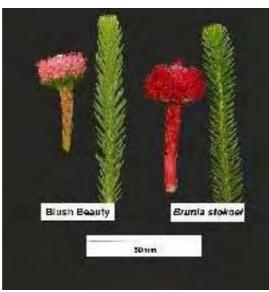
Volume 18, Issue 1

Journal:

Title Holder: Peter Genat

Agent: N/A

**Telephone**: 0359681214 **Fax**: 0359681341



Brunia stokoei x Brunia albiflora

Brunia

#### 'Blush Beauty'

Application No: 2004/325 Accepted: 28 Jan 2005. Applicant: **Peter Genat,** Gembrook, VIC.

Characteristics Plant: growth habit upright. Stem: number of stems from ground level multiple, diameter 10.37mm. Branches: attitude erect. Leaf: shape lanceolate, length 13.70mm, attitude of leaf to stem upright (beneath inflorescence cluster), presence of hairs present. Inflorescence: number of inflorescences in a cluster multiple, diameter 22.67mm. Bud: colour greyed-green (RHS 195A). Flower: colour of petals red-purple (RHS 63C), colour of filaments red-purple (RHS 63C). Flowering time: early (flowered on 26 Feb 2005). (Note: all RHS colour chart numbers refer to 1986 edition.)

**Origin and Breeding** Open pollination: plants of *Brunia stokoei* and *Brunia albiflora* were grown together in an outdoors shrubbery at "Silvertops", Gembrook, Victoria. The plants were open pollinated and seed was collected from *B. stokoei*. Seedlings were raised and grown until flowering. Selection criteria: one hybrid plant was selected on the basis of pink flower colour, attractive hirsute foliage and long stems. Propagation: the selected plant was raised through four generations of cuttings and assessed for stability. Cuttings were then established at Bywong Nursery for the trial. Breeder: Peter Genat, Gembrook, VIC.

**Choice of Comparators** The grouping characteristics used in identifying the comparators was - Plant: growth habit: upright; Flower: colour not white. As there is no known *Brunia* varieties of common knowledge available, the comparator was selected from *Brunia* species and the seed parent, *Brunia stokoei* was selected as the sole comparator. The pollen parent was rejected because of its white flower colour.

Comparative Trial Location: the trial was carried out at Bywong Nursery, 159 Millynn Road, Bywong, NSW, Australia from Jan 2004 until Mar 2005. Conditions: cuttings of the two varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 140mm pots. Pest control was not required. Trial design: ten replicates per variety were set out in a randomised block pattern under natural light in a polyhouse. Measurements: one measurement per plant was taken. *B. stokoei* did not flower within the duration of the trial so no flower observations were made. An inflorescence of *B. stokoei* taken from a field plot was compared with 'Blush Beauty' grown in the trial for the photograph. Stem measurements were taken 20 cm from the soil level. Inflorescence diameter was measured when 1/3 of the flowers were showing colour. Colours were compared with RHS colour chart 1986 edition.

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

Prior application nil. Overseas sales nil. First Australian sale Mar 2004.

Description: Robert L. Dunstone, Curtin, ACT.

#### Table Brunia varieties

|                 | 'Blush Beauty'                        | *Brunia stokoei                               |
|-----------------|---------------------------------------|---|
| LEAF: LENGTH (m | um)                                   |   |
| mean            | 13.70                                 | 9.13  |
| std deviation   | 1.85                                  | 1.52  |
| LSD/sig         | 1.90                                  | P≤0.01  |
| LEAF: PRESENCE  | OF HAIRS                              |   |
|                 | present                               | absent  |
| LEAF: ATTITUDE  | IN RELATION TO STEM                   |   |
|                 | upright                               | horizontal                                    |
| FLOWERING TIME  | 3                                     |   |
|                 | early (date of flowering 26 Feb 2005) | late<br>(no buds or flower<br>by 10 Mar 2005) |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Orange Love'

Synonym: N/A

**Application no:** 2003/044 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 27-Feb-2003 **Accepted:** 29-Apr-2003

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Orange Love'

Application No: 2003/044 Accepted: 29 Apr 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size small. Leaf blade: length short to medium, width broad, shape ovate, lobes present, relative position of lobes free, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side light, blistering of upper side absent or very weak. Petiole: length short, length medium, thickness thin, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly above, size medium, shape broad ovate, lobes absent, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 41C to RHS 41D, main colour of lower side RHS 37B, glossiness weak, blistering medium, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle to obtuse, distance between spadix and sinus very short. Spadix: length medium, width at the middle narrow, rolling absent, curvature of longitudinal axis weakly incurved, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther, yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther white to cream, main colour of distal part shortly after dehiscence of anther yellow. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 924 x pollen parent No. 9322 in a planned breeding program in Schipluiden, The Netherlands in 1992. In comparison to parental varieties 'Orange Love' was found to be bushier with orange coloured spathe compared to No. 924 which had red coloured spathe. Similarly, parental variety No. 9322 differs in leaf and spathe size and shape. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with pink flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour pink to red. On this basis 'Lady Love', 'Tender Love', and 'Sugar Love' were chosen as comparators. 'Orange Love' has predominantly orange spathe red group RHS 41C to 41D. 'Tender Love' is characterised by light pink spathe RHS 51D to RHS 54C with tinge of green RHS 143C at the spadix end of spathe. 'Lady Love' has predominantly pink spathe, red group RHS 47B-C fading to RHS 48A-B. 'Sugar Love' is also predominantly lighter orange spathe red group RHS 39B to RHS 38A. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

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

| Country     | Year | <b>Current Status</b> | Name Applied  |
|-------------|------|-----------------------|---------------|
| EU          | 1997 | Granted               | 'Orange Love' |
| Japan       | 1998 | Applied               | 'Orange Love' |
| USA         | 1998 | Granted               | 'Orange Love' |
| New Zealand | 2003 | Granted               | 'Orange Love' |

First sold in The Netherlands in Apr 1999.

|                 | 'Orange Love'          | *'Tender Love'  | *'Sugar Love'  | *'Lady Love'        |
|-----------------|------------------------|-----------------|----------------|---------------------|
| PLANT: SIZE     |                        |                 |                |                     |
|                 | small                  | medium          | small          | medium              |
| LEAF BLADE: LE  | NGTH                   |                 |                |                     |
|                 | short to medium        | medium to long  | medium         | medium              |
| LEAF BLADE: WI  | DTH                    |                 |                |                     |
|                 | broad                  | medium to broad | broad          | medium              |
| LEAF BLADE: SH  | APE                    |                 |                |                     |
|                 | ovate                  | ovate           | broad-ovate    | ovate               |
| LEAF BLADE: RE  | LATIVE POSITION        | N OF LOBES      |                |                     |
|                 | free                   | free            | free           | free                |
| LEAF BLADE: AN  | IGLE OF DISTAL F       |                 |                |                     |
|                 | obtuse                 | approximately   | obtuse         | obtuse              |
|                 |                        | right angle     |                |                     |
| LEAF BLADE: SH  |                        | aguta           | 0.00140        | a suta              |
|                 | acute                  | acute           | acute          | acute               |
| LEAF BLADE: IN  |                        | EN COLOUR OF UP | · ·            |                     |
|                 | light                  | dark            | dark           | dark                |
| LEAF BLADE: BL  | ISTERING OF UPP        | ER SIDE         |                |                     |
|                 | absent or<br>very weak | weak            | weak           | absent or very weak |
|                 | very weak              |                 |                | very weak           |
| PETIOLE: LENGT  |                        | 1               | -14            | 4'                  |
|                 | short                  | long            | short          | medium              |
| PEDUNCLE: LEN   |                        |                 |                |                     |
|                 | medium                 | long            | medium         | long                |
| PEDUNCLE: THIC  |                        |                 |                |                     |
|                 | thin                   | medium          | thin           | medium              |
| PEDUNCLE: INTE  |                        | COLOUR OF MIDI  | DLE PART       |                     |
|                 | medium                 | medium          | medium         | dark                |
| PEDUNCLE: ANT   | HOCYANIN COLO          | URATION         |                |                     |
|                 | absent or              | weak            | absent or      | absent or           |
|                 | very weak              |                 | very weak      | very weak           |
| SPATHE: POSITIO | ON COMPARED TO         | LEAVES          |                |                     |
|                 | slightly above         | same level      | slightly above | slightly below      |
| SPATHE: SIZE    |                        |                 |                |                     |
|                 | medium                 | medium to large | medium         | medium to large     |
|                 |                        |                 |                |                     |

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|                 | broad ovate                               | ovate  | broad ovate               | ovate                     |
|-----------------|---|--|---------------------------|---------------------------|
| SPATHE: LOBES   | absent                                    | present  | absent                    | absent                    |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                     | obtuse   | obtuse                    | obtuse                    |
| SPATHE: SHAPE   | OF TIP acuminate                          | acuminate  | acuminate                 | acuminate                 |
| SPATHE: MAIN C  | OLOUR OF UPPER<br>41C to 41D              | SIDE (RHS)<br>51B fading to 54C<br>with tinge of 143C<br>at the base | 39B to 38A                | 47C-B fading<br>to 48A –B |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>37B                     | SIDE (RHS)<br>51D to 54D   | 41D                       | 48B fading to 49A         |
| SPATHE: GLOSSI  | NESS<br>weak                              | weak   | weak                      | weak                      |
| SPATHE: BLISTE  | RING<br>medium                            | medium   | medium                    | medium                    |
| SPATHE: SHAPE   | OF CROSS SECTION concave                  | N OF MIDDLE ZON concave  | E<br>concave              | concave                   |
| SPATHE: ANGLE   | OF DISTAL PART Tapproximately right angle | TO THE PEDUNCLE approximately right angle                            | approximately right angle | obtuse                    |
| SPATHE: DISTAN  | ICE BETWEEN SPA<br>very short             | DIX AND SINUS<br>very short  | very short                | very short                |
| SPADIX: LENGTH  | H<br>medium                               | medium   | medium                    | short                     |
| SPADIX: WIDTH   | AT THE MIDDLE narrow                      | medium   | medium                    | narrow                    |
| SPADIX: ROLLIN  | G<br>absent                               | absent   | absent                    | absent                    |
| SPADIX: CURVA   | ΓURE OF LONGITU weakly incurved           | DINAL AXIS<br>weakly incurved  | weakly incurved           | straight                  |
| SPADIX: TAPERII | NG TOWARDS THE<br>weak                    | TOP<br>weak  | weak                      | weak                      |
| SPADIX: MAIN CO | OLOUR OF BASAL yellow                     | PART SHORTLY B   | EFORE DEHISCENO<br>yellow | CE OF ANTHER yellow       |
| SPADIX: MAIN C  | OLOUR OF DISTAL<br>yellow                 | PART SHORTLY E   | BEFORE DEHISCEN<br>yellow | CE OF ANTHER yellow       |

| SPADIX: MAIN COLOUR OF BASAL PART SHORTLY AFTER DEHISCENCE OF ANTHER |                 |                |                 |                  |
|--|-----------------|----------------|-----------------|------------------|
|  | white to cream  | pink           | pink            | white to cream   |
|  |                 |                |                 |                  |
| SPADIX: MAIN C   | OLOUR OF DISTAL | PART SHORTLY A | AFTER DEHISCENC | E OF ANTHER      |
|  | yellow          | orange         | yellow          | yellow to orange |
|  |                 |                |                 |                  |

# Flamingo Flower (Anthurium andraeanum)

Variety: 'Fresh Love'

Synonym: N/A

**Application no:** 2003/138 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 27-Jun-2003

Granted: N/A

Description

published in Plant Varieties

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Journal:

Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Fresh Love'

Application No: 2003/138 Accepted 27 Jun 2003.

Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width broad, shape ovate, lobes present, relative position of lobes incurved but not touching, angle of distal part obtuse, shape of tip narrow acuminate, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole: length medium. Peduncle: length medium, thickness medium, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves same level, size medium, shape broad ovate, lobes absent, shape of distal part obtuse, shape of tip narrow acuminate, main colour of upper side RHS 155C with RHS 144A, main colour of lower side RHS 155C with ca RHS 144A, glossiness weak, blistering weak, shape of cross section of middle zone concave to straight, angle of distal part to the peduncle obtuse, distance between spadix and sinus very short. Spadix: length medium, width at the middle narrow, rolling absent, curvature of longitudinal axis weakly incurved, tapering towards the top very weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of basal part shortly after dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther yellow. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 97-015 x pollen parent No. 97-010 in a planned breeding program in Schipluiden, The Netherlands in 1997. In comparison to parental varieties 'Fresh Love' was found to have predominantly white and green spathes compared to predominantly white and pink spathe of No. 97-015; No. 97-010 has almost white spathe. Subsequent propagation through division showed that it was stable and distinct. Selection criterion: predominantly light pink to white spathe with green on the spadix end of spathe boarders and some red colouration on the apex end of the spathe. Propagation: Asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour light pink to whitish. On this basis 'Whispering Love', 'Fresh Love', and 'Rijn 199922' were chosen as comparators. 'Fresh Love' has predominantly light pink to whitish spathe with green on the spadix end of spathe boarders and some red colouration on the apex end of the spathe. 'Changing Love' has predominantly green & pink/red spathe with green RHS 144D on the spadix end of the spathe boarders; 'Whispering Love' is predominantly pink and 'Rijn 199922' is predominantly green with red RHS 49A on the apex end of spathe and veins and transitional colour of green white RHS 157C. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

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

| Country     | Year | Current Status | Name Applied |
|-------------|------|----------------|--------------|
| EU          | 2001 | Surrendered    | 'Fresh Love' |
| USA         | 2001 | Granted        | 'Fresh Love' |
| New Zealand | 2003 | Granted        | 'Fresh Love' |

Prior sale nil.

|                 | 'Fresh Love'                | "Changing Love    | *'Whispering Lo | ove' *'Rijn 199922' |
|-----------------|-----------------------------|-------------------|-----------------|---------------------|
| PLANT: SIZE     |                             |                   |                 |                     |
|                 | medium                      | medium            | medium          | medium              |
| LEAF BLADE: LE  | ENGTH                       |                   |                 |                     |
|                 | medium                      | medium            | medium          | medium              |
| LEAF BLADE: W   | IDTH                        |                   |                 |                     |
|                 | broad                       | broad             | broad           | medium              |
| LEAF BLADE: SF  | HAPE                        |                   |                 |                     |
|                 | ovate                       | ovate             | ovate           | ovate               |
| LEAF BLADE: LO  | OBES                        |                   |                 |                     |
|                 | present                     | present           | present         | present             |
| LEAF BLADE: RI  | ELATIVE POSITION            | OF LOBES          |                 |                     |
|                 | incurved but                | free              | free            | free                |
|                 | not touching                |                   |                 |                     |
| LEAF BLADE: A   | NGLE OF DISTAL P.           | ART               |                 |                     |
|                 | obtuse                      | obtuse            | approximately   | obtuse              |
|                 |                             |                   | right angle     |                     |
| LEAF BLADE: SH  | HAPE OF TIP                 |                   |                 |                     |
|                 | narrow acuminate            | acute             | acuminate       | acute               |
| LEAF BLADE: IN  | TENSITY OF GREE             | N COLOUR OF UPP   | ER SIDE         |                     |
|                 | medium                      | dark              | dark            | dark                |
| LEAF BLADE: BI  | LISTERING OF UPPI           | ER SIDE           |                 |                     |
|                 | absent or                   | weak              | absent or       | weak                |
|                 | very weak                   | very weak         |                 |                     |
| PETIOLE: LENGT  |                             |                   |                 |                     |
|                 | medium                      | long              | medium          | medium              |
| PEDUNCLE: LEN   | IGTH                        |                   |                 |                     |
|                 | medium                      | long              | medium          | medium              |
| PEDUNCLE: THI   | CKNESS                      |                   |                 |                     |
|                 | medium                      | medium            | thin            | thin                |
| PEDLINCI E- INT | ENSITY OF GREEN             | COLOUR OF MIDD    | LE PART         |                     |
| LECTION. INT    | medium                      | light             | medium          | medium              |
| DEDING E AND    | CHOCWANIN COLOR             | UDATION           |                 |                     |
| PEDUNCLE: ANI   | THOCYANIN COLO<br>absent or | URATION<br>strong | absent or       | absent or           |
|                 | very weak                   | very weak         | very weak       | aosent or           |
|                 |                             |                   |                 |                     |
| CDATHE, DOCUME  | ON COMPARED TO              | LEAVES            |                 |                     |

| SPATHE: SIZE    | medium                               | medium  | medium                    | medium                                     |
|-----------------|--------------------------------------|---|---------------------------|--|
| SPATHE: SHAPE   | broad ovate                          | ovate   | ovate                     | ovate                                      |
| SPATHE: LOBES   | absent                               | absent  | absent                    | absent                                     |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                | acute   | obtuse                    | acute                                      |
| SPATHE: SHAPE   | OF TIP narrow acuminate              | acute   | acuminate                 | acuminate                                  |
| SPATHE : MAIN C | COLOUR OF UPPER<br>155C with 144A    | SIDE (RHS)<br>ca. 155A-B with<br>51D and 144D | 56B with 144A             | 49A with ca. 144A<br>w. transition to 157B |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>155C with ca 144A  |   | 56D with 144B             | 144B                                       |
| SPATHE: GLOSSI  | NESS<br>weak                         | weak  | medium                    | medium                                     |
| SPATHE: BLISTE  | RING<br>weak                         | weak  | medium                    | weak                                       |
| SPATHE: SHAPE   | OF CROSS SECTION concave to straight | OF MIDDLE ZON concave                         | E<br>concave              | concave                                    |
| SPATHE: ANGLE   | OF DISTAL PART T<br>obtuse           | O THE PEDUNCLE<br>obtuse                      | approximately right angle | approximately right angle                  |
| SPATHE: DISTAN  | CE BETWEEN SPAI<br>very short        | DIX AND SINUS short                           | very short                | very short                                 |
| SPADIX: LENGTH  | I<br>medium                          | medium  | short                     | medium                                     |
| SPADIX: WIDTH   | AT THE MIDDLE narrow                 | medium  | medium                    | medium                                     |
| SPADIX: ROLLIN  | G<br>absent                          | absent  | absent                    | absent                                     |
| SPADIX: CURVA   | TURE OF LONGITUE weakly incurved     | DINAL AXIS<br>straight                        | straight                  | straight                                   |
| SPADIX: TAPERII | NG TOWARDS THE very weak             | TOP<br>weak                                   | weak                      | very weak                                  |
| SPADIX: MAIN CO | OLOUR OF BASAL                       | PART SHORTLY B                                | EFORE DEHISCEN            | CE OF ANTHER                               |

|              | yellow                     | yellow                   | yellow                    | yellow                    |
|--------------|----------------------------|--------------------------|---------------------------|---------------------------|
| SPADIX: MAIN | COLOUR OF DISTAI<br>yellow | PART SHORTLY I<br>yellow | BEFORE DEHISCEN<br>yellow | CE OF ANTHER yellow       |
| SPADIX: MAIN | COLOUR OF DISTAI<br>yellow | PART SHORTLY A<br>yellow | AFTER DEHISCENC<br>green  | E OF ANTHER orange to red |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Lady Love'

Synonym: N/A

**Application no:** 2003/137 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 20-Jun-2003

Granted: N/A

Description

published in Plant Varieties

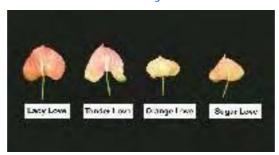
Volume 18, Issue 1

Journal:

Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Lady Love'

Application No: 2003/137 Accepted 20 Jun 2003.

Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width medium, shape ovate, lobes present, relative position of lobes free, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side dark, blistering of upper side absent or very weak. Petiole: length medium. Peduncle: length long, thickness medium, intensity of green colour of middle part dark, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly below, size medium to large, shape ovate, lobes absent, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 47C-B fading to RHS 48A -B, main colour of lower side RHS 48B fading to RHS 49A, glossiness weak, blistering medium, shape of cross section of middle zone concave, angle of distal part to the peduncle obtuse, distance between spadix and sinus very short. Spadix: length short, width at the middle narrow, rolling absent, curvature of longitudinal axis straight, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther yellow to orange. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 92-4 x pollen parent No. 94-13 in a planned breeding program in Schipluiden, The Netherlands in 1994. In comparison to parental varieties 'Lady Love' was found to be bushier and have smaller leaves than No. 92-4. Similarly, predominant spathe colour of 'Lady Love' is pink compared to red spathe colour of both parents 92-4 and 94-13. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with pink flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour pink to red. On this basis 'Tender Love', 'Orange Love', and 'Sugar Love' were chosen as comparators. 'Lady Love' has predominantly pink spathe, red group RHS 47B-C fading to RHS 48A-B, compared to 'Tender Love' which is light pink RHS 51D to RHS 54C with ting of green RHS 143C at the spadix end of spathe and 'Orange Love' has predominantly orange spathe' red group RHS 41C to 41D. 'Sugar Love' is also predominantly lighter orange spathe red group RHS 39B to RHS 38A. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

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

| Country     | Year | <b>Current Status</b> | Name Applied |
|-------------|------|-----------------------|--------------|
| EU          | 1998 | Granted               | 'Lady Love'  |
| USA         | 1999 | Granted               | 'Lady Love'  |
| New Zealand | 2003 | Granted               | 'Lady Love'  |

First sold in The Netherlands in Nov 1999.

|                                      | 'Lady Love'      | *'Tender Love'  | *'Orange Love'  | *'Sugar Love'  |
|--------------------------------------|------------------|-----------------|-----------------|----------------|
| PLANT: SIZE                          |                  |                 |                 |                |
| <del></del>                          | medium           | medium          | small           | small          |
| LEAF BLADE: LE                       | NGTH             |                 |                 |                |
|                                      | medium           | medium to long  | short to medium | medium         |
| LEAF BLADE: WI                       | DTH              |                 |                 |                |
|                                      | medium           | medium to broad | broad           | broad          |
| LEAF BLADE: SH                       | APE              |                 |                 |                |
|                                      | ovate            | ovate           | ovate           | broad-ovate    |
| LEAF BLADE: RE                       | LATIVE POSITION  | N OF LOBES      |                 |                |
|                                      | free             | free            | free            | free           |
| LEAF BLADE: AN                       | IGLE OF DISTAL F |                 |                 |                |
|                                      | obtuse           | approximately   | obtuse          | obtuse         |
|                                      |                  | right angle     |                 |                |
| LEAF BLADE: SH                       |                  |                 |                 |                |
|                                      | acute            | acute           | acute           | acute          |
| LEAF BLADE: IN                       | TENSITY OF GREE  | EN COLOUR OF UP | PER SIDE        |                |
|                                      | dark             | dark            | light           | dark           |
| LEAF BLADE: BL                       | ISTERING OF UPP  | PER SIDE        |                 |                |
|                                      | absent or        | weak            | absent or       | weak           |
|                                      | very weak        |                 | very weak       |                |
| PETIOLE: LENGT                       | Ή                |                 |                 |                |
|                                      | medium           | long            | short           | short          |
| PEDUNCLE: LEN                        | GTH              |                 |                 |                |
|                                      | long             | long            | medium          | medium         |
| PEDUNCLE: THIC                       | CKNESS           |                 |                 |                |
|                                      | medium           | medium          | thin            | thin           |
| PEDUNCLE: INTE                       | ENSITY OF GREEN  | COLOUR OF MIDI  | DLE PART        |                |
| :::::::::::::::::::::::::::::::::::: | dark             | medium          | medium          | medium         |
| PEDLINCI E: ANT                      | HOCYANIN COLO    | OUR ATION       |                 |                |
| LDUNCLE, ANI                         | absent or        | weak            | absent or       | absent or      |
|                                      | very weak        |                 | very weak       | very weak      |
|                                      | N COMPARED TO    | LEAVES          |                 |                |
| SPATHE POSITIO                       |                  | same level      | slightly above  | slightly above |
| SPATHE: POSITIO                      | slightly below   | Same icver      |                 |                |
| SPATHE: POSITIO                      | slightly below   | Same level      |                 |                |
| SPATHE: POSITION SPATHE: SIZE        | medium to large  | medium to large | medium          | medium         |

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|                  | ovate                 | ovate              | broad ovate               | broad ovate       |
|------------------|-----------------------|--------------------|---------------------------|-------------------|
| SPATHE: LOBES    |                       |                    |                           |                   |
|                  | absent                | present            | absent                    | absent            |
| SPATHE: SHAPE    | OF DISTAL PART        |                    |                           |                   |
|                  | obtuse                | obtuse             | obtuse                    | obtuse            |
| SPATHE: SHAPE    | OF TIP                |                    |                           |                   |
| SI MIL. SIMI E   | acuminate             | acuminate          | acuminate                 | acuminate         |
| SPATHE: MAIN C   | OLOUR OF UPPER        | SIDE (RHS)         |                           |                   |
|                  | 47C-B fading          | 51B fading to 54C  | 41C to 41D                | 39B to 38A        |
|                  | to 48A –B             | with tinge of 143C |                           |                   |
|                  |                       | at the base        |                           |                   |
| SPATHE: MAIN C   | OLOUR OF LOWER        | SIDE (RHS)         |                           |                   |
| SI ATTIE. MAIN C | 48B fading to 49A     |                    | 37B                       | 41D               |
|                  |                       |                    |                           |                   |
| SPATHE: GLOSSI   | NESS                  |                    |                           |                   |
|                  | weak                  | weak               | weak                      | weak              |
| SPATHE: BLISTE   | RING                  |                    |                           |                   |
| SI ATTIE. DEISTE | medium                | medium             | medium                    | medium            |
|                  |                       |                    |                           |                   |
| SPATHE: SHAPE    | OF CROSS SECTION      |                    | Е                         |                   |
|                  | concave               | concave            | concave                   | concave           |
| SPATHE: ANGLE    | OF DISTAL PART T      | O THE PEDUNCLE     |                           |                   |
|                  | obtuse                | approximately      | approximately             | approximately     |
|                  |                       | right angle        | right angle               | right angle       |
| CDATHE DICTAN    | ICE DETWEEN CDA       | DIV AND CDILIC     |                           |                   |
| SPATHE: DISTAN   | ICE BETWEEN SPA       |                    | very short                | yary short        |
|                  | very short            | very short         | very short                | very short        |
| SPADIX: LENGTH   | I                     |                    |                           |                   |
|                  | short                 | medium             | medium                    | medium            |
| CDADIN MIDTH     | A TO THE MIDDLE       |                    |                           |                   |
| SPADIX: WIDTH    | narrow                | medium             | narrow                    | medium            |
|                  | narrow                | meatum             | narrow                    | medium            |
| SPADIX: ROLLIN   | G                     |                    |                           |                   |
|                  | absent                | absent             | absent                    | absent            |
| CDADIV. CUDYAS   | TURE OF LONGITU       | DINAL AVIC         |                           |                   |
| SPADIA: CURVA    | straight              | weakly incurved    | weakly incurved           | weakly incurved   |
|                  | Strangin              | weakiy illedi ved  | weakiy medi ved           | weakiy ilicui ved |
| SPADIX: TAPERII  | NG TOWARDS THE        | TOP                |                           |                   |
|                  | weak                  | weak               | weak                      | weak              |
| CDADIV. MAINI CA | OI OUD OF DACAT       | DADT CHODTI V DI   | EEODE DEHICCENC           | TE OF ANTLIED     |
| SPADIA: MAIN C   | OLOUR OF BASAL yellow | yellow             | efore Dehiscenc<br>yellow | yellow            |
|                  |                       | , O110 W           |                           | , 5110 W          |
| SPADIX: MAIN CO  | OLOUR OF DISTAL       | PART SHORTLY B     | EFORE DEHISCEN            | CE OF ANTHER      |
|                  |                       |                    |                           |                   |
|                  | yellow                | yellow             | yellow                    | yellow            |

| SPADIX: MAIN COLOUR OF BASAL PART SHORTLY AFTER DEHISCENCE OF ANTHER |                 |                 |                |             |
|--|-----------------|-----------------|----------------|-------------|
| V  | white to cream  | pink            | white to cream | pink        |
| SPADIX: MAIN COL   | OLID OF DISTAL  | DADT CHODTI V A | ETED DELICCENC | E OE ANTHED |
|  |                 |                 |                | =           |
| У  | ellow to orange | orange          | yellow         | yellow      |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Whispering Love'

Synonym: N/A

**Application no:** 2003/142 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 15-Jul-2003

Granted: N/A

Description

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Whispering Love'

Application No.: 2003/142 Accepted 15 Jul 2003.

Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width broad, shape ovate, lobes present, relative position of lobes free, angle of distal part approximately right angle, shape of tip acuminate, intensity of green colour of upper side dark, blistering of upper side absent or very weak. Petiole: length medium. Peduncle: length medium, thickness thin, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. position compared to leaves slightly above, size medium, shape ovate, lobes absent, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 56B with RHS 144A, main colour of lower side RHS 56D with RHS 144B, glossiness medium, blistering medium, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length short, width at the middle medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of basal part shortly after dehiscence of anther pink, main colour of distal part shortly after dehiscence of anther green. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled Pollination: seed parent No. 9715 x pollen parent No. 9713 in a planned breeding program in Schipluiden, The Netherlands. In comparison to parental varieties 'Whispering Love' was found to be bushier and shorter than No. 9715; spathes were deeper pink than those of No. 9713. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with deeper pink flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour light pink to whitish. On this basis 'Changing Love', 'Fresh Love', and 'Rijn 199922' were chosen as comparators. 'Whispering Love' has predominantly pink spathe, red group RHS 56B with green RHS 144B on the spadix end of the spathe boarders, compared to 'Changing Love' and 'Fresh Love' which has predominantly white spathe with green on the spadix end of spathe boarders, 'Fresh Love' also has some red colouration on the apex end of the spathe; 'Rijn 199922' is predominantly green with red RHS 49A on the apex end of spathe and veins and transitional colour of green white RHS 157C. 'Baby Pink' has some similarities but was not included in the trial because 'Whispering Love' is bushier and shorter, has different flower colour. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

**Prior Applications and Sales** 

CountryYearCurrent StatusName AppliedNew Zealand2001Applied'Whispering Love'

Prior sales nil.

|                | 'Whispering Love'         | *'Changing Love' | *'Fresh Love'             | *'Rijn 199922' |
|----------------|---------------------------|------------------|---------------------------|----------------|
| PLANT: SIZE    |                           |                  |                           |                |
|                | medium                    | medium           | medium                    | medium         |
| LEAF BLADE: LI | ENGTH                     |                  |                           |                |
|                | medium                    | medium           | medium                    | medium         |
| LEAF BLADE: W  | TDTH                      |                  |                           |                |
|                | broad                     | broad            | broad                     | medium         |
| LEAF BLADE: SI | HAPE                      |                  |                           |                |
|                | ovate                     | ovate            | ovate                     | ovate          |
| LEAF BLADE: LO | OBES                      |                  |                           |                |
|                | present                   | present          | present                   | present        |
| LEAF BLADE: RI | ELATIVE POSITION          | OF LOBES         |                           |                |
|                | free                      | free             | incurved but not touching | free           |
| LEAF BLADE: A  | NGLE OF DISTAL PA         | ART              |                           |                |
|                | approximately right angle | obtuse           | obtuse                    | obtuse         |
| LEAF BLADE: SI | HAPE OF TIP               |                  |                           |                |
|                | acuminate                 | acute            | narrow acuminate          | acute          |
| LEAF BLADE: IN | ITENSITY OF GREEN         | N COLOUR OF UPP  | ER SIDE                   |                |
|                | dark                      | dark             | medium                    | dark           |
| LEAF BLADE: BI | LISTERING OF UPPE         | ER SIDE          |                           |                |
|                | absent or<br>very weak    | weak             | absent or<br>very weak    | weak           |
| PETIOLE: LENG  | ГН                        |                  |                           |                |
|                | medium                    | long             | medium                    | medium         |
| PEDUNCLE: LEN  | IGTH                      |                  |                           |                |
|                | medium                    | long             | medium                    | medium         |
| PEDUNCLE: THI  | CKNESS                    |                  |                           |                |
|                | thin                      | medium           | medium                    | thin           |
| PEDUNCLE: INT  | ENSITY OF GREEN           | COLOUR OF MIDD   | LE PART                   |                |
|                | medium                    | light            | medium                    | medium         |
| PEDUNCLE: AN   | ΓΗΟCYANIN COLOU           | JRATION          |                           |                |
|                | absent or                 | strong           | absent or                 | absent or      |
|                | very weak                 |                  | very weak                 | very weak      |
| SPATHE: POSITI | ON COMPARED TO            |                  |                           |                |
|                | slightly above            | slightly above   | same level                | slightly above |

| SPATHE: SIZE    | medium   | medium  | medium            | medium                                     |
|-----------------|--|---|-------------------|--|
| SPATHE: SHAPE   | ovate  | ovate   | broad ovate       | ovate                                      |
| SPATHE: LOBES   | absent   | absent  | absent            | absent                                     |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                            | acute   | obtuse            | acute                                      |
| SPATHE: SHAPE   | OF TIP acuminate                                 | acute   | narrow acuminate  | acuminate                                  |
| SPATHE : MAIN C | COLOUR OF UPPER<br>56B with 144A                 | SIDE (RHS)<br>ca. 155A-B with<br>51D and 144D | 155C with 144A    | 49A with ca. 144A<br>w. transition to 157B |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>56D with 144B                  | SIDE (RHS)<br>ca. 155A-B with<br>51D and 147D | 155C with ca 144A | 144B                                       |
| SPATHE: GLOSSI  | NESS<br>medium                                   | weak  | weak              | medium                                     |
| SPATHE: BLISTE  | RING<br>medium                                   | weak  | weak              | weak                                       |
| SPATHE: SHAPE   | OF CROSS SECTION concave                         | N OF MIDDLE ZONI<br>concave<br>straight       | E concave to      | concave                                    |
| SPATHE: ANGLE   | OF DISTAL PART T<br>approximately<br>right angle | O THE PEDUNCLE<br>obtuse                      | obtuse            | approximately right angle                  |
| SPATHE: DISTAN  | CE BETWEEN SPA                                   | DIX AND SINUS<br>short                        | very short        | very short                                 |
| SPADIX: LENGTH  | I<br>short                                       | medium  | medium            | medium                                     |
| SPADIX: WIDTH   | AT THE MIDDLE medium                             | medium  | narrow            | medium                                     |
| SPADIX: ROLLIN  | G<br>absent                                      | absent  | absent            | absent                                     |
| SPADIX: CURVA   | TURE OF LONGITU<br>straight                      | DINAL AXIS<br>straight                        | weakly incurved   | straight                                   |
| SPADIX: TAPERII | NG TOWARDS THE<br>weak                           | TOP<br>weak                                   | very weak         | very weak                                  |
| SPADIX: MAIN CO | OLOUR OF BASAL                                   | PART SHORTLY BI                               | EFORE DEHISCENC   | CE OF ANTHER                               |

|              | yellow           | yellow                   | yellow                    | yellow                    |
|--------------|------------------|--------------------------|---------------------------|---------------------------|
| SPADIX: MAIN | COLOUR OF DISTAI | PART SHORTLY I<br>yellow | BEFORE DEHISCEN<br>yellow | CE OF ANTHER yellow       |
| SPADIX: MAIN | COLOUR OF DISTAI | PART SHORTLY A           | AFTER DEHISCENC<br>yellow | E OF ANTHER orange to red |

# Flamingo Flower (Anthurium andraeanum)

Variety: 'Red Love'

Synonym: N/A

**Application no:** 2003/045 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 27-Feb-2003 **Accepted:** 29-Apr-2003

Granted: N/A

Description

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Red Love'

Application No: 2003/045 Accepted: 29 Apr 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width medium, shape narrow-ovate, lobes present, relative position of lobes free, angle of distal part approximately right angle, shape of tip acute, intensity of green colour of upper side light to medium, blistering of upper side absent or very weak. Petiole length medium. Peduncle length long, thickness medium to thick, intensity of green colour of middle part light, anthocyanin colouration medium to strong. Spathe position compared to leaves far above, size medium, shape broad ovate, lobes absent, shape of distal part obtuse, shape of tip narrow acuminate, main colour of upper side RHS 47B, main colour of lower side RHS 47D, glossiness strong, blistering strong, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle broad, rolling absent, curvature of longitudinal axis straight, tapering towards the top very weak, main colour of basal part shortly before dehiscence of anther orange, main colour of distal part shortly before dehiscence of anther orange, main colour of distal part shortly after dehiscence of anther yellow to orange, main colour of distal part shortly after dehiscence of anther orange. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 924 x pollen parent No. 9319 in a planned breeding program in Schipluiden, The Netherlands in 1992. In comparison to parental varieties 'Red Love' was found to be bushier with smaller leaves compared to No. 924. Similarly, parental variety No. 9319 had darker red spathe compared to 'Red love' which was red RHS 47B. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with red flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour red. On this basis 'Exciting Love' and 'Lucky Leny' were chosen as comparators. 'Red Love' has predominantly red spathe' red group RHS 47B, with flowers held far above foliage. 'Lucky Leny' is characterised by predominantly red spathe RHS 178B changing RHS 46A with bigger leaves and spathe but flowers held at about same level as foliage. 'Exciting Love' has predominantly red and green spathe with flowers held only slightly above foliage. 'Laura' is somewhat similar but in comparison 'Red Love' is more compact with smaller leaves; 'Laura' was not considered. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

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

| Country     | Year | Current Status | Name Applied |
|-------------|------|----------------|--------------|
| EU          | 1997 | Granted        | 'Red Love'   |
| Japan       | 1998 | Applied        | 'Red Love'   |
| USA         | 1998 | Granted        | 'Red Love'   |
| New Zealand | 2003 | Granted        | 'Red Love'   |

First sold in The Netherlands in Mar 1999.

|                 | 'Red Love'       | *'Lucky Leny'   | *'Exciting Love'    |
|-----------------|------------------|-----------------|---------------------|
| PLANT: SIZE     |                  |                 |                     |
|                 | medium           | small           | medium              |
| LEAF BLADE: LE  | NGTH             |                 |                     |
|                 | medium           | medium to long  | medium              |
| LEAF BLADE: WI  | IDTH             |                 |                     |
|                 | medium           | medium to broad | medium              |
| LEAF BLADE: SH  | IAPE             |                 |                     |
|                 | narrow-ovate     | narrow-ovate    | narrow-ovate        |
| LEAF BLADE: LC  | DBES             |                 |                     |
|                 | present          | present         | present             |
| LEAF BLADE: RE  | ELATIVE POSITION | OF LOBES        |                     |
|                 | free             | free            | free                |
| LEAF BLADE: AN  | NGLE OF DISTAL P | ART             |                     |
|                 | approximately    | approximately   | approximately right |
|                 | right angle      | right angle     | angle               |
| LEAF BLADE: SH  | IAPE OF TIP      |                 |                     |
|                 | acute            | narrow acute    | narrow acute        |
| LEAF BLADE: IN  | TENSITY OF GREE  | N COLOUR OF UPI | PER SIDE            |
|                 | light to medium  | medium          | medium              |
| LEAF BLADE: BL  | ISTERING OF UPP  | ER SIDE         |                     |
|                 | absent or        | absent or       | absent or           |
|                 | very weak        | very weak       | very weak           |
| PETIOLE: LENGT  | `H               |                 |                     |
|                 | medium           | short           | medium              |
| PEDUNCLE: LEN   | GTH              |                 |                     |
|                 | long             | short           | medium to long      |
| PEDUNCLE: THIC  | CKNESS           |                 |                     |
|                 | medium to thick  | thin            | medium              |
| PEDUNCLE: INTE  | ENSITY OF GREEN  | COLOUR OF MIDE  | DLE PART            |
|                 | light            | light to medium | light               |
| PEDUNCLE: ANT   | HOCYANIN COLO    | URATION         |                     |
|                 | medium to strong | absent or       | weak                |
|                 |                  | very weak       |                     |
| SPATHE: POSITIO | ON COMPARED TO   | LEAVES          |                     |
|                 | far above        | same level      | slightly above      |
| SPATHE: SIZE    |                  |                 |                     |

|                 | medium   | small  | medium                            |
|-----------------|--|--|-----------------------------------|
| SPATHE: SHAPE   | broad ovate                                      | ovate  | broad ovate                       |
| SPATHE: LOBES   | absent   | present  | absent                            |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                            | obtuse   | obtuse                            |
| SPATHE: SHAPE   |  |  |                                   |
|                 | narrow acuminate                                 | acuminate                                      | acuminate                         |
| SPATHE: MAIN C  | OLOUR OF UPPER :<br>47B                          | SIDE (RHS)<br>178B changing<br>to 46A          | 181 A-B and 146A                  |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>47D                            | SIDE (RHS)<br>183B changing<br>to N34A         | 47C and 146B                      |
| SPATHE: GLOSSI  | NESS<br>strong                                   | strong   | medium                            |
| SPATHE: BLISTEI | RING<br>strong                                   | strong   | strong                            |
| SPATHE: SHAPE   | OF CROSS SECTION concave                         | OF MIDDLE ZONI<br>straight convex              | E<br>concave                      |
| SPATHE: ANGLE   | OF DISTAL PART T<br>approximately<br>right angle | O THE PEDUNCLE<br>approximately<br>right angle | approximately right angle         |
| SPATHE: DISTAN  | CE BETWEEN SPAI<br>very short                    | DIX AND SINUS<br>very short                    | very short                        |
| SPADIX: LENGTH  | I<br>medium                                      | short medium                                   | short medium                      |
| SPADIX: WIDTH   | AT THE MIDDLE<br>broad                           | narrow medium                                  | medium                            |
| SPADIX: ROLLIN  | G<br>absent                                      | absent   | absent                            |
| SPADIX: CURVA   | TURE OF LONGITU<br>straight                      | DINAL AXIS<br>straight                         | straight                          |
| SPADIX: TAPERIN | NG TOWARDS THE<br>very weak                      | TOP<br>medium                                  | very weak                         |
| SPADIX: MAIN CO | OLOUR OF BASAL I orange                          | PART SHORTLY BI<br>yellow                      | EFORE DEHISCENCE OF ANTHER orange |
|                 |  |  |                                   |

| SPADIX: MAIN COLOUR OF DISTAL PART SHORTLY BEFORE DEHISCENCE OF ANTHER |        |        |                 |  |
|--|--------|--------|-----------------|--|
|  | orange | yellow | yellow to green |  |
|  |        |        |                 |  |
| SPADIX: MAIN COLOUR OF DISTAL PART SHORTLY AFTER DEHISCENCE OF ANTHER  |        |        |                 |  |
|  | orange | yellow | orange          |  |
|  |        |        |                 |  |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Lucky Leny'

Synonym: N/A

**Application no:** 2003/143 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 20-Jun-2003

Granted: N/A

Description

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Lucky Leny'

Application No.: 2003/143 Accepted 20 Jun 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size small. Leaf blade length medium to long, width medium to broad, shape narrow-ovate, lobes present, relative position of lobes free, angle of distal part approximately right angle, shape of tip narrow acute, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole length short. Peduncle length short, thickness thin, intensity of green colour of middle part light to medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves same level, size small, shape ovate, lobes present, relative position of lobes free, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 178B changing to RHS 46A, main colour of lower side RHS 183B changing to RHS N34A, glossiness strong, blistering strong, shape of cross section of middle zone straight to convex, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length short to medium, width at the middle narrow to medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top medium, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther white to cream, main colour of distal part shortly after dehiscence of anther yellow. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Spontaneous mutation: originated as a spontaneous mutation from 'Leny' in a planned breeding program in Schipluiden, The Netherlands in 1998. In comparison to parental variety 'Leny' the new variety 'Lucky Leny' was found to have narrower and darker green leaves with darker red spathe. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with red flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour red. On this basis 'Exciting Love' and 'Red Love' were chosen as comparators. 'Lucky Leny' is characterized by predominantly red spathe RHS 178B changing RHS 46A with bigger leaves and spathe but flowers held at about same level as foliage. 'Red Love' has predominantly red spathe' red group RHS 47B, with flowers held far above foliage. 'Exciting Love' has predominantly red and green spathe with flowers held only slightly above foliage. The parental variety 'Leny' was excluded for reasons stated above. No other varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

**Prior Applications and Sales** 

| Country     | Year | <b>Current Status</b> | Name Applied |
|-------------|------|-----------------------|--------------|
| EU          | 2001 | Granted               | 'Lucky Leny' |
| USA         | 2001 | Granted               | 'Lucky Leny' |
| New Zealand | 2003 | Granted               | 'Lucky Leny' |

First sold in The Netherlands in Aug 2002.

|                 | 'Lucky Leny'      | *'Red Love'      | *'Exciting Love'    |
|-----------------|-------------------|------------------|---------------------|
| PLANT: SIZE     |                   |                  |                     |
| TEIT (T. SIEE   | small             | medium           | medium              |
| LEAF BLADE: LE  | NGTH              |                  |                     |
|                 | medium to long    | medium           | medium              |
| LEAF BLADE: WI  | DTH               |                  |                     |
|                 | medium to broad   | medium           | medium              |
| LEAF BLADE: SH  | APE               |                  |                     |
|                 | narrow-ovate      | narrow-ovate     | narrow-ovate        |
| LEAF BLADE: LC  | BES               |                  |                     |
|                 | present           | present          | present             |
| LEAF BLADE: RE  | LATIVE POSITION   | OF LOBES         |                     |
|                 | free              | free             | free                |
| LEAF BLADE: AN  | IGLE OF DISTAL PA | ART              |                     |
|                 | approximately     | approximately    | approximately right |
|                 | right angle       | right angle      | angle               |
| LEAF BLADE: SH  | APE OF TIP        |                  |                     |
|                 | narrow acute      | acute            | narrow acute        |
| LEAF BLADE: IN  | TENSITY OF GREE   | N COLOUR OF UPF  | PER SIDE            |
|                 | medium            | light to medium  | medium              |
| LEAF BLADE: BL  | ISTERING OF UPPI  | ER SIDE          |                     |
|                 | absent or         | absent or        | absent or           |
|                 | very weak         | very weak        | very weak           |
| PETIOLE: LENGT  | H                 |                  |                     |
|                 | short             | medium           | medium              |
| PEDUNCLE: LEN   | GTH               |                  |                     |
|                 | short             | long             | medium to long      |
| PEDUNCLE: THIC  | CKNESS            |                  |                     |
|                 | thin              | medium to thick  | medium              |
| PEDUNCLE: INTE  | ENSITY OF GREEN   | COLOUR OF MIDD   | DLE PART            |
|                 | light to medium   | light            | light               |
| PEDUNCLE: ANT   | HOCYANIN COLO     | URATION          |                     |
|                 | absent or         | medium to strong | weak                |
|                 | very weak         |                  |                     |
| SPATHE: POSITIO | ON COMPARED TO    | LEAVES           |                     |
|                 | same level        | far above        | slightly above      |
| SPATHE: SIZE    |                   |                  |                     |

|                   | small                               | medium                      | medium                     |
|-------------------|-------------------------------------|-----------------------------|----------------------------|
| SPATHE: SHAPE     |                                     |                             |                            |
|                   | ovate                               | broad ovate                 | broad ovate                |
| SPATHE: LOBES     |                                     |                             |                            |
| STITTLE. LOBES    | present                             | absent                      | absent                     |
| SPATHE: SHAPE (   | OF DISTAL DART                      |                             |                            |
| SI ATTIE, SHAFE ( | obtuse                              | obtuse                      | obtuse                     |
|                   |                                     |                             |                            |
| SPATHE: SHAPE (   | OF TIP<br>acuminate                 | narrow acuminate            | acuminate                  |
|                   | acummate                            | narrow acummate             | acummate                   |
| SPATHE: MAIN C    | OLOUR OF UPPER                      |                             |                            |
|                   | 178B changing to 46A                | 47B                         | 181 A-B and 146A           |
| SPATHE: MAIN C    | OLOUR OF LOWER                      | SIDE (RHS)                  |                            |
|                   | 183B changing                       | 47D                         | 47C and 146B               |
|                   | to N34A                             |                             |                            |
| SPATHE: GLOSSII   | NESS                                |                             | _                          |
|                   | strong                              | strong                      | medium                     |
| SPATHE: BLISTER   | RING                                |                             |                            |
| STATIL. BEISTEI   | strong                              | strong                      | strong                     |
| CDATHE CHARE      | OF CROSS SECTION                    | I OE MIDDLE ZOM             |                            |
| SPATHE: SHAPE (   | OF CROSS SECTION<br>straight convex | N OF MIDDLE ZONI<br>concave | E concave                  |
|                   | Straight convex                     | Concave                     | Concave                    |
| SPATHE: ANGLE     | OF DISTAL PART T                    |                             |                            |
|                   | approximately                       | approximately               | approximately              |
|                   | right angle                         | right angle                 | right angle                |
| SPATHE: DISTAN    | CE BETWEEN SPA                      | DIX AND SINUS               |                            |
|                   | very short                          | very short                  | very short                 |
| SPADIX: LENGTH    | 1                                   |                             |                            |
| STIBIL, EETOTI    | short medium                        | medium                      | short medium               |
| CD L DIV WIDTH    | A T THE MIDDLE                      |                             |                            |
| SPADIX: WIDTH A   | narrow medium                       | broad                       | medium                     |
|                   | narrow medium                       | bioad                       | incutum                    |
| SPADIX: ROLLING   |                                     |                             |                            |
|                   | absent                              | absent                      | absent                     |
| SPADIX: CURVAT    | TURE OF LONGITU                     | DINAL AXIS                  |                            |
|                   | straight                            | straight                    | straight                   |
| SDADIY: TADEDIN   | NG TOWARDS THE                      | TOP                         |                            |
| STADIA, TAPEKII   | medium                              | very weak                   | very weak                  |
|                   |                                     |                             | •                          |
| SPADIX: MAIN CO   |                                     |                             | EFORE DEHISCENCE OF ANTHER |
|                   | yellow                              | orange                      | orange                     |
|                   |                                     |                             |                            |

| SPADIX: MAIN | COLOUR OF DISTAL | PART SHORTLY I | BEFORE DEHISCENCE OF ANTHER |
|--------------|------------------|----------------|-----------------------------|
|              | yellow           | orange         | yellow to green             |
|              |                  |                |                             |
| SPADIX: MAIN | COLOUR OF DISTAL | PART SHORTLY A | AFTER DEHISCENCE OF ANTHER  |
|              | yellow           | orange         | orange                      |
|              |                  |                |                             |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Changing Love'

Synonym: N/A

**Application no:** 2003/139 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 27-Jun-2003

Granted: N/A

Description

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

### 'Changing Love'

Application No.: 2003/139 Accepted 27 Jun 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width broad, shape ovate, lobes present, relative position of lobes free, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side dark, blistering of upper side weak. Petiole: length long. Peduncle: length long, thickness medium, intensity of green colour of middle part light, anthocyanin colouration strong. Spathe: position compared to leaves slightly above, size medium, shape ovate, lobes absent, shape of distal part acute, shape of tip acute, main colour of upper side RHS ca. 155A-B with RHS 51D and RHS 144D, main colour of lower side RHS ca. 155A-B with RHS 51D and RHS 147D, glossiness weak, blistering weak, shape of cross section of middle zone concave, angle of distal part to the peduncle obtuse, distance between spadix and sinus short. Spadix length medium, width at the middle medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther yellow. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 97-015 x pollen parent No. 97-013 in a planned breeding program in Schipluiden, The Netherlands in 1997. In comparison to parental varieties 'Changing Love' was found to have predominantly green and whites spathes compared to predominantly white spathe of No. 97-015; No. 97-013 has pink/red colouration of spathe. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with green and pink/red flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour light pink to whitish. On this basis 'Whispering Love', 'Fresh Love', and 'Rijn 199922' were chosen as comparators. 'Changing Love' has predominantly green and pink/red spathe with green RHS 144D on the spadix end of the spathe boarders, compared to 'Whispering Love' which is predominantly pink and 'Fresh Love' which has predominantly white spathe with green on the spadix end of spathe boarders, 'Fresh Love' also has some red colouration on the apex end of the spathe; 'Rijn 199922' is predominantly green with red RHS 49A on the apex end of spathe and veins and transitional colour of green white RHS 157C. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

**Prior Applications and Sales** 

| Year | Current Status | Name Applied                 |
|------|----------------|------------------------------|
| 2002 | Granted        | 'Changing Love'              |
| 2003 | Granted        | 'Changing Love'              |
| 2003 | Granted        | 'Changing Love'              |
|      | 2002<br>2003   | 2002 Granted<br>2003 Granted |

First sold in The Netherlands in May 2000.

|               | 'Changing Love'  | *'Fresh Love'          | *'Whispering Lov          | e' *'Rijn 199922' |
|---------------|------------------|------------------------|---------------------------|-------------------|
| PLANT: SIZE   |                  |                        |                           |                   |
|               | medium           | medium                 | medium                    | medium            |
| LEAF BLADE: L | ENGTH            |                        |                           |                   |
|               | medium           | medium                 | medium                    | medium            |
| LEAF BLADE: W | /IDTH            |                        |                           |                   |
|               | broad            | broad                  | broad                     | medium            |
| LEAF BLADE: S | HAPE             |                        | <del> </del>              |                   |
|               | ovate            | ovate                  | ovate                     | ovate             |
| LEAF BLADE: L | OBES             |                        |                           |                   |
|               | present          | present                | present                   | present           |
| LEAF BLADE: R | ELATIVE POSITION | OF LOBES               |                           |                   |
|               | free             | incurved but           | free                      | free              |
|               |                  | not touching           |                           |                   |
| LEAF BLADE: A | NGLE OF DISTAL P | _                      |                           |                   |
|               | obtuse           | obtuse                 | approximately right angle | obtuse            |
|               |                  |                        | iigin aligic              |                   |
| LEAF BLADE: S |                  | narrowy agyminata      | aayminata                 | aguta             |
|               | acute            | narrow acuminate       | acuminate                 | acute             |
| LEAF BLADE: I | NTENSITY OF GREE | N COLOUR OF UPF medium |                           | douls             |
|               | dark             | medium                 | dark                      | dark              |
| LEAF BLADE: B | LISTERING OF UPP |                        | 4                         |                   |
|               | weak             | absent or<br>very weak | absent or<br>very weak    | weak              |
|               |                  | very weak              | very weak                 |                   |
| PETIOLE: LENG |                  | medium                 | medium                    | medium            |
|               | long             | meurum                 | megiuiii                  | meann             |
| PEDUNCLE: LE  |                  | 1:                     |                           | 41                |
|               | long             | medium                 | medium                    | medium            |
| PEDUNCLE: TH  |                  |                        | 4.                        |                   |
|               | medium           | medium                 | thin                      | thin              |
| PEDUNCLE: INT | ENSITY OF GREEN  |                        |                           |                   |
|               | light            | medium                 | medium                    | medium            |
| PEDUNCLE: AN  | THOCYANIN COLO   | URATION                |                           |                   |
|               | strong           | absent or              | absent or                 | absent or         |
|               |                  | very weak              | very weak                 | very weak         |
| SPATHE: POSIT | ION COMPARED TO  |                        |                           |                   |
|               | slightly above   | same level             | slightly above            | slightly above    |

| SPATHE: SIZE    | medium   | medium                                    | medium                    | medium                                     |
|-----------------|--|---|---------------------------|--|
| SPATHE: SHAPE   | ovate  | broad ovate                               | ovate                     | ovate                                      |
| SPATHE: LOBES   | absent   | absent                                    | absent                    | absent                                     |
| SPATHE: SHAPE   | OF DISTAL PART acute                               | obtuse                                    | obtuse                    | acute                                      |
| SPATHE: SHAPE   | OF TIP<br>acute                                    | narrow acuminate                          | acuminate                 | acuminate                                  |
| SPATHE : MAIN C | COLOUR OF UPPER<br>ca. 155A-B with<br>51D and 144D | SIDE (RHS)<br>155C with 144A              | 56B with 144A             | 49A with ca. 144A<br>w. transition to 157B |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>ca. 155A-B with<br>51D and 147D  | R SIDE (RHS)<br>155C with ca 144A         | 56D with 144B             | 144B                                       |
| SPATHE: GLOSSI  | NESS<br>weak                                       | weak                                      | medium                    | medium                                     |
| SPATHE: BLISTE  | RING<br>weak                                       | weak                                      | medium                    | weak                                       |
| SPATHE: SHAPE   | OF CROSS SECTION concave                           | N OF MIDDLE ZON<br>concave to<br>straight | E<br>concave              | concave                                    |
| SPATHE: ANGLE   | OF DISTAL PART Tobtuse                             | TO THE PEDUNCLE<br>obtuse                 | approximately right angle | approximately right angle                  |
| SPATHE: DISTAN  | CE BETWEEN SPA<br>short                            | DIX AND SINUS<br>very short               | very short                | very short                                 |
| SPADIX: LENGTH  | I<br>medium  | medium                                    | short                     | medium                                     |
| SPADIX: WIDTH   | AT THE MIDDLE<br>medium                            | narrow                                    | medium                    | medium                                     |
| SPADIX: ROLLIN  | G<br>absent  | absent                                    | absent                    | absent                                     |
| SPADIX: CURVA   | TURE OF LONGITU<br>straight                        | DINAL AXIS<br>weakly incurved             | straight                  | straight                                   |
| SPADIX: TAPERII | NG TOWARDS THE<br>weak                             | TOP<br>very weak                          | weak                      | very weak                                  |
| SPADIX: MAIN CO | OLOUR OF BASAL                                     | PART SHORTLY B                            | EFORE DEHISCEN            | CE OF ANTHER                               |

|              | yellow                 | yellow                    | yellow                   | yellow                        |  |
|--------------|------------------------|---------------------------|--------------------------|-------------------------------|--|
| SPADIX: MAIN | COLOUR OF DI<br>yellow | STAL PART SHORT<br>yellow | LY BEFORE DEHI<br>yellow | SCENCE OF ANTHER<br>yellow    |  |
| SPADIX: MAIN | COLOUR OF DI<br>yellow | STAL PART SHORT<br>yellow | LY AFTER DEHISO          | CENCE OF ANTHER orange to red |  |

# Flamingo Flower (Anthurium andraeanum)

Variety: 'Sugar Love'

Synonym: N/A

**Application no:** 2003/043 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 27-Feb-2003 **Accepted:** 29-Apr-2003

Granted: N/A

Description

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Journal:

Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### 'Sugar Love'

Application No: 2003/043 Accepted: 29 Apr 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size small. Leaf blade: length medium, width broad, shape broad-ovate, lobes present, relative position of lobes free, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side dark, anthocyanin colouration, blistering of upper side weak. Petiole: length short, length medium, thickness thin, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly above, size medium, shape broad ovate, relative position of lobes absent, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 39B to RHS 38A, main colour of lower side RHS 41D, glossiness weak, blistering medium, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle medium, rolling absent, curvature of longitudinal axis weakly incurved, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther pink, main colour of distal part shortly after dehiscence of anther yellow. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 923 x pollen parent No. 9322 in a planned breeding program in Schipluiden, The Netherlands in 1992. In comparison to parental varieties 'Sugar Love' was found to be bushier with stronger leaf petioles compared to No. 923. Similarly, parental variety No. 9322 had orange spathe compared to salmon pink spathe of 'Sugar Love'. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with pink flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour pink to red. On this basis 'Lady Love', 'Tender Love', and 'Orange Love' were chosen as comparators. 'Sugar Love' is predominantly lighter orange spathe red group RHS 39B to RHS 38A. 'Orange Love' has predominantly orange spathe' red group RHS 41C to 41D. 'Tender Love' is characterised by light pink spathe RHS 51D to RHS 54C with tinge of green RHS 143C at the spadix end of spathe. 'Lady Love' has predominantly pink spathe, red group RHS 47B-C fading to RHS 48A-B. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

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

| Country     | Year | <b>Current Status</b> | Name Applied |
|-------------|------|-----------------------|--------------|
| EU          | 1997 | Granted               | 'Sugar Love' |
| Japan       | 1998 | Applied               | 'Sugar Love' |
| USA         | 1998 | Granted               | 'Sugar Love' |
| New Zealand | 2003 | Granted               | 'Sugar Love' |

First sold in The Netherlands in Mar 1999.

|   | 'Sugar Love'  | *'Tender Love'   | *'Orange Love'                             | *'Lady Love'                      |
|---|---|--|--|-----------------------------------|
| PLANT: SIZE   |   |  |  |                                   |
|   | small   | medium   | small                                      | medium                            |
| LEAF BLADE: LE  | ENGTH   |  |  |                                   |
|   | medium  | medium to long   | short to medium                            | medium                            |
| LEAF BLADE: W   |   |  |  |                                   |
|   | broad   | medium to broad  | broad                                      | medium                            |
| LEAF BLADE: SH  |   |  |  |                                   |
|   | broad-ovate   | ovate  | ovate                                      | ovate                             |
| LEAF BLADE: RE  | ELATIVE POSITIO   | N OF LOBES   |  |                                   |
|   | free  | free   | free                                       | free                              |
| LEAF BLADE: AN  | NGLE OF DISTAL  |  |  |                                   |
|   | obtuse  | approximately right angle                                | obtuse                                     | obtuse                            |
|   |   |  |  |                                   |
| LEAF BLADE: SH  | IAPE OF TIP acute   | acute  | acute                                      | acute                             |
|   | acute   | acuic  | acuic                                      | acuic                             |
| LEAF BLADE: IN  |   | EN COLOUR OF UPI   |  | 41-                               |
|   | dark  | dark   | light                                      | dark                              |
| LEAF BLADE: BI  | LISTERING OF UPI  |  | 1  | 1                                 |
|   | weak  | weak   | absent or<br>very weak                     | absent or<br>very weak            |
| DETIOLE LENGT   | 711   |  |  |                                   |
| PETIOLE: LENGT  | .H<br>short   | long   | short                                      | medium                            |
|   |   | - 8  |  |                                   |
|   |   |  |  |                                   |
| PEDUNCLE: LEN   |   | long   | medium                                     | long                              |
|   | medium  | long   | medium                                     | long                              |
|   | medium  |  |  |                                   |
| PEDUNCLE: THI   | medium CKNESS thin  | medium   | thin                                       | long                              |
| PEDUNCLE: THI   | medium  CKNESS thin  ENSITY OF GREEN  | medium N COLOUR OF MIDE                                  | thin DLE PART                              | medium                            |
| PEDUNCLE: THI   | medium CKNESS thin  | medium   | thin                                       |                                   |
| PEDUNCLE: THIC  | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO                                     | medium  N COLOUR OF MIDE medium  DURATION                | thin<br>DLE PART<br>medium                 | medium                            |
| PEDUNCLE: THIC  | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO absent or                           | medium N COLOUR OF MIDE medium                           | thin DLE PART medium absent or             | medium  dark  absent or           |
| PEDUNCLE: THIC<br>PEDUNCLE: INTI<br>PEDUNCLE: ANT           | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO absent or very weak                 | medium  N COLOUR OF MIDE medium  DURATION weak           | thin<br>DLE PART<br>medium                 | medium                            |
| PEDUNCLE: THIC PEDUNCLE: INTI PEDUNCLE: ANT                 | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO absent or very weak  ON COMPARED TO | medium  N COLOUR OF MIDE medium  DURATION weak  O LEAVES | thin  DLE PART medium  absent or very weak | medium  dark  absent or very weak |
| PEDUNCLE: THIC PEDUNCLE: INTI PEDUNCLE: ANT SPATHE: POSITIO | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO absent or very weak                 | medium  N COLOUR OF MIDE medium  DURATION weak           | thin DLE PART medium absent or             | medium  dark  absent or           |
| PEDUNCLE: ANT   | medium  CKNESS thin  ENSITY OF GREEN medium  CHOCYANIN COLO absent or very weak  ON COMPARED TO | medium  N COLOUR OF MIDE medium  DURATION weak  O LEAVES | thin  DLE PART medium  absent or very weak | medium  dark  absent or very weak |

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|                 | broad ovate                               | ovate  | broad ovate               | ovate                     |
|-----------------|---|--|---------------------------|---------------------------|
| SPATHE: LOBES   | absent                                    | present  | absent                    | absent                    |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                     | obtuse   | obtuse                    | obtuse                    |
| SPATHE: SHAPE   | OF TIP acuminate                          | acuminate  | acuminate                 | acuminate                 |
| SPATHE: MAIN C  | OLOUR OF UPPER<br>39B to 38A              | SIDE (RHS)<br>51B fading to 54C<br>with tinge of 143C<br>at the base | 41C to 41D                | 47C-B fading<br>to 48A –B |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>41D                     | R SIDE (RHS)<br>51D to 54D   | 37B                       | 48B fading to 49A         |
| SPATHE: GLOSSI  | NESS<br>weak                              | weak   | weak                      | weak                      |
| SPATHE: BLISTE  | RING<br>medium                            | medium   | medium                    | medium                    |
| SPATHE: SHAPE   | OF CROSS SECTION                          | N OF MIDDLE ZON concave  | E<br>concave              | concave                   |
| SPATHE: ANGLE   | OF DISTAL PART Tapproximately right angle | TO THE PEDUNCLE approximately right angle                            | approximately right angle | obtuse                    |
| SPATHE: DISTAN  | ICE BETWEEN SPA<br>very short             | DIX AND SINUS<br>very short  | very short                | very short                |
| SPADIX: LENGTH  | I<br>medium                               | medium   | medium                    | short                     |
| SPADIX: WIDTH   | AT THE MIDDLE medium                      | medium   | narrow                    | narrow                    |
| SPADIX: ROLLIN  | G<br>absent                               | absent   | absent                    | absent                    |
| SPADIX: CURVA   | TURE OF LONGITU<br>weakly incurved        | DINAL AXIS<br>weakly incurved  | weakly incurved           | straight                  |
| SPADIX: TAPERII | NG TOWARDS THE<br>weak                    | TOP<br>weak  | weak                      | weak                      |
| SPADIX: MAIN C  | OLOUR OF BASAL yellow                     | PART SHORTLY B<br>yellow   | EFORE DEHISCENG<br>yellow | CE OF ANTHER yellow       |
| SPADIX: MAIN C  | OLOUR OF DISTAL<br>yellow                 | PART SHORTLY E   | BEFORE DEHISCEN<br>yellow | CE OF ANTHER yellow       |

| SPADIX: MAIN COLOUR OF BASAL PART SHORTLY AFTER DEHISCENCE OF ANTHER |   |        |                |                  |  |
|--|---|--------|----------------|------------------|--|
|  | pink  | pink   | white to cream | white to cream   |  |
|  |   |        |                |                  |  |
| SPADIX: MAIN   | SPADIX: MAIN COLOUR OF DISTAL PART SHORTLY AFTER DEHISCENCE OF ANTHER |        |                |                  |  |
|  | yellow  | orange | yellow         | yellow to orange |  |
|  |   |        |                |                  |  |

## Flamingo Flower (Anthurium andraeanum)

Variety: 'Exciting Love'

Synonym: N/A

**Application no:** 2003/140 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 20-Jun-2003

Granted: N/A

Description

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**Agent:** Futura Promotions Pty Ltd

**Telephone:** (07) 3207 1563 **Fax:** (07) 3207 4295



Flamingo Flower

#### **Exciting Love**

Application No.: 2003/140 Accepted 20 Jun 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width medium, shape narrow-ovate, lobes present, relative position of lobes free, angle of distal part approximately right angle, shape of tip narrow acute, intensity of green colour of upper side medium, blistering of upper side absent or very weak. Petiole: length medium. Peduncle: length medium to long, thickness medium, intensity of green colour of middle part light, anthocyanin colouration weak. Spathe: position compared to leaves slightly above, size medium, shape broad ovate, lobes absent, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 181 A-B and RHS 146A, main colour of lower side RHS 47C and RHS 146B, glossiness medium, blistering strong, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length short to medium, width at the middle medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top very weak, main colour of basal part shortly before dehiscence of anther orange, main colour of distal part shortly before dehiscence of anther yellow to green, main colour of basal part shortly after dehiscence of anther orange, main colour of distal part shortly after dehiscence of anther orange. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Spontaneous mutation: originated as a spontaneous mutation from 'Red Love' in a planned breeding program in Schipluiden, The Netherlands in 1999. In comparison to parental variety 'Exciting Love' was found to have predominantly red and green spathe with flowers held only slightly above foliage compared to 'Red Love' which has predominantly red spathe' red group RHS 47B, with flowers held far above foliage. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with red flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour red. On this basis 'Lucky Leny' and 'Red Love' were chosen as comparators. 'Exciting Love' has predominantly red and green spathe with flowers held only slightly above foliage 'Lucky Leny' is characterised by predominantly red spathe RHS 178B changing RHS 46A with bigger leaves and spathe but flowers held at about same level as foliage. 'Red Love' has predominantly red spathe' red group RHS 47B, with flowers held far above foliage. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

**Prior Applications and Sales** 

| Country     | Year | <b>Current Status</b> | Name Applied    |
|-------------|------|-----------------------|-----------------|
| EU          | 2002 | Granted               | 'Exciting Love' |
| USA         | 2003 | Granted               | 'Exciting Love' |
| New Zealand | 2003 | Granted               | 'Exciting Love' |

First sold in The Netherlands in Jul 2002.

|                  | 'Exciting Love'   | *'Red Love'      | *'Lucky Leny'   |
|------------------|-------------------|------------------|-----------------|
| PLANT: SIZE      |                   |                  |                 |
|                  | medium            | medium           | small           |
| LEAF BLADE: LE   | ENGTH             |                  |                 |
|                  | medium            | medium           | medium to long  |
| LEAF BLADE: W    |                   |                  |                 |
|                  | medium            | medium           | medium to broad |
| LEAF BLADE: SH   | IAPE              |                  |                 |
|                  | narrow-ovate      | narrow-ovate     | narrow-ovate    |
| LEAF BLADE: LO   | OBES              |                  |                 |
|                  | present           | present          | present         |
| LEAF BLADE: RE   | ELATIVE POSITION  |                  |                 |
|                  | free              | free             | free            |
| LEAF BLADE: AN   | NGLE OF DISTAL PA |                  |                 |
|                  | approximately     | approximately    | approximately   |
|                  | right angle       | right angle      | right angle     |
| LEAF BLADE: SH   |                   |                  |                 |
|                  | narrow acute      | acute            | narrow acute    |
| LEAF BLADE: IN   | TENSITY OF GREE   | N COLOUR OF UPPI | ER SIDE         |
|                  | medium            | light to medium  | medium          |
| LEAF BLADE: BI   | LISTERING OF UPPE | ER SIDE          |                 |
|                  | absent or         | absent or        | absent or       |
|                  | very weak         | very weak        | very weak       |
| PETIOLE: LENGT   |                   |                  |                 |
|                  | medium            | medium           | short           |
| PEDUNCLE: LEN    | GTH               |                  |                 |
|                  | medium to long    | long             | short           |
| PEDUNCLE: THIC   | CKNESS            |                  |                 |
|                  | medium            | medium to thick  | thin            |
| PEDUNCLE: INTI   | ENSITY OF GREEN   | COLOUR OF MIDDI  | LE PART         |
|                  | light             | light            | light to medium |
| PEDUNCLE: ANT    | HOCYANIN COLO     | URATION          |                 |
|                  | weak              | medium to strong | absent or       |
|                  |                   |                  | very weak       |
| SPATHE: POSITION | ON COMPARED TO    | LEAVES           |                 |
|                  | slightly above    | far above        | same level      |
| SPATHE: SIZE     |                   |                  |                 |

|                 | medium                                    | medium                                    | small                             |
|-----------------|---|---|-----------------------------------|
| SPATHE: SHAPE   | broad ovate                               | broad ovate                               | ovate                             |
| SPATHE: LOBES   | absent                                    | absent                                    | present                           |
| SPATHE: SHAPE   | OF DISTAL PART obtuse                     | obtuse                                    | obtuse                            |
| SPATHE: SHAPE   | OF TIP                                    |   |                                   |
|                 | acuminate                                 | narrow acuminate                          | acuminate                         |
| SPATHE: MAIN C  | OLOUR OF UPPER<br>181 A-B and 146A        |   | 178B changing to 46A              |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>47C and 146B            | R SIDE (RHS)<br>47D                       | 183B changing<br>to N34A          |
| SPATHE: GLOSSI  | NESS<br>medium                            | strong                                    | strong                            |
| SPATHE: BLISTE  | RING<br>strong                            | strong                                    | strong                            |
| SPATHE: SHAPE   | OF CROSS SECTION concave                  | N OF MIDDLE ZON concave                   | E<br>straight convex              |
| SPATHE: ANGLE   | OF DISTAL PART Tapproximately right angle | TO THE PEDUNCLE approximately right angle | approximately<br>right angle      |
| SPATHE: DISTAN  | CE BETWEEN SPA                            | DIX AND SINUS<br>very short               | very short                        |
| SPADIX: LENGTH  | I<br>short medium                         | medium                                    | short medium                      |
| SPADIX: WIDTH   | AT THE MIDDLE medium                      | broad                                     | narrow medium                     |
| SPADIX: ROLLIN  | G<br>absent                               | absent                                    | absent                            |
| SPADIX: CURVA   | ΓURE OF LONGITU<br>straight               | DINAL AXIS<br>straight                    | straight                          |
| SPADIX: TAPERII | NG TOWARDS THE<br>very weak               | TOP<br>very weak                          | medium                            |
| SPADIX: MAIN C  | OLOUR OF BASAL orange                     | PART SHORTLY B<br>orange                  | EFORE DEHISCENCE OF ANTHER yellow |

| SPADIX: MAIN C | OLOUR OF DISTAL<br>yellow to green | PART SHORTLY Forange  | BEFORE DEHISCENCE OF ANTHER yellow |
|----------------|------------------------------------|-----------------------|------------------------------------|
| SPADIX: MAIN C | OLOUR OF DISTAL<br>orange          | PART SHORTLY A orange | AFTER DEHISCENCE OF ANTHER yellow  |

# Flamingo Flower (Anthurium andraeanum)

Variety: 'Tender Love'

Synonym: N/A

**Application no:** 2003/141 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Jun-2003 **Accepted:** 20-Jun-2003

Granted: N/A

Description

published in Plant Varieties

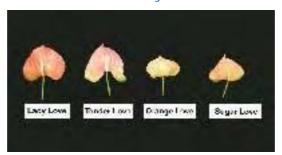
Volume 18, Issue 1

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

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Flamingo Flower

#### 'Tender Love'

Application No.: 2003/141 Accepted 20 Jun 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium to long, width medium to broad, shape ovate, lobes present, relative position of lobes free, angle of distal part approximately right angle, shape of tip acute, intensity of green colour of upper side dark, blistering of upper side weak. Petiole: length long. Peduncle: length long, thickness medium, intensity of green colour of middle part medium, anthocyanin colouration weak. Spathe: position compared to leaves same level, size medium to large, shape ovate, lobes present, relative position of lobes free, shape of distal part obtuse, shape of tip acuminate, main colour of upper side RHS 51B fading to RHS 54C with a tinge of RHS 143C at the base, main colour of lower side RHS 51D to RHS 54D, glossiness weak, blistering medium, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle medium, rolling absent, curvature of longitudinal axis weakly incurved, tapering towards the top weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of basal part shortly after dehiscence of anther orange. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 9608 x pollen parent No. 9715 in a planned breeding program in Schipluiden, The Netherlands in 1998. In comparison to parental varieties 'Tender Love' was found to be bushier than No. 9608. Similarly, predominant spathe colour of 'Tender Love' is light pink RHS 51D to RHS 54C with ting of green RHS 143C at the spadix end of spathe. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: bushy plants with pink flower colour. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was - Spathe colour: pink to red. On this basis 'Lady Love', 'Orange Love', and 'Sugar Love' were chosen as comparators. 'Tender Love' is characterized by light pink spathe RHS 51D to RHS 54C with ting of green RHS 143C at the spadix end of spathe. 'Lady Love' has predominantly pink spathe, red group RHS 47B-C fading to RHS 48A-B. 'Orange Love' has predominantly orange spathe' red group RHS 41C to 41D. 'Sugar Love' is also predominantly lighter orange spathe red group RHS 39B to RHS 38A. No other varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

### **Prior Applications and Sales**

| Country     | Year | Current Status | Name Applied  |
|-------------|------|----------------|---------------|
| EU          | 2001 | Granted        | 'Tender Love' |
| USA         | 2003 | Granted        | 'Tender Love' |
| New Zealand | 2003 | Granted        | 'Tender Love' |

Prior sales nil.

| PLANT: SIZE  medium small  LEAF BLADE: LENGTH medium to long short to medium  LEAF BLADE: WIDTH medium to broad broad  LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI medium medium | small medium broad broad-ovate free obtuse | medium  medium  ovate  free  obtuse |
|---|--|-------------------------------------|
| LEAF BLADE: LENGTH medium to long short to medium  LEAF BLADE: WIDTH medium to broad broad  LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPH dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  | medium broad broad-ovate free obtuse       | medium  medium  ovate  free         |
| medium to long short to medium  LEAF BLADE: WIDTH medium to broad broad  LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDIEST AND                       | broad broad-ovate free obtuse              | medium<br>ovate<br>free             |
| LEAF BLADE: WIDTH  medium to broad broad  LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  | broad broad-ovate free obtuse              | medium<br>ovate<br>free             |
| medium to broad broad  LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI   | broad-ovate free obtuse                    | ovate                               |
| LEAF BLADE: SHAPE ovate ovate  LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  | broad-ovate free obtuse                    | ovate                               |
| LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin   | free                                       | free                                |
| LEAF BLADE: RELATIVE POSITION OF LOBES free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin   | free                                       | free                                |
| free free  LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  | obtuse                                     |                                     |
| LEAF BLADE: ANGLE OF DISTAL PART approximately obtuse right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin   | obtuse                                     |                                     |
| approximately right angle  LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH medium  PEDUNCLE: THICKNESS medium thin  |  | obtuse                              |
| LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  |  | obtuse                              |
| LEAF BLADE: SHAPE OF TIP acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  | acute                                      |                                     |
| acute acute  LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPEr dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH medium  PEDUNCLE: THICKNESS medium thin   | acute                                      |                                     |
| LEAF BLADE: INTENSITY OF GREEN COLOUR OF UPPE dark light  LEAF BLADE: BLISTERING OF UPPER SIDE weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH medium  PEDUNCLE: THICKNESS medium thin   | acute                                      |                                     |
| dark light  LEAF BLADE: BLISTERING OF UPPER SIDE  weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin   |  | acute                               |
| LEAF BLADE: BLISTERING OF UPPER SIDE  weak absent or very weak  PETIOLE: LENGTH  long short  PEDUNCLE: LENGTH  long medium  PEDUNCLE: THICKNESS  medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  | ER SIDE                                    |                                     |
| weak absent or very weak  PETIOLE: LENGTH long short  PEDUNCLE: LENGTH medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  | dark                                       | dark                                |
| PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI   |  |                                     |
| PETIOLE: LENGTH long short  PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI   | weak                                       | absent or                           |
| PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI   |  | very weak                           |
| PEDUNCLE: LENGTH long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI   | •  | 4.                                  |
| long medium  PEDUNCLE: THICKNESS medium thin  PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  | short                                      | medium                              |
| PEDUNCLE: THICKNESS medium thin PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  |  |                                     |
| medium thin PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  | medium                                     | long                                |
| PEDUNCLE: INTENSITY OF GREEN COLOUR OF MIDDI  |  |                                     |
|   | thin                                       | medium                              |
| medium medium   | LE PART                                    |                                     |
|   | medium                                     | dark                                |
| PEDUNCLE: ANTHOCYANIN COLOURATION   |  |                                     |
| weak absent or  | absent or                                  | absent or                           |
| very weak   | very weak                                  | very weak                           |
| SPATHE: POSITION COMPARED TO LEAVES   |  |                                     |
| same level slightly above   | slightly above                             | slightly below                      |
| SPATHE: SIZE  |  |                                     |
| medium to large medium  |  | medium to large                     |

|                | ovate  | broad ovate                               | broad ovate               | ovate                     |
|----------------|--|---|---------------------------|---------------------------|
| SPATHE: LOBES  | present  | absent                                    | absent                    | absent                    |
| SPATHE: SHAPE  | OF DISTAL PART obtuse  | obtuse                                    | obtuse                    | obtuse                    |
| SPATHE: SHAPE  | OF TIP acuminate   | acuminate                                 | acuminate                 | acuminate                 |
| SPATHE: MAIN C | OLOUR OF UPPER<br>51B fading to 54C<br>with tinge of 143C<br>at the base | SIDE (RHS)<br>41C to 41D                  | 39B to 38A                | 47C-B fading<br>to 48A –B |
| SPATHE: MAIN C | OLOUR OF LOWER<br>51D to 54D   | R SIDE (RHS)<br>37B                       | 41D                       | 48B fading to 49A         |
| SPATHE: GLOSSI | NESS<br>weak   | weak                                      | weak                      | weak                      |
| SPATHE: BLISTE | RING<br>medium   | medium                                    | medium                    | medium                    |
| SPATHE: SHAPE  | OF CROSS SECTION concave   | N OF MIDDLE ZON concave                   | E<br>concave              | concave                   |
| SPATHE: ANGLE  | OF DISTAL PART Tapproximately right angle                                | TO THE PEDUNCLE approximately right angle | approximately right angle | obtuse                    |
| SPATHE: DISTAN | ICE BETWEEN SPA<br>very short  | DIX AND SINUS<br>very short               | very short                | very short                |
| SPADIX: LENGTH | I<br>medium  | medium                                    | medium                    | short                     |
| SPADIX: WIDTH  | AT THE MIDDLE medium   | narrow                                    | medium                    | narrow                    |
| SPADIX: ROLLIN | G<br>absent  | absent                                    | absent                    | absent                    |
| SPADIX: CURVA  | TURE OF LONGITU weakly incurved  | DINAL AXIS weakly incurved                | weakly incurved           | straight                  |
| SPADIX: TAPERI | NG TOWARDS THE<br>weak   | TOP<br>weak                               | weak                      | weak                      |
| SPADIX: MAIN C | OLOUR OF BASAL yellow  | PART SHORTLY B<br>yellow                  | EFORE DEHISCENO<br>yellow | CE OF ANTHER yellow       |
| SPADIX: MAIN C | OLOUR OF DISTAL<br>yellow  | PART SHORTLY E                            | BEFORE DEHISCEN<br>yellow | CE OF ANTHER yellow       |

| SPADIX: MAIN COLOUR OF BA | SAL PART SHORTLY  | AFTER DEH   | ISCENCE OF ANTHER  |
|---------------------------|-------------------|-------------|--------------------|
| pink                      | white to cream    | pink        | white to cream     |
|                           |                   |             |                    |
| SPADIX: MAIN COLOUR OF DI | STAL PART SHORTLY | Y AFTER DEH | IISCENCE OF ANTHER |
| orange                    | yellow            | yellow      | yellow to orange   |
|                           |                   |             |                    |

# Flamingo Flower (Anthurium andraeanum)

Variety: 'Rijn199922'

Synonym: N/A

**Application no:** 2003/168 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-Jul-2003 **Accepted:** 13-Aug-2003

Granted: N/A

Description

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Title Holder: Rijnplant B.V.

**Agent:** Futura Promotions Pty Ltd

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Flamingo Flower

### 'Rijn199922'

Application No.: 2003/168 Accepted 13 Aug 2003. Applicant: **Rijnplant B.V.,** Schipluiden, The Netherlands. Agent: **Futura Promotions Pty Ltd,** Wellington Point, QLD.

Characteristics Plant: size medium. Leaf blade: length medium, width medium, shape ovate, lobes present, relative position of lobes free, angle of distal part obtuse, shape of tip acute, intensity of green colour of upper side dark, blistering of upper side weak. Petiole: length medium. Peduncle: length medium, thickness thin, intensity of green colour of middle part medium, anthocyanin colouration absent or very weak. Spathe: position compared to leaves slightly above, size medium, shape ovate, lobes absent, shape of distal part acute, shape of tip acuminate, main colour of upper side RHS 49A with ca. RHS 144A with transition to RHS 157B, main colour of lower side RHS 144B, glossiness medium, blistering weak, shape of cross section of middle zone concave, angle of distal part to the peduncle approximately right angle, distance between spadix and sinus very short. Spadix: length medium, width at the middle medium, rolling absent, curvature of longitudinal axis straight, tapering towards the top very weak, main colour of basal part shortly before dehiscence of anther yellow, main colour of distal part shortly before dehiscence of anther yellow, main colour of distal part shortly after dehiscence of anther pink, main colour of distal part shortly after dehiscence of anther orange to red. (Note: Physiological characteristics variable with environment, nutrition and time of the year. RHS colour chart numbers refer to 2000 edition.)

**Origin and Breeding** Controlled pollination: seed parent No. 9608 x pollen parent No. 9715 in a planned breeding program in Schipluiden, The Netherlands in 1998. In comparison to parental varieties 'Rijn 199922' was found to have predominantly green with red RHS 49A on the apex end of spathe and veins and transitional colour of green white RHS 157C compared to predominantly Red and white spathe of No. 9608; No. 9715 has much smaller leaves. Subsequent propagation through division showed that it was stable and distinct. Selection criteria: predominantly green on the spadix end of spathe boarders and some red colouration on the apex end of the spathe and transitional colour green white RHS 157C. Propagation: asexual. Breeder: L. van Rijn, Schipluiden, The Netherlands.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge was – Spathe: colour light pink to whitish. On this basis 'Whispering Love', 'Fresh Love', and 'Changing Love' were chosen as comparators. 'Fresh Love' has predominantly light pink to whitish spathe with green on the spadix end of spathe boarders and some red colouration on the apex end of the spathe. 'Changing Love' has predominantly green and pink/red spathe with green RHS 144D on the spadix end of the spathe boarders; 'Whispering Love' is predominantly pink. No other similar varieties of common knowledge have been identified.

**Comparative Trial** Location: Marlborough Nursery, Wellington Point, QLD, 2004 to 2005. Conditions: trial conducted in Greenhouse, ex-tissue culture plants potted into 170mm pots with soil-less media (peat and bark based), nutrition maintained with controlled release fertilisers, pest and disease control as required. Trial design: 15 pots of each variety arranged in a completely randomised design. Measurements: from 10 plants at random where needed.

**Prior Applications and Sales** 

| Country     | Year | Current Status | Name Applied  |
|-------------|------|----------------|---------------|
| EU          | 2002 | Granted        | 'Rijn 199922' |
| New Zealand | 2003 | Granted        | 'Rijn 199922' |

Prior sales nil.

|                | 'Rijn 199922'   | *'Changing Love' | *'Fresh Love'                | *'Whispering Love'        |
|----------------|-----------------|------------------|------------------------------|---------------------------|
| PLANT: SIZE    |                 |                  |                              |                           |
|                | medium          | medium           | medium                       | medium                    |
| LEAF BLADE: L  | ENGTH           |                  |                              |                           |
|                | medium          | medium           | medium                       | medium                    |
| LEAF BLADE: W  | VIDTH           |                  |                              |                           |
|                | medium          | broad            | broad                        | broad                     |
| LEAF BLADE: S  | HAPE            |                  |                              |                           |
|                | ovate           | ovate            | ovate                        | ovate                     |
| LEAF BLADE: L  | OBES            |                  |                              |                           |
|                | present         | present          | present                      | present                   |
| LEAF BLADE: R  | ELATIVE POSITIO |                  |                              |                           |
|                | free            | free             | incurved but<br>not touching | free                      |
| LEAF BLADE: A  | NGLE OF DISTAL  | PART             |                              |                           |
|                | obtuse          | obtuse           | obtuse                       | approximately right angle |
| LEAF BLADE: S  | HAPE OF TIP     |                  |                              |                           |
|                | acute           | acute            | narrow acuminate             | acuminate                 |
| LEAF BLADE: IN | NTENSITY OF GRE | EN COLOUR OF UPP | ER SIDE                      |                           |
|                | dark            | dark             | medium                       | dark                      |
| LEAF BLADE: B  | LISTERING OF UP |                  |                              |                           |
|                | weak            | weak             | absent or                    | absent or                 |
|                |                 |                  | very weak                    | very weak                 |
| PETIOLE: LENG  | TH<br>medium    | long             | medium                       | medium                    |
|                | medium          | long             | medium                       | medium                    |
| PEDUNCLE: LE   |                 | 1                | 1:                           | 4:                        |
|                | medium          | long             | medium                       | medium                    |
| PEDUNCLE: TH   |                 |                  |                              |                           |
|                | thin            | medium           | medium                       | thin                      |
| PEDUNCLE: INT  |                 | N COLOUR OF MIDD |                              |                           |
|                | medium          | light            | medium                       | medium                    |
| PEDUNCLE: AN   | THOCYANIN COLO  | OURATION         |                              |                           |
|                | absent or       | strong           | absent or                    | absent or                 |
|                | very weak       |                  | very weak                    | very weak                 |
| SPATHE: POSIT  | ION COMPARED T  |                  |                              | 1. 1.1                    |
|                | slightly above  | slightly above   | same level                   | slightly above            |

| SPATHE: SIZE    | medium   | medium  | medium                      | medium                    |
|-----------------|--|---|-----------------------------|---------------------------|
| SPATHE: SHAPE   | ovate  | ovate   | broad ovate                 | ovate                     |
| SPATHE: LOBES   | absent   | absent  | absent                      | absent                    |
| SPATHE: SHAPE   | OF DISTAL PART acute   | acute   | obtuse                      | obtuse                    |
| SPATHE: SHAPE   | OF TIP acuminate   | acute   | narrow acuminate            | acuminate                 |
| SPATHE : MAIN C | COLOUR OF UPPER<br>49A with ca. 144A<br>w. transition to157B | ca. 155A-B with                               | 155C with 144A              | 56B with 144A             |
| SPATHE: MAIN C  | OLOUR OF LOWER<br>144B                                       | SIDE (RHS)<br>ca. 155A-B with<br>51D and 147D | 155C with ca 144A           | 56D with 144B             |
| SPATHE: GLOSSI  | NESS<br>medium   | weak  | weak                        | medium                    |
| SPATHE: BLISTE  | RING<br>weak   | weak  | weak                        | medium                    |
| SPATHE: SHAPE   | OF CROSS SECTION concave                                     | OF MIDDLE ZONI<br>concave                     | E<br>concave to<br>straight | concave                   |
| SPATHE: ANGLE   | OF DISTAL PART T<br>approximately<br>right angle             | O THE PEDUNCLE obtuse                         | obtuse                      | approximately right angle |
| SPATHE: DISTAN  | CE BETWEEN SPAI<br>very short                                | DIX AND SINUS short                           | very short                  | very short                |
| SPADIX: LENGTH  | I<br>medium  | medium  | medium                      | short                     |
| SPADIX: WIDTH   | AT THE MIDDLE<br>medium                                      | medium  | narrow                      | medium                    |
| SPADIX: ROLLIN  | G<br>absent  | absent  | absent                      | absent                    |
| SPADIX: CURVA   | TURE OF LONGITUI<br>straight                                 | DINAL AXIS<br>straight                        | weakly incurved             | straight                  |
| SPADIX: TAPERII | NG TOWARDS THE very weak                                     | TOP<br>weak                                   | very weak                   | weak                      |
| SPADIX: MAIN CO | OLOUR OF BASAL 1   | PART SHORTLY BI                               | EFORE DEHISCENC             | CE OF ANTHER              |

|              | yellow                         | yellow         | yellow                    | yellow              |
|--------------|--------------------------------|----------------|---------------------------|---------------------|
| SPADIX: MAIN | COLOUR OF DISTAL<br>yellow     | PART SHORTLY E | BEFORE DEHISCEN yellow    | CE OF ANTHER yellow |
| SPADIX: MAIN | COLOUR OF DISTAL orange to red | PART SHORTLY A | AFTER DEHISCENC<br>yellow | E OF ANTHER green   |

## Fanflower (Scaevola aemula)

Variety: 'Zig Zag' Synonym: N/A

**Application no:** 2002/316 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 23-Oct-2002 **Accepted:** 07-Nov-2002

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Rodney & Rachel Saunders

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018



Scaevola aemula

Fanflower

### 'Zig Zag'

Application No: 2002/316 Accepted: 7 Nov 2002.

Applicant: **Rodney & Rachel Saunders**, Kenilworth, South Africa. Agent: **Plants Management Australia Pty Ltd, W**onga Park, VIC.

Characteristics Plant: growth habit semi prostrate, density dense. Stem: internode length short to medium, colour of upper surface brown (RHS 200B), colour of lower surface yellow-green (RHS 144A). Leaf: length mean 74mm, width mean 25.8, shape of blade spathulate, shape of apex acute, shape of base attenuate, shape of margin serrate, colour of upper surface yellow-green (RHS 146A), colour of lower surface yellow-green (RHS 146C). Inflorescence: length from new bud tip to oldest opened flower short. Corolla lobe: main colour when newly opened white (RHS 155C), colour of mid rib when newly opened white (RHS 157A) and violet (RHS 90C), main colour when newly fully expanded white (RHS 155C), colour of mid rib when newly fully expanded violet (RHS 90A). (Note: all RHS numbers refer to 1995 edition.)

**Origin and Breeding** Mutation: from the parent common un-named blue *Scaevola aemula* as a result of soma clonal variations in tissue culture in 1998 at Silverhill Laboratory (Frontier Laboratories), Kenilworth, Republic of South Africa. The variants were planted out in trial gardens at the same location and grown to maturity during 1999 and 2000. In Oct 2000 one of the variants was selected. Selection criteria: Bicolour flower present. Propagation: material from the selection was transferred to Europe where it continued asexually through several generations and all were found to be uniform and stable. 'Zig Zag' will continue to be commercially propagated by vegetative cuttings and tissue culture. Breeders: Rodney and Rachel Saunders, Kenilworth, Republic of South Africa.

Choice of Comparators Grouping characteristics used to identify the most similar varieties of common knowledge were – Plant: growth habit prostrate to semi prostrate, Flower: colour presence of violet to violet-blue colour, Inflorescence: length (from new bud tip to oldest opened flower) short. 'Blue Fandango', 'Summertime Blues' and 'Purple Fanfare' were considered as comparator varieties but were eliminated by the grouping characteristics. On the basis of these grouping characteristics the following comparator variety was included in the trial: *Scaevola aemula* 'New Wonder'.

**Comparative Trial** Location: Wonga Park, VIC, spring-summer 2004/5. Conditions: trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots on 23 Oct 2004. Pots filled with soilless, pine bark based mix and maintained with controlled release fertilisers. Appropriate pest and disease treatments were applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from ten plants randomly selected. One sample per plant.

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

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| EU      | 2001 | Granted               | 'Zig Zag'    |
| Canada  | 2002 | Applied               | 'Zig Zag'    |
| USA     | 2002 | Applied               | 'Zig Zag'    |

First sold in UK and Netherlands 1 Feb 2002.

Description: Steven Eggleton, Lilydale, VIC.

## Table Scaevola varieties

|                  | 'Zig Zag'             | *'New Wonder'                      |
|------------------|-----------------------|------------------------------------|
| PLANT: DENSITY   |                       |                                    |
|                  | dense                 | medium                             |
| LEAF: LENGTH (mr | n)                    |                                    |
| mean             | 74                    | 47.4                               |
| std deviation    | 6.09                  | 5.08                               |
| LSD/sig          | 7.05                  | P≤0.01                             |
| LEAF: WIDTH (mm) | )                     |                                    |
| mean             | 25.8                  | 18                                 |
| std deviation    | 2.25                  | 2.75                               |
| LSD/sig          | 3.24                  | P≤0.01                             |
| COROLLA LOBE: M  | MAIN COLOUR WHEN NE   | WLY OPENED (RHS 2001)              |
|                  | 155C                  | 90C                                |
| COROLLA LOBE: C  | COLOUR OF MID RIB WHI | EN NEWLY OPENED (RHS 2001)         |
|                  | 157A and 90C          | 90C                                |
| COROLLA LOBE: M  | AAIN COLOUR WHEN NE   | WLY FULLY EXPANDED (RHS 2001)      |
|                  | 155C                  | 90C                                |
| COROLLA LOBE: C  | COLOUR OF MID RIB WHI | EN NEWLY FULLY EXPANDED (RHS 2001) |
|                  | 90A+B                 | 90A                                |
| COROLLA LOBE: M  | AIN COLOUR OF OLDES   | ST FULLY EXPANDED (RHS 2001)       |
|                  | 90C                   | 90C                                |
| COROLLA LOBE: C  |                       | OLDEST FULLY EXPANDED (RHS 2001)   |
|                  | 90A                   | 90A                                |

## Rose (Rosa hybrid)

Variety: 'TAN98485'

Synonym: N/A

**Application no:** 2003/230 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 15-Aug-2003 **Accepted:** 22-Aug-2003

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger

**Agent:** Flora International Pty Ltd

**Telephone**: 0296066222 **Fax**: 0296066841



Rosa hybrid

Rose

### 'Tan98485'

Application no: 2003/230 Accepted: 22 Aug 2003.

Applicant: Rosen Tantau, Mathias Tantau Nachfolger, Uetersen, Germany.

Agent: Flora International Pty Ltd, Leppington, NSW.

Characteristics Plant: growth habit narrow bushy, height medium, width narrow. Young shoot: anthocyanin colouration medium, hue of anthocyanin colouration reddish brown to purple. Prickles: present, shape of lower side flat. Short prickles: number absent. Long prickles: number absent or very few. Leaf: size large, green colour medium, glossiness of upper side medium. Leaflet: cross section slight concave, undulation of margin weak. Terminal leaflet: length of blade long (mean 78.34mm), width of blade broad (mean 53.28mm), shape of base rounded. Flowering shoot: number of flowers few. Flower pedicel: number of hairs or prickles few. Flower bud: shape of longitudinal section broad-ovate. Flower: type double, number of petals very many (mean 69), diameter large (mean 110.12mm), view from above irregularly rounded, side view of upper part convex, side view of lower part flat, fragrance weak. Sepal: extensions very strong. Petal: size large (mean width 49.58mm), colour of middle zone of inner side lilac (RHS 75D fading to 76D), colour of marginal zone of inner side lilac (RHS 75C fading to 76D), spot at base of inner side present, size of spot at base of inner side small, colour of spot at base of inner side white (RHS 155C), colour of middle zone of outer side lilac (RHS lighter than 75D), colour of marginal zone of outer side lilac (RHS 75B fading to 76C), spot at base of outer side present, size of spot at base of outer side small, colour of spot at base of outer side white (RHS 155C), reflexing of margin medium becoming strong as flower matures, undulation of margin weak. Outer stamen: predominant colour of filament greenish white. Inner style: predominant colour yellow. Stigma: height in relation to anthers level. Seed vessel: size small. Hip: shape of longitudinal section funnel-shaped. Time of beginning of flowering (fully open flowers): medium. Flowering: habit almost continuous flowering. (Note: all RHS colour chart numbers refer to 1995 edition.)

**Origin and Breeding** Controlled pollination: seed parent 'R.T. 8721'x pollen parent 'R.T. 9108'. The seed parent is characterised by its lilac flowers with weak leaf glossiness and a poor stem production, unsuitable for cut flower production. The pollen parent is characterised by its pale pink flowers. Hybridisation took place in Uetersen, Germany, in 1997. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: free flowering, flower size, stem length and production, suitability in greenhouse conditions for cut flower production. Propagation: a number of mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. 'Tan98485' will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: Hans Jergen Evers, Uetersen, Germany.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth habit narrow bushy to bushy, height medium. Flower: colour lilac (bluish pink), diameter large. On the basis of these grouping characteristics the following comparator variety was included in the trial: 'Tannacht' syn Blue Moon. 'Grandlavda' and 'Sundel' were originally considered and later rejected due to flower size being smaller and flower colour being of a different purple.

Comparative Trial Location: Clyde, VIC (Latitude 38°09′ South, elevation 16m), summer 2003, measurements taken late Jan. Conditions: trial conducted in an open double skinned polyhouse under a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 16 and 33 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot) and 330mm (3 plants per pot) pots filled with co-co coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required. Trial design: fifty three 330mm pots of 'Tan98485'

and nine 210mm pots of 'Tannacht' on benches. Measurements: from plants at random. One sample per plant stem.

## **Prior Applications and Sales**

| Country           | Year | Current Status | Name Applied |
|-------------------|------|----------------|--------------|
| EU                | 2002 | Granted        | 'TAN98485'   |
| Republic of Korea | 2002 | Granted        | 'TAN98485'   |
| USA               | 2003 | Granted        | 'TAN98485'   |

First overseas sale Germany, Oct 2002. First Australian sale Sep 2003.

Description: Christopher Prescott, Prescott Roses Pty Ltd, Clyde, VIC.

|                      | 'Tan98485'                                | *'Tannacht' syn Blue Moon            |
|----------------------|---|--------------------------------------|
| YOUNG SHOOT: HUE O   | OF ANTHOCYANIN COLO                       | URATION                              |
|                      | reddish brown                             | reddish brown                        |
|                      | to purple                                 |                                      |
| PRICKLES: SHAPE OF I | LOWER SIDE                                |                                      |
|                      | flat                                      | concave                              |
| LONG PRICKLES: NUM   | BER                                       |                                      |
|                      | absent or very few                        | few                                  |
| LEAF: GLOSSINESS OF  | UPPERSIDE                                 |                                      |
|                      | medium                                    | weak                                 |
| LEAFLET: CROSS SECT  | TION                                      |                                      |
|                      | slight concave                            | slight convex                        |
| FLOWER PEDICEL: NUI  | MBER OF HAIRS OR PRIC                     | KLES                                 |
|                      | few                                       | absent                               |
| FLOWER: NUMBER OF    | DETAIC                                    |                                      |
| mean                 | 69  | 28                                   |
| std deviation        | 11.24                                     | 0.71                                 |
| LSD/sig              | 18.87                                     | P≤0.01                               |
| FLOWER: SIDE VIEW C  | OF UPPER PART                             |                                      |
|                      | convex                                    | flattened convex                     |
| PETAL: COLOUR OF M   | IDDLE ZONE OF INNER S                     | IDE (RHS, 1995)                      |
|                      | 75D fading to 76D                         | 76D                                  |
| PETAL: COLOUR OF M   | ARGINAL ZONE OF INNE                      | R SIDE (RHS 1995)                    |
| TETTE: COLOCK OF W.  | 75C fading to 76D                         | 76D                                  |
| DETAIL COLOUD OF CD  | OCT AT DAGE OF DIVERS                     | IDE (DHG 1005)                       |
| PETAL: COLOUR OF SP  | OT AT BASE OF INNER S<br>155C             | absent                               |
|                      |   |                                      |
| PETAL: COLOUR OF M   | IDDLE ZONE OF OUTER S<br>lighter than 75D | SIDE (RHS, 1995)<br>lighter than 76D |
|                      | ingliter than 73D                         | lighter than 70D                     |
| PETAL: COLOUR OF M.  | ARGINAL ZONE OF OUT                       |                                      |
|                      | 75B fading to 76C                         | 76D                                  |
| PETAL: COLOUR OF SP  | OT AT BASE OF OUTER S                     | SIDE (RHS, 1995)                     |
|                      | 155C                                      | absent                               |
| PETAL: REFLEXING OF  | F MARGIN (mature flowers)                 |                                      |
|                      | strong                                    | medium                               |
| OUTER STAMEN: PRED   | OOMINANT COLOUR OF F                      | FILAMENT                             |
|                      | greenish white                            | pale pink                            |
| INNER STYLE: PREDOM  | MINANT COLOUD                             |                                      |
| INNER STALE, PREDOF  | yellow                                    | pink                                 |
|                      |   | •                                    |
| STIGMA: HEIGHT IN RI | ELATION TO ANTHERS level                  | below                                |
|                      | 1C V C1                                   | UCIOW                                |
| SEED VESSEL: SIZE AT |   |                                      |
|                      | small                                     | medium to large                      |

HIP: SHAPE OF LONGITUDINAL SECTION funnel-shaped

pitcher-shaped

## Watermelon (Citrullus lanatus)

Variety: 'Companion'

Synonym: N/A

**Application no:** 2004/022 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 29-Jan-2004 **Accepted:** 25-Mar-2004

Granted: N/A

Description

published in Plant Varieties

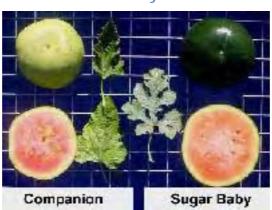
Volume 18, Issue 1

Journal:

Title Holder: Seminis Vegetable Seeds, Inc.

**Agent:** Blake Dawson Waldron

**Telephone**: 0396793065 **Fax**: 0396793111



Citrullus lanatus

Watermelon

### 'Companion'

Application No: 2004/022 Accepted: 25 Mar 2004.

Applicant: Seminis Vegetable Seeds, Inc., Wageningen, The Netherlands.

Agent: Blake Dawson Waldron, Melbourne, VIC.

Characteristics Ploidy: diploid. Cotyledon: shape broad-elliptic, size small to medium, length 26.39mm, width 17.52mm, length width ratio 1.51, intensity of green colour medium (RHS 137C), spots absent, depression of nerves absent. Plant: growth habit runner, length of main stem 108.05cm, hermaphrodite flowers absent. Leaf: blade length 149.55, blade width 112.43mm, lead blade length width ratio 1.33, colour yellow-green (RHS 146A), lobing absent, incision of margin absent, blistering medium, undulation of margin strong, flecking absent, petiole length short. Flower: petal size of female flower medium, shape of apex of petal of female flower rounded, anther dehiscence at low temperature weak, ovary size medium, ovary pubescence medium. Fruit: weight low to medium (2.89kg), shape of longitudinal section broad-elliptic to elliptic, ground colour of skin yellow-green (RHS 153A), marbling present, colour of marbling yellow-green (RHS 146B), shape of basal part rounded, depression of base shallow, shape of apical part rounded, depression of apex medium, peduncle length 31.34mm, depth of insertion of peduncle 12.48mm, pistil scar diameter 16.21mm, grooves absent, stripes absent, pericarp thickness thin to medium, colour of flesh red, hollow heart slightly present, intensity of flesh colour light, firmness of fruit medium, number of seeds medium. Seed: size small, ground colour of testa brown, secondary colour of testa cream, distribution of secondary colour dots and patches, area of secondary colour in relation to ground colour small, patches at hilum present, patches at margin present. Time of flowering: medium. Time of maturity: early. (Note: all RHS colour chart numbers refer to 2001 edition.)

**Origin and Breeding** Controlled pollination: seed parent breeding line #60524 x pollen parent 'Minilee' (PBR 8600105 USA). The seed parent is characterised by non-lobed leaf, grey type rind and short internode length. The pollen parent is characterised by long internode length. Hybridisation took place in California in 1988. From this cross, the line PS11006741 was self-pollinated and selected for seven generations by the pedigree method to the year 2000. Selection criteria: leaf non-lobed, fruit size small and internode length short. Propagation: caged increases and isolated open field increases. 'Companion' will be commercially propagated by isolated open field increases. Breeder: Fred McCuistion, Benito Juarez and Warren Barham, California, USA.

Choice of Comparators Grouping characters used in identifying the most similar varieties of common knowledge were – Ploidy: diploid. Plant: growth habit runner, internode length short, hermaphrodite flowers absent. Fruit: shape of basal part rounded, shape of apical part rounded, grooves absent, stripes absent, marbling present, colour of flesh red, intensity of flesh colour light, weight low to medium. On these bases, 'Sugar Baby' was selected as the most similar variety for the comparative trial. The parents were not considered for reasons stated above.

**Comparative Trial** Location: Lansdowne Farm, Plant Breeding Institute, Cobbitty Road Cobbitty, NSW 2550 (Latitude 35°06′ South, elevation 70m), summer-autumn 2004. Conditions: trial conducted in open ground, plants propagated from direct sown seed, nutrition maintained with slow release fertilisers, nil pest and disease treatments applied. Trial design: 60 plants of 'Companion' and 40 plants of 'Sugar Baby' were arranged in a completely randomised design. Measurements: from twenty plants at random. One sample per plant.

| Prior Applications and Sale | d Sales | ions an | Applica | Prior |
|-----------------------------|---------|---------|---------|-------|
|-----------------------------|---------|---------|---------|-------|

| Country | Year | <b>Current Status</b> | Name Applied |
|---------|------|-----------------------|--------------|
| USA     | 2002 | Applied               | 'Companion'  |
| EU      | 2003 | Applied               | 'Companion'  |
| Canada  | 2004 | Withdrawn             | 'Companion'  |
| Israel  | 2004 | Applied               | 'Companion'  |

New Zealand 2004 Applied 'Companion'

First sold in USA in Nov 2002. First Australian sale nil.

Description: Mr J D Oates, VF Solutions, NSW.

## Table Citrullus varieties

|                    | 'Companion'         | *'Sugar Baby'  |
|--------------------|---------------------|----------------|
| PLOIDY             |                     |                |
|                    | diploid             | diploid        |
| COTYLEDON: SHAPE   |                     |                |
|                    | broad elliptic      | broad elliptic |
| COTYLEDON: SIZE    |                     |                |
|                    | small to medium     | small          |
| COTYLEDON: LENGT   |                     |                |
| mean               | 26.39               | 23.71          |
| std deviation      | 2.12                | 2.28           |
| LSD/sig            | 2.68                | P≤0.01         |
| COTYLEDON: WIDTH   | H (mm)              |                |
| mean               | 17.52               | 15.56          |
| std deviation      | 1.097               | 1.23           |
| LSD/sig            | 1.96                | P≤0.01         |
| COTYLEDON: LENGT   | ΓΗ/WIDTH RATIO      |                |
| mean               | 1.51                | 1.56           |
| std deviation      | 0.076               | 0.083          |
| LSD/sig            | 0.015               | P≤0.01         |
| COTYLEDON: INTEN   | SITY OF GREEN COLOU | JR (RHS, 2001) |
|                    | medium              | medium         |
|                    | 137C                | 138B           |
| COTYLEDON: SPOTS   |                     |                |
|                    | absent              | absent         |
| COTYLEDON: DEPRE   | ESSION OF NERVES    |                |
|                    | absent              | absent         |
| HYPOCOTYL: LENGT   | ΓH (mm)             |                |
| mean               | 31.31               | 42.97          |
| std deviation      | 4.71                | 4.05           |
| LSD/sig            | 0.79                | P≤0.01         |
| HYPOCOTYL: VESTU   | JRE                 |                |
|                    | present             | absent         |
| PLANT: GROWTH HA   | ABIT                |                |
|                    | runner              | runner         |
| PLANT: LENGTH OF   | MAIN STEM (cm)      |                |
| mean               | 108.05              | 243.0          |
| std deviation      | 14.64               | 26.39          |
| LSD/sig            | 3.85                | P≤0.01         |
| PLANT: HERMAPHRO   | ODITE FLOWERS       |                |
|                    | absent              | absent         |
| DI ANT. NODEC TO E | IDCT NODE WITH FEMA | I E EL OWEDG   |

PLANT: NODES TO FIRST NODE WITH FEMALE FLOWERS

|                      | low                 | low      |
|----------------------|---------------------|----------|
| LEAF BLADE: LENGTH ( |                     |          |
| mean                 | 149.55              | 183.50   |
| std deviation        | 13.02               | 16.11    |
| LSD/sig              | 2.41                | P≤0.01   |
| LEAF BLADE: WIDTH (n | <br>nm)             |          |
| mean                 | 112.43              | 163.82   |
| std deviation        | 11.06               | 25.54    |
| LSD/sig              | 3.28                | P≤0.01   |
| LEAF BLADE: LENGTH/  | WIDTH RATIO         |          |
| mean                 | 1.33                | 1.14     |
| std deviation        | 0.1                 | 0.15     |
| LSD/sig              | 0.02                | P≤0.01   |
| LEAF BLADE: COLOUR   | (RHS 2001)          |          |
|                      | 146A                | N138B    |
|                      |                     |          |
| LEAF BLADE: INTENSIT | Y OF COLOUR         |          |
|                      | medium              | medium   |
| LEAF BLADE: DEGREE ( | OF LOBING           |          |
|                      | absent              | deep     |
| LEAF BLADE: DEPTH OI | FINCISIONS          |          |
| LEAF BLADE, DEFITIO  | absent              | medium   |
|                      | dosent              | inodium. |
| LEAF BLADE: BLISTERI | NG                  |          |
|                      | medium              | weak     |
| LEAF BLADE: UNDULA   | ΓΙΟΝ OF MARGIN      |          |
|                      | strong              | medium   |
| LEAF DI ADE ELECKRIS |                     |          |
| LEAF BLADE: FLECKING | absent              | absent   |
|                      | aosen               | dosem    |
| PETIOLE: LENGTH (mm) |                     |          |
|                      | short               | short    |
| mean                 | 86.07               | 85.7     |
| std deviation        | 13.44               | 13.27    |
| LSD/sig              | 2.1                 | ns       |
| FLOWER: PETAL SIZE F | EMALE FLOWER        |          |
|                      | medium              | medium   |
| FLOWER: SHAPE OF API | EX PETAL FEMALE FLO | WER      |
|                      | rounded             | rounded  |
|                      |                     |          |
| FLOWER: ANTHER DEH   |                     |          |
|                      | weak                | weak     |
| OVARY: SIZE          |                     |          |
|                      | medium              | medium   |
| OVARY: PUBESENCE     |                     |          |
| THE TOBESTION        | medium              | medium   |
|                      |                     |          |

| FRUIT: WEIGHT (kg)        |                            |          |
|---------------------------|----------------------------|----------|
|                           | low to medium              | medium   |
| mean                      | 2.89                       | 3.95     |
| std deviation             | 0.42                       | 0.54     |
| LSD/sig                   | 0.08                       | P≤0.01   |
| EDIUT CHARE OF LONG       | CITUDINAL CECTION          |          |
| FRUIT: SHAPE OF LONG      |                            | 1        |
|                           | broad-elliptic to elliptic | round    |
| FRUIT: GROUND COLO        | UR OF SKIN (RHS. 2001)     |          |
| 1110111 0110 0112 0020    | 153A                       | N189A    |
|                           | 13311                      | 1110711  |
| FRUIT: COLOUR OF MA       | RBLING OF SKIN (RHS,       | 2001)    |
| TROTT. COLOCK OF WILL     | 146B                       | N189A    |
|                           | 140D                       | NIO/A    |
| FRUIT: PEDUNCLE LEN       | GTH (mm)                   |          |
| mean                      | 31.34                      | 67.25    |
| std deviation             | 5.03                       | 8.30     |
| LSD/sig                   | 1.13                       | P≤0.01   |
| LOD/ Sig                  | 1.13                       | 1 20.01  |
| FRUIT: DEPTH OF INSE      | RTION OF PEDUNCLE (n       | nm)      |
| mean                      | 12.48                      | 9.95     |
| std deviation             | 2.47                       | 1.65     |
|                           |                            |          |
| LSD/sig                   | 0.39                       | P≤0.01   |
| FRUIT: SHAPE OF BASA      | I PART                     |          |
| TROTT. SHALL OF BASE      | rounded                    | rounded  |
|                           | Tourided                   | Tounded  |
| FRUIT: DEPRESSION OF      | FBASE                      |          |
|                           | shallow                    | shallow  |
|                           |                            |          |
| FRUIT: SHAPE OF APIC      | AL PART                    |          |
|                           | rounded                    | rounded  |
|                           | Tourided                   | Tourided |
| FRUIT: DEPRESSION AT      | ГАРЕХ                      |          |
|                           | medium                     | medium   |
|                           |                            |          |
| FRUIT: PISTAL SCAR D      |                            |          |
| mean                      | 16.21                      | 15.09    |
| std deviation             | 1.89                       | 1.33     |
| LSD/sig                   | 0.26                       | P≤0.01   |
|                           |                            |          |
| FRUIT: GROOVES            | •                          | •        |
|                           | absent                     | absent   |
| EDIHE GEDINES             |                            |          |
| FRUIT: STRIPES            | 1                          | 1        |
|                           | absent                     | absent   |
| FRUIT: MARBLING           |                            |          |
| TRUIT, WARDLING           | nragant                    | progent  |
|                           | present                    | present  |
| FRUIT: INTENSITY OF N     | MARRLING                   |          |
| I KOII, IIVI ENSII I OF I | weak                       | weak     |
|                           | weak                       | WEAK     |
| FRUIT: PERICARP THIC      | KNESS (mm)                 |          |
| incir.i.Lide/iid iiiic    | thin-medium                | medium   |
| maan                      | 14.55                      | 12.70    |
| mean                      | 17.33                      | 12./U    |
|                           |                            |          |

| std deviation<br>LSD/sig | 2.12<br>0.31        | 1.43<br>P≤0.01        |
|--------------------------|---------------------|-----------------------|
| FRUIT: COLOUR FLESH      |                     | <del>_</del>          |
|                          | red                 | red                   |
| FRUIT: HOLLOW HEART      |                     |                       |
|                          | slightly present    | absent                |
| FRUIT: INTENSITY FLES    | H COLOUR            |                       |
|                          | light               | light                 |
| FRUIT: FIRMNESS OF FR    | UIT                 |                       |
|                          | medium              | medium                |
| FRUIT: NUMBER OF SEE     | DS                  |                       |
|                          | medium              | medium                |
| SEED: SIZE               |                     |                       |
|                          | small               | small                 |
| SEED: GROUND COLOU       | R TESTA             | <del></del>           |
|                          | brown               | cream                 |
| SEED: SECONDARY COL      | OUR OF TESTA        |                       |
|                          | present             | present               |
|                          | cream               | brown                 |
| SEED: DISTRIBUTION OF    | F SECONDARY COLOUR  | <u> </u>              |
|                          | dots-patches        | patches               |
| SEED: AREA OF SECONI     | DARY COLOUR IN RELA | TION TO GROUND COLOUR |
|                          | small               | small                 |
| SEED: PATCHES AT HILL    | UM                  |                       |
|                          | present             | present               |
| SEED: PATCHES AT MAI     | RGIN                | <del>_</del>          |
|                          | present             | present               |
| TIME OF FEMALE FLOW      | ERING               |                       |
|                          | medium              | medium                |
| TIME OF MATURITY         |                     |                       |
|                          | early               | early                 |
|                          |                     |                       |

## Subterranean Clover (Trifolium subterraneum var. subterraneum)

Variety: 'Coolamon'

Synonym: N/A

**Application no:** 2003/205 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 11-Aug-2003 **Accepted:** 24-Nov-2003

Granted: N/A

Description

published in Plant Varieties

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Journal:

Title Holder: State of Western Australia through its Department of Agriculture, Grains

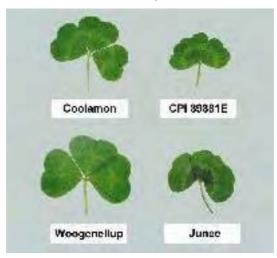
Research and Development Corporation, Murdoch University and

Australian Wool Innovation Limited

**Agent:** State of Western Australia through its Department of Agriculture

**Telephone**: 0893683347 **Fax**: (08) 9368 3946

View the detailed description of this variety.



Trifolium subterraneum var. subterraneum

Subterranean Clover

### 'Coolamon'

Application No: 2003/205 Accepted: 24 Nov 2003.

Applicant: State of Western Australia through its Department of Agriculture, South Perth, WA, Grains Research and Development Corporation, Barton, ACT, Murdoch University, Murdoch, WA and Australian Wool Innovation Limited, Sydney, NSW.

Characteristics Plant: type annual, habit prostrate, vigour strong, maturity medium-late. Stem: pubescence absent (glabrous). Petiole: pubescence absent (glabrous). Leaflet: pubescence of upper surface weak, pattern of mark (C<sub>2</sub>)A<sub>3</sub> (Nichols *et al.* 1996), colour of arms pale green, position of leaf marking central, indentation of distal margin strong, degree of anthocyanin flecking (under cold and other growth limiting conditions) weak-medium, anthocyanin flush absent. Stipule: degree of anthocyanin colouration (in shaded part of canopy) medium. Inflorescence: calyx tube anthocyanin colouration absent. Peduncle: pubescence absent (glabrous). Seed: colour black, hard seed breakdown (after 16 weeks in an alternating 15°/60° C cabinet using the procedures of Quinlivan 1961) medium. Isoflavone contents (as percentage of dry matter in fresh healthy leaves, using the method of Francis and Millington 1965): formononetin approximately 0.06%, genistein approximately 2.4%, biochanin A approximately 0.5%.

**Origin and Breeding** Controlled pollination: between two F<sub>1</sub> hybrids was conducted in 1984 at The University of Western Australia Field Station (UFS), Shenton Park to produce cross 84S20: seed parent Junee/CPI 89881E x pollen parent 75S13-2/69S37-3 (Dinninup//Daliak/Toodyay C///Midland B/Northam C) 'Coolamon' has the same leafmark and is most similar morphologically to CPI 89881E, but flowers approximately 6 days earlier and has higher genistein and lower biochanin A levels and is more hardseeded. Junee is different morphologically and has a C<sub>1</sub>A<sub>1-2</sub> leafmark with white arms and an intermediate anthocyanin flush tendency. The parents 75S13-2 and 69S37-3 no longer exist, but both had different leafmarks, with 75S13-2 flowering approximately one week earlier and 69S37-3 flowering approximately two weeks earlier than 'Coolamon'. 84S20.14 was selected in 1986 at UFS as one of 14 F<sub>2</sub> single plants from cross 84S20, with selection conducted for low formononetin content (less than 0.2% of dry matter), using the procedure of Francis and Millington (1965), hard-seededness in a fluctuating 60°/15°C temperature cabinet for 4 months, using the procedure of Quinlivan (1961), high plant vigour and the leafmark of CPI 89881E. 84S20.14 was sown and harvested in 1987 as a bulk F<sub>3</sub> population in a clover scorch (Kabatiella caulivora) disease screening plot at Denmark, Western Australia. It was selected for further development on the basis of its good clover scorch resistance. In 1988, 84S20.14.7 was selected at UFS as one of nine F4 spaced plants from 84S20.14 to form the basis of 'Coolamon'. Further between-line selection was conducted on a bulk population from 1989 to 1991 in 1m rows at UFS and in 1 m<sup>2</sup> clover scorch screening plots at Denmark. Glasshouse screening was also conducted for resistance to Races 0 and 1 of Phytophthora clandestina in Tatura, Victoria. Selection criteria: midseason maturity, low formononetin content (less than 0.2% of dry matter), moderate-high hardseededness, moderatestrong burr burial, strong winter and spring vigour, resistance to Races 1 and 2 of clover scorch and resistance to Races 0 and 3 of Phytophthora root rot. The population for cultivar release consisted of 30 plants selected in 2001 as being representative of Coolamon. Field evaluation was conducted from 1992-1999, initially under the code-name of 84S20-13 and then as SM012, in Western Australia, New South Wales, Victoria, South Australia and Queensland as part of the National Annual Pasture Legumes Improvement Program. Propagation: by seed. Breeders: Dr P.G.H. Nichols, Dr J.S. Gladstones and Dr W.J. Collins (Department of Agriculture Western Australia). Pest and disease screening: Dr M.J. Barbetti and Mr D.J. Gillespie (Agriculture Western Australia) and Dr M.P. You (Co-operative Research Centre for Legumes in Mediterranean Agriculture). Selected for cultivar release by: Dr P.G.H. Nichols and Dr. P. Si (Department of Agriculture Western Australia), Dr B.S. Dear and Mr G.A. Sandral (New South Wales Department of Primary Industries), Mr P.M. Evans (Department of Primary Industries Victoria), Mr A.D. Craig and Dr C.T de Koning (South Australian Agricultural Research and Development Institute) and Mr D.L. Lloyd (Department of Primary Industries and Fisheries, Queensland).

Choice of Comparators The varieties 'Junee', and 'Woogenellup' are subterranean clover var. *subterraneum* varieties of common knowledge most similar to 'Coolamon'. 'Junee' is also one of the seed grandparents of 'Coolamon'. The other seed grandparent, 'CPI 89881E', was included as it has the same leafmark and is most similar of all its grandparents to 'Coolamon'. No other similar varieties have been identified.

**Comparative Trial** Location: University of Western Australia Field Station, Shenton Park, WA (31°57′ South, 115°47′ East, elevation 21m), 2003. Conditions: Plants germinated in peat pots in the glasshouse in early May,

transplanted to the field in mid-June, undefoliated throughout the season, hand-weeded, irrigated when necessary. Trial design: Completely randomised block, 2 generations of 'Coolamon' (2001 and 2002 seed harvests), 5 replicates, each replicate consisting of a row with a minimum of 6 plants spaced 1m apart.

## **Prior Applications and Sales Nil.**

Description: Dr Phillip Nichols, Department of Agriculture Western Australia, South Perth, WA.

 ${\bf Table} \ {\it Trifolium} \ {\it subterraneum} \ {\bf var.} \ {\it subterraneum} \ {\bf varieties}$ 

| 'Coolamon'          | *CPI 89881E  | *' Junee'   | *'Woogenellup'   |
|---------------------|--|---|--|
| ): PUBESCENCE       |  |   |  |
| absent              | absent   | weak-medium   | absent   |
| SCENCE              |  |   |  |
| absent              | absent   | weak  | weak   |
| ERN OF MARK (N      | ichols et al., 1996)   |   |  |
| $(C_2)A_3$          | $(C_2)A_3$   | $C_1A_{1-2}$  | $C_2A_2$   |
| OUR OF ARMS (Nic    | chols et al., 1996)  |   |  |
| pale green          | pale green   | white   | pale green   |
| <br>ΓΙΟΝ OF CENTRAI | L MARKING  |   |  |
| central             | central  | central   | central  |
| <br>NTATION OF DIST | ΓAL MARGIN   |   |  |
| strong              | medium-strong  | weak-medium   | strong   |
| EEE OF ANTHOCY      | ANIN FLECKING  |   |  |
| weak- medium        | medium   | absent-weak   | weak   |
| DEE OF ANTHOCY      | ANIN ELLICH DATT   | EDN   |  |
| absent              | absent   | medium  | absent   |
| D CLIDE A CE DUDE   | IGGENIGE   |   |  |
|                     | _  | weak  | weak   |
|                     |  |   |  |
| F FORMONONET        | IN (% of dry matter  | in fresh leaves) usi  | ng the method of Francis an  |
| 0.06                | 0.04   | 0.10  | 0.35   |
| 0.04                | 0.03   | 0.04  | 0.17   |
| 0.138               | ns   | ns  | P≤0.01   |
| F GENISTEIN (% c    | of dry matter in fresh   | leaves) using the me  | thod of Francis and Millingto  |
|                     | •  |   | -  |
| 2.38                | 1.87   | 2.36  | 2.18   |
| 0.40                | 0.46   | 0.31  | 0.26   |
| 0.440               | P≤0.01   | ns  | ns   |
| OF BIOCHANIN A      | (% of dry matter i   | n fresh leaves) usir  | ng the method of Francis an  |
| 0.47                | 0.84   | 0.50  | 0.77   |
|                     |  |   | 0.08   |
|                     |  |   | 0.08<br>P≤0.01   |
| 0.134               | 1 _0.01  | 113   | 1 _0.01  |
|                     |  | •   | ***  |
| medium              | weak   | absent  | strong   |
|                     |  |   |  |
| 135.1               | 141.0  | 131.5   | 128.6  |
|                     | 4.1  | 6.3   | 5.9  |
| 4.56                | P≤0.01   | ns  | P≤0.01   |
| NTHOCYANIN CO       | OLOURATION   |   |  |
|                     |  | 1 4   | 1 .  |
| absent              | absent   | absent  | absent   |
|                     | absent   | absent  | absent   |
|                     | D: PUBESCENCE absent  SCENCE absent  SCENCE absent  ERN OF MARK (Note (Note) (N | D: PUBESCENCE absent absent  SCENCE absent absent  ERN OF MARK (Nichols et al., 1996) (C <sub>2</sub> )A <sub>3</sub> (C <sub>2</sub> )A <sub>3</sub> DUR OF ARMS (Nichols et al., 1996) pale green pale green  FION OF CENTRAL MARKING central central  NTATION OF DISTAL MARGIN strong medium-strong  REE OF ANTHOCYANIN FLECKING weak- medium medium  REE OF ANTHOCYANIN FLUSH PATT absent absent  R SURFACE PUBESCENCE weak weak  DF FORMONONETIN (% of dry matter)  0.06 0.04 0.03 0.138 ns  F GENISTEIN (% of dry matter in fresh  2.38 1.87 0.40 0.46 0.440 P≤0.01  DF BIOCHANIN A (% of dry matter in  0.47 0.84 0.46 0.440 P≤0.01  REE OF ANTHOCYANIN COLOURATI medium weak  F OF FLOWERING (days from sowing) 135.1 141.0 5.3 4.1 | D: PUBESCENCE absent absent weak  SCENCE absent absent weak  ERN OF MARK (Nichols et al., 1996) (C2)A3 (C2)A3 (C2)A3 (C1A1-2)  OUR OF ARMS (Nichols et al., 1996) pale green pale green white  FION OF CENTRAL MARKING central central central  NTATION OF DISTAL MARGIN strong medium-strong weak-medium  REE OF ANTHOCYANIN FLECKING weak- medium medium absent-weak  REE OF ANTHOCYANIN FLUSH PATTERN absent absent medium  R SURFACE PUBESCENCE weak weak weak  OF FORMONONETIN (% of dry matter in fresh leaves) using 0.06 0.04 0.10 0.04 0.03 0.04 0.138 ns ns  F GENISTEIN (% of dry matter in fresh leaves) using the medium  2.38 1.87 2.36 0.40 0.46 0.31 0.440 P≤0.01 ns  OF BIOCHANIN A (% of dry matter in fresh leaves) using 0.47 0.84 0.59 0.08 0.12 0.27 0.134 P≤0.01 ns  REE OF ANTHOCYANIN COLOURATION (in shaded part of medium weak absent)  C OF FLOWERING (days from sowing) 135.1 141.0 131.5 5.3 4.1 6.3 |

HARDSEEDEDNESS (% hardseed after 16 weeks in an alternating 60°C/15°C cabinet)<sup>1</sup> using the procedures of Quinlivan (1961)

| mean          | 62.7  | 48.4   | 55.2 | 3.6    |
|---------------|-------|--------|------|--------|
| std deviation | 8.2   | 20.3   | 12.4 | 3.6    |
| LSD/sig       | 10.92 | P≤0.01 | ns   | P≤0.01 |

<sup>1</sup> 

#### References

Francis, C.M and Millington, A.J. (1965). Varietal variation in the isoflavone content of subterranean clover: its estimation by a microtechnique. *Aust. J. Agric. Res.* **16**: 557-654

Nichols, P.G.H., Collins, W.J. and Barbetti, M.J. (1996). Registered cultivars of subterranean clover - their characteristics, origin and identification. Agriculture Western Australia Bulletin No. 4327, pp. 61.

Quinlivan, B.J (1961). The effect of constant and fluctuating temperatures on the permeability of the hard seeds of some legume species. *Aust. J. Agric. Res.* 16: 1009-1022

Expressed as a percentage of the hardseed percentage at the commencement of the test.

## Wishbone Flower (Torenia hybrid)

Variety: 'Sunreniva'

Synonym: N/A

**Application no:** 2002/174 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 28-Jun-2002 **Accepted:** 30-Sep-2002

Granted: N/A

Description

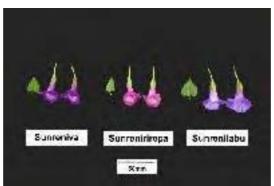
published in Plant Varieties

Volume 18, Issue 1

Journal:

**Title Holder:** Suntory Flowers Limited **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875



Torenia fournieri

Torenia

#### 'Sunreniva'

Application No.: 2002/174 Accepted: 30 Sep 2002. Applicant: **Suntory Flowers Limited,** Osaka, Japan. Agent: **Ramm Botanicals Pty Ltd,** Tuggerah, NSW.

Characteristics Plant: habit semi-erect, height medium, branching medium, flowering highly floriferous, length of flowering season long. Stem: cross-sectional shape square, anthocyanin absent, internodes medium, density of pubescence sparse, colour on ridges yellow-green (RHS 144A) striped with yellow-green (RHS 144C-D). Leaf: phyllotaxis opposite, length medium (mean 26.4mm), width medium (mean 21.7mm), shape cordate, margin serrate, apex acute, colour of upper side yellow green (RHS 144A), colour of lower side yellow green (RHS 144A-B). Inflorescence: solitary. Flower: attitude upright to lateral, diameter medium (mean 24.4mm), corolla tube length medium (mean 33.3mm), number of petals 5, lobes overlapping, lobe margins with fine incisions and serrations, number of colours two, colour of petals purple violet (darker than RHS N81A) fading to RHS N81A at margin and violet (RHS N88D) at the base, yellow eye colour absent, veins prominent, colour of veins in throat purple (ca RHS 83A), calyx length medium (mean 14.9mm), colour of calyx yellow green (RHS 144A), colour of pedicel yellow green (RHS 144A). (Note: all RHS colour chart numbers refer to 2001 edition.)

Origin and Breeding Spontaneous mutation: 'Sunrenimu'. The parent was characterised by low plant height and dark purple coloured flowers. Selection took place at Omi Research Centre, Suntory Flowers Ltd, Japan in 2000. Selection criteria: semi-erect habit, purple flower colour and profuse flowering. Propagation: stock plants were created from cuttings and micropropagation and were found to be uniform and stable through many generations. 'Sunreniva' will be commercially propagated by vegetative cuttings from micropropagated motherstock created from the stock plants. Breeder: Kazunari Iwaki, Suntory Flowers Ltd, Japan.

Choice of Comparators The grouping characteristics used in identifying the most similar varieties of common knowledge is – Flower colour purple. On this basis, the most similar variety of common knowledge is 'Sunrenilabu' syn Blue Magic and 'Sunrenirirepa'. The parent was excluded due to darker flower colour and lower plant height. No other similar varieties were identified.

**Comparative Trial** Location: Tuggerah, NSW, spring 2004 to summer 2004-5. Conditions: trial conducted in a plastic covered greenhouse, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from ten plants at random in summer 2004. One sample per plant.

### **Prior Applications and Sales**

Prior applications nil. Overseas sales nil. First Australian sale Jul 2001.

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

## Table: Torenia varieties

|                  | 'Sunreniva'                         | 'Sunrenirirepa'                    | *'Sunrenilabu'    |
|------------------|-------------------------------------|------------------------------------|-------------------|
| LEAF: LENGTH (mr | n) LSD $(P \le 0.01) = 3.49$ (bigge |                                    | )                 |
| mean             | 26.4 a                              | 30.8 <sup>b</sup>                  | 24.7 <sup>a</sup> |
| std deviation    | 1.7                                 | 3.6                                | 3.4               |
| FLOWER: DIAMETI  | ER (mm) LSD (P≤0.01) = 1.69         | )                                  |                   |
| across wings     |                                     | ,                                  |                   |
| mean             | 24.4 <sup>a</sup>                   | 26.4 <sup>b</sup>                  | 30.6°             |
| std deviation    | 1.5                                 | 1.7                                | 1.1               |
| FLOWER: COROLL   | A TUBE LENGTH (mm) LSI              | $O(P \le 0.01) = 2.01$ (to base of |                   |
| mean             | 33.3 <sup>a</sup>                   | 35.6 <sup>b</sup>                  | 36.9 b            |
| std deviation    | 1.4                                 | 2.2                                | 1.5               |
| FLOWER: COLOUR   | OF VEINS IN THROAT                  |                                    |                   |
|                  | ca 83A                              | 72A                                | 83A-B             |
| FLOWER: CALYX: 1 | LENGTH (mm) LSD (P≤0.01)            | ) = 1.11                           |                   |
| mean             | 14.9 <sup>a</sup>                   | 15.5 <sup>a</sup>                  | 18.1 <sup>b</sup> |
| std deviation    | 0.7                                 | 1.5                                | 0.5               |
| PETAL: COLOUR O  | F STANDARD (RHS, 2001)              |                                    |                   |
|                  | darker than N81A                    | N78A margin,                       | 92A-B             |
|                  | fading to N81A at                   | base N81D                          |                   |
|                  | margin, base N88D                   |                                    |                   |
| PETAL: COLOUR O  | F WING                              |                                    |                   |
|                  | darker than N81A                    | N78A margin,                       | 88A               |
|                  | fading to N81A at                   | base N81D                          |                   |
|                  | margin, base N88D                   |                                    |                   |
| PETAL: COLOUR O  | F KEEL                              |                                    |                   |
|                  | darker than N81A                    | N78A margin,                       | 92A and 88D       |
|                  | fading to N81A at                   | base N81D                          |                   |

Mean values followed by the same letter are not significantly different at P≤0.01 according to an S-N-K test.

## Wishbone Flower (Torenia hybrid)

Variety: 'Sunrenirirepa' Synonym: Amethyst Magic

**Application no:** 2003/250 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 08-Sep-2003 **Accepted:** 10-Dec-2003

Granted: N/A

Description

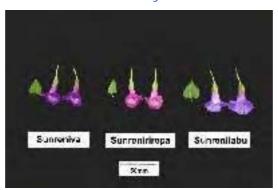
published in Plant Varieties

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**Title Holder:** Suntory Flowers Limited **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875



Torenia fournieri

Torenia

## 'Sunrenirirepa' syn Amethyst Magic

Application No.: 2003/250 Accepted: 10 Dec 2003. Applicant: **Suntory Flowers Limited,** Osaka, Japan. Agent: **Ramm Botanicals Pty Ltd,** Tuggerah, NSW.

Characteristics Plant: habit semi-erect, height medium, branching medium, flowering highly floriferous, flowering season long. Stem: cross-sectional shape square, anthocyanin absent, internodes medium, density of pubescence sparse, colour on ridges yellow-green (RHS 144A) striped with yellow-green (RHS 144C-D). Leaf: phyllotaxis opposite, length medium (mean 30.8mm), width medium (mean 23.3mm), shape cordate, margin serrate, apex acute, upper side colour yellow-green (RHS 144A), lower side colour yellow-green (RHS 144A-B). Inflorescence: solitary. Flower: attitude upright to lateral, diameter medium (mean 26.4mm), corolla tube length medium (mean 35.6mm), petals 5, lobes overlapping, lobe margins with fine incisions and serrations, number of colours two, colour of petals purple (RHS N78A) at margin and purple violet (RHS N81D) at the base, yellow eye colour absent, colour of veins in throat purple (RHS 72A), calyx length medium (mean 15.5mm), colour of calyx yellow-green (RHS 144A), colour of pedicel yellow-green (RHS 144A). (Note: all RHS colour chart numbers refer to 2001 edition.)

Origin and Breeding Spontaneous mutation: 'Sunrenimu'. The parent was characterised by low plant height and dark purple coloured flowers with lighter purple corolla tube. Selection took place at Omi Research Centre, Suntory Flowers Ltd, Japan in 1997. Selection criteria: semi-erect habit, purple flower colour and profuse flowering. Propagation: stock plants were created from cuttings and micropropagation and were found to be uniform and stable through many generations. 'Sunrenirirepa' will be commercially propagated by vegetative cuttings from micropropagated motherstock created from the stock plants. Breeder: Kiyoshi Miyazaki, Suntory Flowers Ltd, Japan.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge are – Flower colour red-purple. On this basis, the most similar varieties of common knowledge are 'Sunreniva' and 'Sunrenilabu' syn Blue Magic. The parent was excluded due to darker flower colour and lower plant height. No other similar varieties were identified.

**Comparative Trial** Location: Tuggerah, NSW, spring 2004 to summer 2004-5. Conditions: trial conducted in a plastic covered greenhouse, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: twelve pots of each variety arranged in a completely randomised design. Measurements: from ten plants at random in summer 2004. One sample per plant.

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

| 2 1101 11p pineurons una sures |      |                |                 |  |
|--------------------------------|------|----------------|-----------------|--|
| Country                        | Year | Current Status | Name Applied    |  |
| Japan                          | 1998 | Applied        | 'Sunrenirirepa' |  |
| EU                             | 2002 | Granted        | 'Sunrenirirepa' |  |
| USA                            | 2002 | Granted        | 'Sunrenirirepa' |  |
| Canada                         | 2002 | Applied        | 'Sunrenirirepa' |  |

First overseas sale Japan Mar 2001. First Australian sale Sep 2003.

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

## Table Torenia varieties

|                  | 'Sunrenirirepa'                   | 'Sunreniva'   | *'Sunrenilabu'    |
|------------------|-----------------------------------|---|-------------------|
| LEAF: LENGTH (mi | m) LSD $(P \le 0.01) = 3.49$ (big | gest leaf on first flower node                      | )                 |
| mean             | 30.8 b                            | 26.4 <sup>a</sup>                                   | 24.7 <sup>a</sup> |
| std deviation    | 3.6                               | 1.7   | 3.4               |
| FLOWER: DIAMET   | ER (mm) LSD ( $P \le 0.01$ ) = 1. | 69 (across wings)                                   |                   |
| mean             | 26.4 <sup>b</sup>                 | 24.4 <sup>a</sup>                                   | 30.6 °            |
| std deviation    | 1.7                               | 1.5   | 1.1               |
| FLOWER: COROLL   | .A TUBE LENGTH (mm) L             | $SD (P \le 0.01) = 2.01 \text{ (to base of } 0.01)$ | of calyx)         |
| mean             | 35.6 b                            | 33.3 <sup>a</sup>                                   | 36.9 <sup>b</sup> |
| std deviation    | 2.2                               | 1.4   | 1.5               |
| PETAL: COLOUR O  | OF STANDARD (RHS, 2001            | )   |                   |
|                  | N78A margin,                      | darker than N81A                                    | 92A-B             |
|                  | base N81D                         | fading to N81A at                                   |                   |
|                  |                                   | margin, base N88D                                   |                   |
| PETAL: COLOUR O  | OF WING                           |   |                   |
|                  | N78A margin,                      | darker than N81A                                    | 88A               |
|                  | base N81D                         | fading to N81A at                                   |                   |
|                  |                                   | margin, base N88D                                   |                   |
| PETAL: COLOUR O  | OF KEEL                           |   |                   |
|                  | darker than N81A                  | N78A margin,  | 92A and 88D       |
|                  | base N81D                         | fading to N81A at                                   |                   |
|                  |                                   | margin, base N88D                                   |                   |
| PETAL: COLOUR O  | F VEINS IN THROAT                 |   |                   |
|                  | 72A                               | ca 83A  | 83A-B             |
| CALYX: LENGTH (  | mm) LSD (P≤0.01) = 1.11           |   |                   |
| mean             | 15.5 a                            | 14.9 <sup>a</sup>                                   | 18.1 <sup>b</sup> |
| std deviation    | 1.5                               | 0.7   | 0.5               |

Mean values followed by the same letter are not significantly different at P≤0.01 according to an S-N-K test.

## Fuchsia (Fuchsia hybrid)

Variety: 'Foncha'
Synonym: N/A

**Application no:** 2001/330 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 27-Nov-2001 **Accepted:** 18-Dec-2001

Granted: N/A

Description

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**Title Holder:** The Four Oaks Group **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875



Fuchsia hybrid

**Fuchsia** 

#### 'Foncha'

Application No: 2001/330 Accepted: 18 Dec 2001. Applicant: **The Four Oaks Group,** Macclesfield, UK. Agent: **Ramm Botanicals Pty Ltd,** Tuggerah, NSW.

Characteristics Plant: growth habit upright, height medium (mean 34.3cm), width medium (mean 52.5cm). Stem: length of internode medium (mean 45.7mm), colour red, pubescence medium. Leaf: length medium (mean 69.1mm) width medium (mean 34.1mm), shape ovate, shape of apex acute, base rounded, margin weakly serrate, variegation absent, main colour of upper and lower side green, colour of leaf midrib red, petiole length medium (mean 20.0mm), petiole colour red, petiole pubescence medium. Flower: up to one per leaf axil, type double, attitude pendulous, diameter medium (mean 66.7mm), length medium (mean 106.5mm), Petal: number many (approx 21), length medium (mean 31.9mm), width medium (mean 32.2mm), shape obovate, colour at beginning of blooming purple-violet (RHS N82A) along margins and red purple (RHS 58C-D) in mid zone. Calyx: tube length medium (mean 20.2mm), tube width medium (mean 5.9mm), shape parallel, colour of tube white with green veins. Sepal: number 4, length medium (mean 38.0mm) width medium (mean 21.8mm), apex acuminate, margin slightly recurved, twisting absent, variegation absent, colour red (ca RHS 51A). Pedicel: length medium (mean 41.6mm). Pistil: length long (mean 91.8mm), colour red purple (RHS 61D) with white base, colour of stigma greyed orange (RHS 177B). Stamen: number medium (8), length long (mean 58mm), colour greyed orange (ca RHS 165A), petaloids present. Ovary: length medium (11.3mm), shape oblong, colour yellow green (RHS 146A). (Note: all RHS colour chart numbers refer to 2001 edition.)

**Origin and Breeding** Controlled pollination: seed parent 'Bella Rosella' x pollen parent 'Voodoo'. The seed parent is characterised by a pinkish purple corolla colour with peachy pink sepal colour and the pollen parent by a purple burgundy corolla colour with deep red sepal colour and erratic plant growth habit. Hybridisation took place in Macclesfield, England in 1997. Selection criteria: uniform plant habit and flower quality and floriferousness. Propagation: vegetative by micropropagation and cuttings were found to be uniform and stable. Breeder: Abigail Johnson, Macclesfield, UK.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: corolla size medium to large, petal colour purple, sepal colour pink. On these bases, the most similar variety of common knowledge is 'Voodoo'. The seed parent was excluded due to its differing flower colours. No other similar varieties were identified.

**Comparative Trial** Location: Tuggerah, NSW, spring 2004. Conditions: trial conducted in a fibreglass covered greenhouse, plants propagated from cutting, rooted cuttings planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. Trial design: fifteen pots of each variety arranged in a completely randomised design. Measurements: from ten plants at random. One sample per plant.

**Prior Applications and Sales** 

CountryYearCurrent StatusName AppliedEU2001Granted'Foncha'

First sold in UK in Mar 2000. First sold in Australia Oct 2001.

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

## Table Fuchsia varieties

| 'Foncha'                           | *'Voodoo'                             |
|------------------------------------|---------------------------------------|
| PLANT: GROWTH HABIT                |                                       |
| upright                            | upright to spreading                  |
| STEM: DEGREE OF ANTHOCYANIN COLO   | RATION                                |
| strong                             | weak- medium                          |
| LEAF: SHADE OF GREEN COLOUR        |                                       |
| medium                             | light                                 |
| FLOWER: COLOUR OF MARGIN OF PETAI  | L AT BEGINNING OF BLOOMING (RHS 2001) |
| N82A                               | ca 83B                                |
| FLOWER: COLOUR OF MID-ZONE OF PET. | AL AT BEGINNING OF BLOOMING           |
| 58C-D                              | 60D                                   |
| SEPAL: COLOUR (RHS 2001)           |                                       |
| ca 51A                             | darker than 51A                       |
| CALYX: COLOUR OF TUBE              |                                       |
| white with green ve                | ins pink                              |
|                                    |                                       |

## Cocksfoot (Dactylis glomerata ssp. hispanica)

Variety: 'Sendace'

Synonym: N/A

**Application no:** 2003/104 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-May-2003 **Accepted:** 10-Jul-2003

Granted: N/A

Description

published in Plant Varieties

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Journal:

Title Holder: University of Tasmania and The Crown in Right of the State of Tasmania

through the Department of Primary Industries, Water and Environment

Agent: N/A

**Telephone**: 0363365234 **Fax**: 0363449814



Dactylis glomerata ssp. hispanica

Cocksfoot

#### 'Sendace'

Application No: 2003/104 Accepted: 10 Jul 2003.

Applicant: University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, Kings Meadows, TAS.

Characteristics Ploidy: tetraploid. Foliage: fineness fine to very fine. Plant: type Mediterranean or *hispanica* perennial forage grass, persistence persistent, drought tolerance tolerant, cold tolerance tolerant, summer activity low, protein content high, growth habit medium to semi-prostrate, tillering density high, maturity medium, colour medium to dark green with greyish hue (RHS 133A). Stem: width very narrow mean 0.85mm, number per plant mean 67, length (inc. inflorescence) mean 812.9mm, length of upper internode mean 329.7mm. Flag leaf: length mean 111.2mm, width mean 4.13mm. Inflorescence: length mean 98.9mm, date of emergence mean 27 Oct (118.38 days from day 0 = 1 July), date of flowering mean 27 Nov (92.21 days from day 0 = 27 August), colour of anthers mostly pale yellow. Seed: thousand seed weight 0.54gms.

Origin and Breeding Recurrent phenotypic selection: 5 cycles of recurrent phenotypic selection for seedling vigour, dense tillering and a more prostrate growth habit within CPI 134670, collected as seed near Zamora, Spain 3 Jul 1993. In 1994 30 plants of CPI 134670 were grown, and 3 plants were selected for seedling vigour and interpollinated in isolation. In 1997 154 plants were selected on the basis of seedling vigour and early tillering and interpollinated in isolation. In 2000 2 plants were selected from 192 seedlings grown for seedling vigour, high seedling tiller number and a prostrate seedling growth habit at 100 days post germination. Selections were interpollinated in field isolation. In 2001 448 were seedlings grown. 360 plants were retained after removing plants with low tiller number and semi-erect or erect habit. Selections were interpollinated in field isolation. Selection criteria: seeedling growth habit and seedling tiller number. Propagation: seed. Breeders: Eric Hall and Andrea Hurst, Tasmanian Institute of Agricultural Research, Mt Pleasant Laboratories, Launceston, Tas.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were - summer activity, tiller density, growth habit and flag leaf width. On the basis of these grouping characteristics the following comparator varieties were included in the trial: 'Uplands', 'Porto', 'Currie', and 'Kasbah'. Parent material CPI 134670 was included as evidence of breeding.

Comparative Trial Location: Mt. Pleasant Laboratories, Launceston, Tasmania (41°.28′ S, 147°.08′ E, elevation 174m). Period: 16/05/2003 to 30/01/2005. Conditions: seed was germinated on pads 16 May 2003 and pricked into 64 cell Yates Rite-Gro Kwik trays 23 May 2003 and grown in glasshouse conditions under natural light. After 100 days the seedlings were transplanted into 200mm pots in a pine bark/loam based potting mix with premixed slow release fertiliser and transferred to an outside trial site under overhead irrigation. Plants were kept trimmed until the end of autumn 2004. Plants were given weekly treatments of soluble fertiliser during the main growing period Aug to Nov 2004. No pesticides or fungicides were used during the trial period. Weeds were controlled by hand. Trial design: randomised block, 8 replicates, 12 plants per plot. Measurements/observations: seedling habit and tiller number characteristics were measured from plants grown under glasshouse conditions at 100 days. Summer activity and plant colour were determined from plants grown in field rows (2 \*5m rows). All other characteristics and comparisons described below are from potted plants grown in the open. Emergence of inflorescence was measured from day 0 = 1 Jul 2004 and time of flowering was measured from day 0 = 27 Aug 2004. The remaining measurements were taken at anthesis. Seed was harvested from potted plants to determine seed size. Ninety-six plants of each variety were grown and measured.

#### **Prior Applications and Sales nil**

Description: Andrea Hurst & Eric Hall, Tasmanian Institute of Agricultural Research, Launceston, Tasmania.

Table Dactylis varieties (# parent accession, \*comparators)

|                    | 'Sendace'           | #CPI 134670                  | *'Uplands'               | *'Kasbah'            | *'Currie'            | *'Porto'               |
|--------------------|---------------------|------------------------------|--------------------------|----------------------|----------------------|------------------------|
| PLANT: SUMMER AC   | TIVITY              |                              |                          |                      |                      |                        |
|                    | low                 | low medium                   | medium                   | very low             | medium hig           | h high                 |
| PLANT: SEEDLING H  | ABIT (AT 100        | DAYS)                        |                          |                      |                      |                        |
|                    | medium to           | semi erect<br>ate to medium  | semi erect               | erect                | semi erect           | erect to<br>semi erect |
| PLANT: TIME OF INF | LORESCENC           | E EMERGENC                   | E (days from             | 1st emergence        | e) (LSD=6.75)        |                        |
| mean               | 118.38 <sup>b</sup> | 113.50 <sup>bc</sup>         | 109.75 <sup>cd</sup>     | 42.75 <sup>e</sup>   | 105.25 <sup>d</sup>  | 125.88 <sup>a</sup>    |
| std deviation      | 4.37                | 3.78                         | 3.69                     | 6.07                 | 6.14                 | 4.91                   |
| PLANT: GROWTH HA   | BIT AT INFL         | ORESCENCE 1                  | EMERGENC                 | E (1=erect, 9=       | =prostrate)          |                        |
| nean               | 2.41                | 2.23                         | 1.64                     | 2.43                 | 1.94                 | 1.55                   |
| PLANT: TIME OF FLO | )WERING (da         | vs from 1 <sup>st</sup> flow | er) <sup>++</sup> (LSD=6 | 5.50)                |                      |                        |
| mean               | 92.21 <sup>a</sup>  | 92.79 <sup>a</sup>           | 91.64 <sup>a</sup>       | 44.11°               | 81.72 <sup>b</sup>   | $97.46^{a}$            |
| std deviation      | 3.77                | 2.18                         | 3.15                     | 8.43                 | 6.81                 | 3.64                   |
| PLANT: CULM NUME   | BER (LSD=6.9        | 9)                           |                          |                      |                      |                        |
| mean               | 66.69ª              | 59.08 <sup>b</sup>           | $57.10^{b}$              | 20.91 <sup>e</sup>   | $31.35^{d}$          | 43.25°                 |
| std deviation      | 8.18                | 7.52                         | 4.24                     | 3.36                 | 2.59                 | 3.55                   |
| STEM: CULM THICK   | NESS (mm) (L        | SD=0.12)                     |                          |                      |                      |                        |
| mean               | 0.85°               | 1.00 <sup>b</sup>            | 1.01 <sup>b</sup>        | $1.45^{a}$           | 1.51 <sup>a</sup>    | $1.47^{a}$             |
| Std. Deviation     | 0.07                | 0.06                         | 0.10                     | 0.11                 | 0.15                 | 0.12                   |
| STEM: LENGTH OF L  | ONGEST STE          | EM (mm) (LSD=                | <del>8</del> 0.97)       |                      |                      |                        |
| mean               | $812.90^{d}$        | 944.44 <sup>c</sup>          | 1058.29 <sup>b</sup>     | 844.50 <sup>d</sup>  | 1105.62 <sup>b</sup> | 1242.92 <sup>a</sup>   |
| std deviation      | 45.55               | 56.55                        | 81.59                    | 29.11                | 78.17                | 114.18                 |
| STEM: LENGTH OF U  | PPER INTER          | NODE (mm) (L                 | SD=29.11)                |                      |                      |                        |
| mean               | $329.68^{b}$        | 332.66 <sup>b</sup>          | 354.09 <sup>ab</sup>     | 372.94 <sup>a</sup>  | 326.47 <sup>b</sup>  | 344.24 <sup>ab</sup>   |
| std deviation      | 29.61               | 26.58                        | 28.41                    | 34.16                | 14.91                | 32.41                  |
| FLAG LEAF: LENGTH  | I (mm) (LSD=        | 27.15)                       |                          |                      |                      |                        |
| mean               | 111.20°             | 124.66 <sup>c</sup>          | 125.77 <sup>c</sup>      | 177.71 <sup>b</sup>  | 172.85 <sup>b</sup>  | 226.86 <sup>a</sup>    |
| std deviation      | 19.14               | 16.56                        | 17.42                    | 27.47                | 24.51                | 24.62                  |
| FLAG LEAF: WIDTH ( |                     |                              |                          |                      |                      |                        |
| mean               | 4.13 <sup>d</sup>   | 4.69 <sup>cd</sup>           | $5.00^{c}$               | $6.86^{\mathrm{b}}$  | 7.83 <sup>a</sup>    | 7.91 <sup>a</sup>      |
| std deviation      | 0.34                | 0.27                         | 0.39                     | 0.68                 | 0.67                 | 0.78                   |
| NFLORESCENCE: LE   |                     | (LSD=24.79)                  |                          |                      |                      |                        |
| mean               | 98.92 <sup>d</sup>  | 128.97 <sup>bc</sup>         | 123.03 <sup>cd</sup>     | 132.19 <sup>bc</sup> | 151.20 <sup>b</sup>  | 197.02 <sup>a</sup>    |
| std deviation      | 13.80               | 15.28                        | 15.70                    | 22.28                | 20.82                | 20.87                  |
| THOUSAND SEED WI   | EIGHT (gms)         | (LSD=0.07)                   |                          |                      |                      |                        |
| mean               | 0.54°               | $0.50^{\circ}$               | $0.55^{c}$               | $0.64^{b}$           | $0.70^{a}$           | $0.71^{a}$             |
| std deviation      | 0.02                | 0.05                         | 0.06                     | 0.09                 | 0.07                 | 0.09                   |

Emergence of inflorescence was measured from day 0 = 1 Jul 2004. Time of flowering was measured from day 0 = 27 Aug 2004.

## Cocksfoot (Dactylis glomerata ssp. hispanica)

Variety: 'Uplands'

Synonym: N/A

**Application no:** 2003/103 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 14-May-2003 **Accepted:** 10-Jul-2003

Granted: N/A

Description

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through the Department of Primary Industries, Water and Environment

Agent: N/A

**Telephone**: 0363365234 **Fax**: 0363449814



Dactylis glomerata ssp. hispanica

Cocksfoot

### 'Uplands'

Application No: 2003/103 Accepted: 10 Jul 2003.

Applicant: University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, Kings Meadows, TAS.

Characteristics Ploidy: tetraploid. Foliage: fineness fine. Plant: type Mediterranean or *hispanica* perennial forage grass, persistence persistent, drought tolerance tolerant, cold tolerance tolerant, summer activity medium, protein content high, growth habit upright to semi-upright, tillering density high, maturity medium, colour medium to dark green with greyish hue (RHS 133A). Stem: width narrow mean 1.01mm, number per plant mean 57, length (inc. inflorescence) mean 1058.3mm, length of upper internode mean 354.1mm. Flag leaf: length mean 125.8mm, width mean 5.0mm. Inflorescence: length mean 123.0mm, emergence date mean 19 Oct, (109.75 days from day 0 = 1 July) flowering date mean 27 November (91.64 days from day 0 = 27 August), colour of anthers mostly pale yellow. Seed: thousand seed weight 0.55gms.

**Origin and Breeding** Recurrent phenotypic selection: 4 cycles of recurrent phenotypic selection for seedling vigour, summer activity and upright growth habit within CPI 134670, collected as seed near Zamora, Spain 3 Jul 1993. In 1994, 30 plants of CPI 134670 were grown, 3 plants selected for seedling vigour and interpollinated in isolation. In 1997, 154 plants were selected on the basis of seedling vigour and interpollinated in isolation. In 2000, a small number (6) of plants displayed summer activity, these plants were cross-pollinated in isolation. Seed was harvested from 1 plant only that displayed increased vigour and summer activity over the other plants. A further selection of 80 plants for seedling vigour and growth habit was made in 2001, 14 non-summer active plants were removed. Selection criteria: vigour, early tillering and summer activity. Propagation: seed. Breeders: Eric Hall and Andrea Hurst, Tasmanian Institute of Agricultural Research, Mt Pleasant Laboratories, Launceston, Tas.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were - summer activity, tiller density, growth habit and flag leaf width. On the basis of these grouping characteristics the following comparator varieties were included in the trial 'Sendace', 'Porto', 'Currie', and 'Kasbah'. Parent material CPI 134670 was included as evidence of breeding.

Comparative Trial Location: Mt. Pleasant Laboratories, Launceston, Tasmania (41°.28′ S, 147°.08′ E, elevation 174m). Period: 16/05/2003 to 30/01/2005. Conditions: seed was germinated on pads 16 May 2003 and pricked into 64 cell Yates Rite-Gro Kwik trays 23 May 2003 and grown in glasshouse conditions under natural light. After 100 days the seedlings were transplanted into 200mm pots in a pine bark/loam based potting mix with premixed slow release fertiliser and transferred to an outside trial site under overhead irrigation. Plants were kept trimmed until end of autumn 2004. Plants were given weekly treatments of soluble fertiliser during the main growing period Aug to Nov 2004. No pesticides or fungicides were used during the trial period. Weeds were controlled by hand. Trial design: randomised block, 8 replicates, 12 plants per plot. Measurements/observations: seedling habit and tiller number characteristics were measured from plants grown under glasshouse conditions at 100 days. Summer activity and plant colour were determined from plants grown in field rows (2 \*5m rows). All other characteristics and comparisons described below are from potted plants grown in the open. Emergence of inflorescence was measured from day 0 = 1 Jul 2004 and time of flowering was measured from day 0 = 27 Aug 2004. The remaining measurements were taken at anthesis. Seed was harvested from potted plants to determine seed size. Ninety-six plants of each variety were grown and measured.

### **Prior Applications and Sales** nil

Description: Andrea Hurst & Eric Hall, Tasmanian Institute of Agricultural Research, Launceston, Tasmania.

Table Dactylis varieties (# parent accession, \*comparators)

|                    | 'Uplands'            | #CPI 134670                  | *'Sendace'                | *'Kasbah'                 | *'Currie'                  | *'Porto'               |
|--------------------|----------------------|------------------------------|---------------------------|---------------------------|----------------------------|------------------------|
| PLANT: SUMMER AC   | TIVITY               |                              |                           |                           |                            |                        |
|                    | medium               | low medium                   | low                       | very low                  | medium high                | n high                 |
| PLANT: SEEDLING H  | ABIT (RATIN          | G AT 100 DAY                 | (S) (1=erect, 9           | 9=prostrate)              |                            |                        |
|                    | semi erect           | semi erect<br>to medium      | medium to<br>semi prostra | erect                     | semi erect                 | erect to<br>semi erect |
| PLANT: TIME OF INF | LORESCENC            | E EMERGENC                   | E (days from              | 1 <sup>st</sup> emergence | e) <sup>+</sup> (LSD=6.75) |                        |
| mean               | 109.75 <sup>cd</sup> | 113.50 <sup>bc</sup>         | 118.38 <sup>b</sup>       | 42.75 <sup>e</sup>        | 105.25 <sup>d</sup>        | 125.88 <sup>a</sup>    |
| std deviation      | 3.69                 | 3.78                         | 4.37                      | 6.07                      | 6.14                       | 4.91                   |
| PLANT: GROWTH HA   | BIT AT INFL          | ORESCENCE I                  | EMERGENC                  | E (1=erect, 9=            | =prostrate)                |                        |
| mean               | 1.64                 | 2.23                         | 2.41                      | 2.43                      | 1.94                       | 1.55                   |
| PLANT: TIME OF FLO | WERING (day          | ys from 1 <sup>st</sup> flow | ering) <sup>++</sup> (LSD | <b>)</b> =6.50)           |                            |                        |
| mean               | 91.64 <sup>a</sup>   | 92.79 <sup>a</sup>           | 92.21 <sup>a</sup>        | 44.11°                    | 81.72 <sup>b</sup>         | 97.46 <sup>a</sup>     |
| std deviation      | 3.15                 | 2.18                         | 3.77                      | 8.43                      | 6.81                       | 3.64                   |
| PLANT: CULM NUME   | BER (LSD=6.99        | 9)                           |                           |                           |                            |                        |
| mean               | 57.10 <sup>b</sup>   | 59.08 <sup>b</sup>           | 66.69 <sup>a</sup>        | 20.91 <sup>e</sup>        | 31.35 <sup>d</sup>         | 43.25°                 |
| std deviation      | 4.24                 | 7.52                         | 8.18                      | 3.36                      | 2.59                       | 3.55                   |
| STEM: CULM THICK   | NESS (mm) (L         | SD=0.12)                     |                           |                           |                            |                        |
| mean               | 1.01 <sup>b</sup>    | $1.00^{b}$                   | $0.85^{c}$                | 1.45 <sup>a</sup>         | 1.51 <sup>a</sup>          | $1.47^{a}$             |
| std deviation      | 0.10                 | 0.06                         | 0.07                      | 0.11                      | 0.15                       | 0.12                   |
| STEM: LENGTH OF L  | ONGEST STE           | M (mm) (LSD=                 | ÷80.97)                   |                           |                            |                        |
| mean               | 1058.29 <sup>b</sup> | 944.44°                      | $812.90^{d}$              | 844.50 <sup>d</sup>       | 1105.62 <sup>b</sup>       | 1242.92 <sup>a</sup>   |
| std deviation      | 81.59                | 56.55                        | 45.55                     | 29.11                     | 78.17                      | 114.18                 |
| STEM: LENGTH OF U  | PPER INTERN          | NODE (mm) (L                 | SD=29.11)                 |                           |                            |                        |
| mean               | 354.09 <sup>ab</sup> | 332.66 <sup>b</sup>          | 329.68 <sup>b</sup>       | 372.94 a                  | 326.47 <sup>b</sup>        | 344.24 <sup>ab</sup>   |
| std deviation      | 28.41                | 26.58                        | 29.61                     | 34.16                     | 14.91                      | 32.41                  |
| FLAG LEAF: LENGTH  | I (mm) (LSD=2        | 27.15)                       |                           |                           |                            |                        |
| mean               | 125.77 <sup>c</sup>  | 124.66 <sup>c</sup>          | 111.20°                   | 177.71 <sup>b</sup>       | 172.85 <sup>b</sup>        | $226.86^{a}$           |
| std deviation      | 17.42                | 16.56                        | 19.14                     | 27.47                     | 24.51                      | 24.62                  |
| FLAG LEAF: WIDTH ( |                      |                              | <del> </del>              |                           |                            |                        |
| mean               | $5.00^{c}$           | 4.69 <sup>cd</sup>           | 4.13 <sup>d</sup>         | $6.86^{b}$                | 7.83 <sup>a</sup>          | 7.91 <sup>a</sup>      |
| std deviation      | 0.39                 | 0.27                         | 0.34                      | 0.68                      | 0.67                       | 0.78                   |
| NFLORESCENCE: LE   |                      | LSD=24.79)                   | <del> </del>              |                           |                            |                        |
| mean               | 123.03 <sup>cd</sup> | 128.97 <sup>bc</sup>         | 98.92 <sup>d</sup>        | 132.19 <sup>bc</sup>      | 151.20 <sup>b</sup>        | 197.02 <sup>a</sup>    |
| std deviation      | 15.70                | 15.28                        | 13.80                     | 22.28                     | 20.82                      | 20.87                  |
| SEED: THOUSAND SE  | EED WEIGHT           | (gms) (LSD=0.                | 07)                       |                           |                            |                        |
| mean               | 0.55°                | $0.50^{\circ}$               | 0.54°                     | $0.64^{b}$                | $0.70^{a}$                 | $0.71^{a}$             |
| std deviation      | 0.06                 | 0.05                         | 0.02                      | 0.09                      | 0.07                       | 0.09                   |

Emergence of inflorescence was measured from day 0 = 1 Jul 2004. Time of flowering was measured from day 0 = 27 Aug 2004.

## Red Clover (Trifolium pratense)

Variety: 'Genstar'
Synonym: N/A

**Application no:** 2000/196 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 10-Jul-2000 **Accepted:** 30-Nov-2000

Granted: N/A

Description

published in Plant Varieties

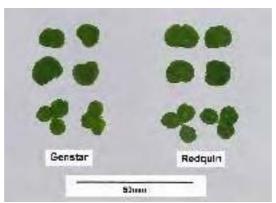
Volume 18, Issue 1

Journal:

Title Holder: University of Western Australia

Agent: N/A

**Telephone**: 0893802505 **Fax**: 0893801140



Trifolium pratense

Red Clover

### 'Genstar'

Application No: 2000/196 Accepted: 30 Nov 2000.

Applicant: University of Western Australia, Crawley, WA.

Characteristics Ploidy: diploid. Plant: height medium, growth habit erect, maturity type medium to late (mean 168.26 days). Stem: density medium, length medium, thickness thick (mean 3.85 mm), presence of anthocyanin colouration > 83%, intensity of anthocyanin colouration medium to strong, presence of pubescence > 88%, intensity of pubescence strong to medium, internode length long, number of internodes per stem medium (mean 7.88). Unifoliate leaf: presence of white markings absent. Trifoliate leaf: (at 3<sup>rd</sup> node from top) shape ovate to elongated, width medium (mean 17.54 mm), length medium (mean 32.76 mm), frequency of plants with white marking high > 95%, intensity of white marking weak to medium, colour dark green (RHS 137B). Flower: colour uniform purple violet (RHS 80B). Seed: testa colour 73% violet (RHS 86A), 27% yellow - orange (RHS 18A) (Note: All RHS colour chart numbers refer to 1995 edition.)

Origin and Breeding Single plant selection: in 1997, 1800 single plants from the variety 'Redquin' were tested for isoflavone content. 190 plants with the target ratings were selected and seed bulked to form a P1 generation. In 1998, 1800 single plants were grown from the P1 seed. 200 of these plants were selected for isoflavone content, maturity length and plant vigour. Seed from these plants was bulked to form P2 generation. In 1999, seed from P2 was sown in a bulk plot, early flowering plants were removed and seed was bulked to form P3 seed. In 2000, seed increase rows were sown at Medina Western Australia, early flowering and weak plants were removed. In 2001, bulk plots were sown at Narracorte South Australia. In 2003 and 2004 small production trials were conducted at South Perth Western Australia. Selection criteria: Isoflavone levels, plant vigour, maturity. Propagation: seed. Breeder: Professor C M Francis, University of Western Australia, Crawley Western Australia. Kevin Foster, Department of Agriculture South Perth WA

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: type, growth habit. Leaf: size, shape and colour. On the basis of these grouping characteristics the following comparator was included in the trial: 'Redquin'. 'Genstar' is a selection from 'Redquin'.

Comparative Trial Location: Wongamine, Avon Valley, Western Australia. Sown 20/06/04 at 10 kg/ha. Conditions: plants were in red/brown sandy loam pH 5.3 CaCl2 in open plots. The plots were treated with glyphosate at 1 l/ha on 15/05/04 and cultivated on the 20/05/04. Plain superphosphate at 150 kg/ha was applied at seeding. Insecticide was used at the 6 leaf stage for lucerne flea control and pre flowering for aphid control. Trial design: plants sown in randomised complete blocks 8 meters long by 0.5 meters wide (1 row) by 3 replications. Measurements: taken from 20 specimens per replicate selected at random from approximately 200 plants. One sample was taken per plant.

### **Prior Applications and Sales Nil.**

Description: David Allen Collins, David Collins Consulting, Northam, WA.

# Table Trifolium varieties

|                 | 'Genstar'                                    | *'Redquin                                      |  |
|-----------------|--|--|--|
| PLANT: MATURE I | HEIGHT mm (taken at full flo                 | wer)   |  |
| mean            | 444.70                                       | 457.50   |  |
| std deviation   | 65.07  | 73.29  |  |
| LSD/sig         | 123.43                                       | ns   |  |
| PLANT: HEIGHT A | FTER CUTTING mm (taken                       | 5 weeks post cutting )                         |  |
| mean            | 309.55                                       | 329.40   |  |
| std deviation   | 52.21  | 51.86  |  |
| LSD/sig         | 81.93  | ns   |  |
| MEDIAL LEAFLET  | : LENGTH mm (taken from 3                    | rd leaf below flower)                          |  |
| mean            | 32.76  | 33.60  |  |
| std deviation   | 4.97   | 4.82   |  |
| LSD/sig         | 5.92   | ns   |  |
| MEDIAL LEAFLET  | : WIDTH mm (taken from 3 <sup>rd</sup>       | leaf below flower)                             |  |
| mean            | 17.54  | 17.98  |  |
| std deviation   | 2.87   | 2.65   |  |
| LSD/sig         | 3.31   | ns   |  |
|                 |  |  |  |
| MEDIAL LEAFLET  |  | (taken from 3 <sup>rd</sup> leaf below flower) |  |
| mean            | 1.90   | 1.89   |  |
| std deviation   | 0.31   | 0.34   |  |
| LSD/sig         | 0.26   | ns   |  |
| DAYS TO FLOWER  |  |  |  |
| mean            | 168.26                                       | 176.33   |  |
| std deviation   | 9.31   | 6.07   |  |
| LSD/sig         | 5.65   | P≤ 0.01  |  |
| INTERNODES: NUI | MBER (taken at full flower)                  |  |  |
| mean            | 7.88   | 8.45   |  |
| std deviation   | 1.03   | 1.19   |  |
| LSD/sig         | 0.61   | ns   |  |
| CTEM. DIAMETER  | mm (taken at full flower abov                | is 2 <sup>rd</sup> node from base)             |  |
|                 | •  | 3.71   |  |
| mean            | 3.85   |  |  |
| std deviation   | 0.76   | 0.60   |  |
| LSD/sig         | 1.22   | ns   |  |
|                 | I mm (taken at full flower at 3 <sup>1</sup> |  |  |
| mean            | 24.23  | 28.25  |  |
| std deviation   | 3.47   | 3.75   |  |
| LSD/sig         | 5.38   | ns   |  |
| FLOWER: COLOUR  | R (RHS, 1995)                                |  |  |
|                 | 80B  | 78D to 75D                                     |  |
|                 |  |  |  |
| UNIFOLIATE LEAV | VES: PRESENCE OF WHITE                       | EMARKING                                       |  |

## Lily (Lilium hybrid)

Variety: 'Veronese'

Synonym: N/A

**Application no:** 2004/149 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-May-2004 **Accepted:** 29-Nov-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Vletter & Den Haan Beheer B.V.

**Agent:** Watermark - Patent & Trademark Attorneys

**Telephone**: 0398191664 **Fax**: 0398196010

View the detailed description of this variety.



Lilium hybrid

Lily

#### 'Veronese'

Application No: 2004/149 Accepted: 29 Nov 2004.

Applicant: **Vletter & Den Haan Beheer B.V.,** Rijnsburg, The Netherlands. Agent: **Watermark – Patent & Trademark Attorneys,** Hawthorn, VIC.

Characteristics Plant: height tall to very tall. Stem: (length mean 78.4cm std deviation 4.3.) anthocyanin colouration (in middle third) absent, number of leaves on middle third few to medium. Leaf: arrangement alternate, level of leaf tip compared to point of attachment to stem above, distal part straight, length medium to long (mean 162.8mm std deviation 7.8), width medium to broad (mean 24.9mm std deviation 1.7), glossiness of upper surface medium, cross section flat. Inflorescence: type racemose, number of flowers few (to medium mean 4.8 std deviation 0.4), pubescence absent or very weak to weak. Flower: type single, attitude of longitudinal axis erect to horizontal, length of longest outer tepal medium to long, (mean 127.2mm std deviation 1.7) width of widest outer tepal medium to broad (mean 43.2mm std deviation 0.5), main colour group light yellow, main colour of inner side of inner tepal light yellow near RHS 7D (near RHS 10B), main colour of outer side of inner tepal light yellow near RHS 5D (near RHS 10C/D), main vein with purple-red flush, main colour of inner side of outer tepal light yellow near RHS 7D (near RHS 9D), type of colouration of inner side of inner tepal self coloured, colour distribution lighter towards top, colour of the nectar furrow green, stigma position in relation to anthers above. Tepal: spots on inner side absent, spots on papillae absent, colour at the base of the main vein inner side yellow near RHS 7A, texture of inner side papillose, undulation of margin weak to medium, type of undulation of margin fine and coarse (mainly coarse), recurved part distal part only, degree of recurving medium. Stamen: length long, main colour of filament green with light yellow at base, colour of anther purple before dehiscence. Pollen: colour reddish brown. Style: main colour green. Stigma: colour green (grey green). Time of flowering: late. (values within parenthesis are from local observations. RHS colour chart; 1996 edition.)

Origin and Breeding Controlled pollination: seed parent # PH 96-59 x pollen parent # RH 96-4. 'Veronese' was developed as the result of a yearly breeding program conducted under controlled greenhouse conditions. Crossing made in 1996, and the selection of 'Veronese' made in 1999. Performance and stability testing, under the control of the breeder, was undertaken over at least two generations on the premises of the breeder and at different locations in The Netherlands. Selection criteria: vigorous growth, large erect flowers, attractive flower colour, minimum stem length 60-70cm, long shelf life suitable for cut flower production. Propagation: 'Veronese' proved stable through numerous generations via in-vitro propagation followed by scaling of mature bulbs. Breeder: C. A. van der Voort, Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were- Flower: main colour of inner side of inner and outer tepals light yellow. Based of these grouping characteristics, the variety 'Aubade' was selected as the closest comparator by the breeder and qualified person, and it differed from 'Veronese' in that flowers bicoloured white and yellow, and stems shorter. Other varieties rejected were Manissa (2002/042) and 'Conca D'Or' (2002/040) because both had tepals a different shade of yellow and stigma purple. The seed parent # PH 96-59 had bicoloured flowers white and yellow, and stems shorter. The pollen parent # RH 96-4 had bicoloured flowers white and yellow, and lower bud count. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Veronese'.

**Comparative Trial** The detailed description is based on UPOV Report of Technical Examination, DLO Foundation, Wageningen, The Netherlands, Reference number LEL 2073, and confirmed from

local examination. The comparative study conducted at Silvan, Victoria in an environmentally controlled greenhouse during autumn/winter 2004 (southern hemisphere). Cool stored bulbs planted into trays 40 by 60 cm in a pinebark based potting mix 15-18 cm deep. 10-15 bulbs per tray and each tray replicated. Plants spaced to express their true growth characteristics. Plant growth was vigorous, free of stress. Plants maintained under sound cultural procedures. Observations made at random from within the plant population.

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

| Country      | Year | <b>Current Status</b> | Name Applied |
|--------------|------|-----------------------|--------------|
| EU           | 2002 | Granted               | 'Veronese'   |
| New Zealand  | 2004 | Applied               | 'Veronese'   |
| South Africa | 2004 | Applied               | 'Veronese'   |

Prior sale: Nil.

## Lily (Lilium hybrid)

Variety: 'Halifax' Synonym: N/A

**Application no:** 2004/145 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-May-2004 **Accepted:** 29-Nov-2004

Granted: N/A

Description

published in Plant Varieties

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Title Holder: Vletter & Den Haan Beheer B.V.

**Agent:** Watermark - Patent & Trademark Attorneys

**Telephone**: 0398191664 **Fax**: 0398196010



Lilium hybrid

Lily

#### 'Halifax'

Application No: 2004/145 Accepted: 29 Nov 2004.

Applicant: **Vletter & Den Haan Beheer B.V.,** Rijnsburg, The Netherlands. Agent: **Watermark – Patent & Trademark Attorneys,** Hawthorn, VIC.

Characteristics Plant: height medium to tall. Stem: (length mean 78.4cm std deviation 5.9) anthocyanin colouration (in middle third) absent, number of leaves on middle third few to medium. Leaf: arrangement alternate, level of leaf tip compared to point of attachment on stem same level, distal end straight, length medium to long (mean 153.0mm std deviation 14.0), width broad to very broad (mean 41.2mm std deviation 2.4), glossiness of upper surface weak, cross section flat, (colour dark green). Inflorescence: type racemose, flower number of flowers few (to medium mean 6.2 std deviation 0.4), pubescence absent or very weak to weak. Flower: type single, attitude of longitudinal axis erect, length of longest outer tepal medium to long (mean 133.8mm std deviation 3.2), width of widest outer tepal medium (mean 38.6mm std deviation 1.1), main colour of inner side of inner tepal dark red-purple RHS 60A (RHS 185B/187D), main colour of outer side of inner tepal red-purple near RHS 63A (RHS 186A), main colour of inner side outer tepal dark red-purple near RHS 60A (RHS 185B/187D), type of colouration of inner side of inner tepal self coloured, colour of the nectar furrow green, stigma position in relation to anthers above. Tepal: spots on inner side present, number of spots on inner side medium, size of spotted area on inner side medium, spots on papillae present, colour at the base of the main vein inner side white, texture of inner side papillose, undulation of margin strong, type of undulation of margin fine and coarse, recurved part distal part only, degree of recurving medium. Stamen: length medium to long, main colour of filament green (base white), colour of anther reddish brown. Pollen: colour orange brown. Style: main colour green. Stigma: colour grey (over green). Time of flowering: early. (Values within parenthesis are from local observations. RHS colour chart; 1996 edition.)

**Origin and Breeding** Controlled pollination: seed parent #92-80 x pollen parent #RM-96-2. 'Halifax' was developed as the result of a yearly breeding program conducted under controlled greenhouse conditions. Crossing made in 1996, and the selection of 'Halifax' made in 1999. Performance testing, under the control of the breeder, was undertaken over at least two generations on the premises of the breeder and at different locations in The Netherlands. Selection criteria: vigorous growth, early flower response, large erect flowers, attractive flower colour, minimum stem length 60-70cm, long shelf life suitable for cut flower production. Propagation: 'Halifax' proved stable through numerous generations via in-vitro propagation followed by scaling of mature bulbs. Breeder: C. A. van der Voort, Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were- Flower: main colour of inner side of inner and outer tepals dark red-purple. Based of these grouping characteristic, the variety 'Barbaresco' (1996/175) was selected as the closest comparator by the breeder and qualified person, and it differed from 'Halifax' in having stem longer and less sturdy, bud count smaller and stigma green. 'Stargazer' was rejected as a comparator because the tepals differed in shade of red-purple and the margins are coloured white. The seed parent #92-80 had taller stems, flower size smaller and stigma colour purple. The pollen parent #RM-96-2 had smaller flowers and much higher bud count. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Halifax'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, DLO Foundation, Wageningen, The Netherlands, Reference number LEL 2091, and confirmed from local examination. The comparative study conducted at Silvan, Victoria in an environmentally controlled greenhouse during autumn/winter 2004 (southern hemisphere). Cool stored bulbs planted

into trays 40 by 60 cm in a pinebark based potting mix 15-18 cm deep. 10-15 bulbs per tray and each tray replicated. Plants spaced to express their true growth characteristics. Plant growth was vigorous, free of stress. Plants maintained under sound cultural procedures. Observations made at random from within the plant population.

### **Prior Applications and Sales**

| Country      | Year | Current Status | Name Applied |
|--------------|------|----------------|--------------|
| EU           | 2002 | Granted        | 'Halifax'    |
| New Zealand  | 2004 | Applied        | 'Halifax'    |
| South Africa | 2004 | Applied        | 'Halifax'    |

Prior sale: Nil.

## Lily (Lilium hybrid)

Variety: 'Valparaiso'

Synonym: N/A

**Application no:** 2004/148 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-May-2004 **Accepted:** 29-Nov-2004

Granted: N/A

Description

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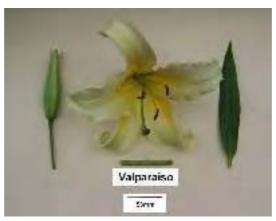
Journal:

Title Holder: Vletter & Den Haan Beheer B.V.

**Agent:** Watermark - Patent & Trademark Attorneys

**Telephone**: 0398191664 **Fax**: 0398196010

View the detailed description of this variety.



Lilium hybrid

Lily

### 'Valparaiso'

Application No: 2004/148 Accepted: 29 Nov 2004.

Applicant: **Vletter & Den Haan Beheer B.V.,** Rijnsburg, The Netherlands. Agent: **Watermark – Patent & Trademark Attorneys,** Hawthorn, VIC.

Characteristics Plant: height medium to tall. Stem: (length mean 76.0cm std deviation 2.) anthocyanin colouration (in middle third) absent, number of leaves on middle third of stem few to medium. Leaf: arrangement alternate, level of leaf tip compared to point of attachment to stem above, distal part straight, length medium to long (mean 154.4mm std deviation 21.5), width medium to broad (mean 22.0mm std deviation 2.0), glossiness of upper side (weak to) medium, cross section flat. Inflorescence: type umbellate (racemose), number of flowers few (to medium mean 4.2 std deviation 0.4), pubescence absent or very weak to weak. Flower: type single, attitude of longitudinal axis erect, length of longest outer tepal long, width of widest outer tepal medium to broad, main colour group light yellow, main colour of inner side of inner tepal light yellow near RHS 5D, main colour of outer side of inner tepal light yellow near RHS 4D (near RHS 5D), main colour of inner side of outer tepal light yellow near RHS 5D, type of colouration of inner side of inner tepal self coloured, colour distribution lighter towards top, colour of the nectar furrow green, position of stigma in relation to anthers above. Tepal: spots inner side absent, spots on papillae absent, colour at the base of the main vein inner side yellow (near RHS 12B), texture of inner side papillose, undulation of margin medium to strong, type of undulation of margin fine and coarse, recurved part distal part only, degree of recurving medium to strong. Stamen: length long to very long, main colour of filament yellow green (pale green), colour of anther orange red (purple before dehiscence). Pollen: colour orange brown. Style: main colour green. Stigma: colour purple. Time of flowering: late to very late. (Values within parenthesis are from local observations. RHS colour chart; 1996 edition.)

**Origin and Breeding** Controlled pollination: seed parent # PG 95-048 x pollen parent # RH 95-017. 'Valparaiso' was developed as the result of a yearly breeding program conducted under controlled greenhouse conditions. Crossing was made in 1996, and the selection of 'Valparaiso' was made in 1999. Performance and stability testing, under the control of the breeder, was undertaken over at least two generations on the premises of the breeder and at different locations in The Netherlands. Selection criteria: vigorous growth, large erect flowers, attractive flower colour, minimum stem length 60-70cm, long shelf life suitable for cut flower production. Propagation: 'Valparaiso' proved stable through numerous generations via in-vitro propagation followed by scaling of mature bulbs. Breeder: C. A. van der Voort, Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour of inner side of inner and outer tepals light yellow. Based of these grouping characteristics, the variety 'Aubade' was selected as the closest comparator by the breeder and qualified person, and it differed from 'Valparaiso' in flowers bicoloured white and yellow, and stems shorter. Other varieties rejected were Manissa (2002/042) and 'Conca D'Or' (2002/040) because both had tepals of a different shade of yellow. The seed parent # PG 95-048 had stronger yellow in tepals, and longitudinal axis of flowers horizontal. The pollen parent # RH 95-017 had bicoloured flowers white and yellow, and stems shorter. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Valparaiso'.

**Comparative Trial** The detailed description is based on UPOV Report of Technical Examination, DLO Foundation, Wageningen, The Netherlands, Reference number LEL 2084, and confirmed from local examination. The comparative study was conducted at Silvan, Victoria in an environmentally

controlled greenhouse during autumn/winter 2004 (southern hemisphere). Cool stored bulbs planted into trays 40 by 60 cm in a pinebark based potting mix 15-18 cm deep. 10-15 bulbs per tray and each tray replicated. Plants were spaced to express their true growth characteristics. Plant growth was vigorous, free of stress. Plants were maintained under sound cultural procedures. Observations were made at random from within the plant population.

### **Prior Applications and Sales**

| Country      | Year | Current Status | Name Applied |
|--------------|------|----------------|--------------|
| EU           | 2002 | Granted        | 'Valparaiso' |
| New Zealand  | 2004 | Applied        | 'Valparaiso' |
| South Africa | 2004 | Applied        | 'Valparaiso' |

Prior sale: Nil.

## Lily (Lilium hybrid)

Variety: 'Vina Del Mar'

Synonym: N/A

**Application no:** 2004/150 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 07-May-2004 **Accepted:** 29-Nov-2004

Granted: N/A

Description

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Title Holder: Vletter & Den Haan Beheer B.V.

**Agent:** Watermark - Patent & Trademark Attorneys

**Telephone**: 0398191664 **Fax**: 0398196010

View the detailed description of this variety.



Lilium hybrid

Lily

#### 'Vina Del Mar'

Application No: 2004/150 Accepted: 29 Nov 2004.

Applicant: **Vletter & Den Haan Beheer B.V.,** Rijnsburg, The Netherlands. Agent: **Watermark – Patent & Trademark Attorneys,** Hawthorn, VIC.

Characteristics Plant: height medium to tall. Stem: (length mean 83.4cm std deviation 5.3) anthocyanin colouration (in middle third) absent, number of leaves on middle third of stem few to medium. Leaf: arrangement alternate, level of tip compared to point of attachment on stem above, distal part straight, length medium to long (mean 158.2mm std deviation 14.5), width broad (mean 29.4mm std deviation 1.5), glossiness of upper side (weak to) medium, cross section flat. Inflorescence: type racemose, number of flowers few (to medium) (mean 6.6 std deviation 0.9), pubescence absent or very weak to weak. Flower: type single, attitude of longitudinal axis erect to horizontal, length of longest outer tepal medium to long, (mean 132.8mm std deviation 8.3) width of widest outer tepal medium to broad (mean 43.6mm std deviation 1.7), main colour group light yellow, main colour of inner side of inner tepal light yellow near RHS 8B (near RHS 8C), main colour of outer side of inner tepal light yellow between RHS 8C and RHS 5D (between RHS 8C and RHS 10C), main colour of inner side of outer tepal light yellow near RHS 8B (near RHS 10B), type of colouration type inner side of inner tepal self coloured, colour distribution lighter towards top, colour of the nectar furrow green, position of stigma in relation to anthers above. Tepal: number of spots on inner side absent, spots on papillae absent, colour at the base of the main vein inner side yellow near RHS 12A, texture of inner side papillose, undulation of margin medium, type of undulation of margin fine and coarse, recurved part distal part only, degree of recurving medium. Stamen: length long, main colour of filament green with light yellow at base, colour of anther reddish-brown (purple before dehiscence). Pollen: colour reddish brown. Style: main colour green. Stigma: colour dark purple. Time of flowering: late. (Values within parenthesis are from local observations. RHS colour chart; 1996 edition.)

**Origin and Breeding** Controlled pollination: seed parent # PG 95-048 x pollen parent 'Aubade'. 'Vina Del Mar' was developed as the result of a yearly breeding program conducted under controlled greenhouse conditions. Crossing made in 1996, and the selection of 'Vina Del Mar' made in 1999. Performance and stability testing, under the control of the breeder, was undertaken over at least two generations on the premises of the breeder and at different locations in The Netherlands. Selection criteria: vigorous growth, large erect flowers, attractive flower colour, minimum stem length 60-70cm, long shelf life suitable for cut flower production. Propagation: 'Vina Del Mar' proved stable through numerous generations via in-vitro propagation followed by scaling of mature bulbs. Breeder: C. A. van der Voort, Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were- Flower: main colour of inner side of inner and outer tepals light yellow. Based of these grouping characteristics, the variety 'Aubade' was selected as the closest comparator by the breeder and qualified person. It differed from 'Vina Del Mar' in that flowers bicoloured white and yellow along mid vein, and smaller in size. Other varieties rejected were: 'Manissa'(2002/042) tepals a different shade of yellow, and stem had anthocyanin colouration, and 'Conca D'Or'(2002/040) tepals a slightly different shade of yellow and tepals more strongly recurved. The seed parent # PG 95-048 had flowers of a stronger yellow, and stems much shorter. The pollen parent 'Aubade' also showed differences (see above). No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Vina Del Mar'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, DLO Foundation, Wageningen, The Netherlands, Reference number LEL 2085, and confirmed from local examination. The comparative study conducted at Silvan, Victoria in an environmentally controlled greenhouse during autumn/winter 2004 (southern hemisphere). Cool stored bulbs planted into trays 40 by 60 cm in a pinebark based potting mix 15-18 cm deep. 10-15 bulbs per tray and each tray replicated. Plants spaced to express their true growth characteristics. Plant growth was vigorous, free of stress. Plants maintained under sound cultural procedures. Observations made at random from within the plant population.

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

| Country      | Year | <b>Current Status</b> | Name Applied   |
|--------------|------|-----------------------|----------------|
| EU           | 2002 | Granted               | 'Vina Del Mar' |
| New Zealand  | 2004 | Applied               | 'Vina Del Mar' |
| South Africa | 2004 | Applied               | 'Vina Del Mar' |

Prior sale: Nil.

## Rose (Rosa hybrid)

Variety: 'Kornalist'

Synonym: N/A

**Application no:** 2001/306 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 02-Nov-2001 **Accepted:** 17-Jan-2003

Granted: N/A

Description

published in Plant Varieties

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Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

**Agent:** Treloar Roses Pty Ltd

**Telephone**: 0355292367 **Fax**: 0355292511



Rosa hybrid

Rose

#### 'Kornalist'

Application No: 2001/306 Accepted: 17 Jan 2003

Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop,

Germany.

Agent: Treloar Roses Pty Ltd, Portland, VIC.

Characteristics Plant: growth habit narrow bushy (height short, width medium). Young shoot: anthocyanin colouration strong, hue of anthocyanin colouration reddish brown (to purple). Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number medium. Leaf: size large, green colour medium to dark, glossiness of upper side weak. Leaflet: cross section flat, undulation of margin medium to strong (weak). Terminal leaflet: length of blade medium to long (mean 70.4mm std deviation 4.9), width of blade medium to broad (mean 50.3mm std deviation 3.7), shape of base rounded. Flowering shoot: number of flowers very few mostly single. Flower pedicel: number of hairs or prickles medium to many. Flower bud: shape of longitudinal section broad ovate. Flower: type double, colour greenish yellow, number of petals very few to few (many), diameter large (mean 95.3mm std deviation 4.2), view from above irregularly rounded, side view of upper part flat, side view of lower part flat (flattened convex), fragrance weak. Sepal: (length mean 40.6mm std deviation 5.1), extensions medium to strong. Petal: size large, colour of middle zone of inner side pale greenish yellow RHS 1D/2C, colour of marginal zone of inner side pale greenish yellow RHS 1D/2C, spot at base of inner side present, size of spot at base of inner side small, colour of spot at base of inner side yellow RHS 3B, colour of middle zone of outer side pale greenish yellow RHS 1D, colour of marginal zone of outer side yellow green RHS 145B, spot at base of outer side absent, reflexing of margin weak to medium, undulation of margin medium to strong. Outer stamen: predominant colour of filament yellow. (Style: predominant colour yellow green. Stigma: height in relation to anther above.) Seed vessel: size at petal fall small to medium. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering late. Flowering: habit almost continuous flowering. (Values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

**Origin and Breeding** Controlled cross pollination: seed parent 'Kormiller' syn Dream x pollen parent 'Sandrina'. In spring/summer pollen from 'Sandrina' was applied to a flower of 'Kormiller'. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions early the following spring and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: via shoot cuttings and has proved stable through many generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group yellow, and plant growth type bed rose. Based of these grouping characteristics, the variety 'Korplasina' syn Our Vanilla (1996/081) was selected as the closest comparator by the breeder and qualified person. It differed from 'Kornalist' in that outer flower petals were a creamy white colour (RHS 155A). The parents differed from 'Kornalist' in that the seed parent 'Kormiller' syn Dream (1996/076) had pastel pink flower colour and the pollen parent 'Sandrina' had clear yellow flower colour. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Kornalist'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Bundessortenamt, Prufstelle, Rethmar, Reference number ROS 1850 and confirmed from local examination. The comparative study was conducted at Portland, Victoria. The roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Kornalist' was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in early summer on one year-old plants growing in double rows along with other varieties.

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

| Country           | Year | <b>Current Status</b> | Name Applied |
|-------------------|------|-----------------------|--------------|
| Germany           | 1999 | Granted               | 'Kornalist'  |
| EU                | 1999 | Granted               | 'Kornalist'  |
| South Africa      | 1999 | Granted               | 'Kornalist'  |
| Israel            | 1999 | Granted               | 'Kornalist'  |
| Colombia          | 2000 | Granted               | 'Kornalist'  |
| Poland            | 2000 | Granted               | 'Kornalist'  |
| Japan             | 2001 | Applied               | 'Kornalist'  |
| Republic of Korea | 2002 | Granted               | 'Kornalist'  |
| New Zealand       | 2001 | Surrendered           | 'Kornalist'  |

First sold in Germany Jun 1999.

## Rose (Rosa hybrid)

Variety: 'Kordroper'

Synonym: N/A

**Application no:** 2002/105 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 01-May-2002 **Accepted:** 20-Jun-2002

Granted: N/A

Description

published in Plant Varieties

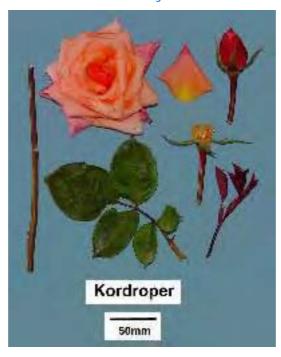
Volume 18, Issue 1

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

**Agent:** Treloar Roses Pty Ltd

**Telephone**: 0355292367 **Fax**: 0355292511



Rosa hybrid

Rose

### 'Kordroper'

Application No: 2002/105 Accepted: 20 Jun 2002

Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop,

Germany.

Agent: Treloar Roses Pty Ltd, Portland, VIC.

Characteristics Plant: growth habit narrow bushy, height short to medium, width medium. Young shoot: anthocyanin colouration medium (to strong), hue of anthocyanin colouration reddish brown. Prickles: absent. Leaf: size medium, green colour (light to) medium, glossiness of upper side weak to medium. Leaflet: cross section flat (to slightly concave), undulation of margin weak. Terminal leaflet: length of blade medium (to long) (mean 74.3mm std deviation 7.2), width of blade medium (to broad) (mean 56.8mm std deviation 5.1), shape of base wedge-shaped to obtuse (rounded). Flowering shoot: number of flowers few mostly two. Flower pedicel: number of hairs or prickles medium. Flower bud: shape of longitudinal section broad ovate to ovate. Flower: type double, colour orange, number of petals (medium to) many, diameter large (mean 112.1mm std deviation 4.1), view from above star-shaped, side view of upper part flattened convex, side view of lower part flat, fragrance weak. Sepal: (length mean 47.4mm std deviation 6.1), extensions weak. Petal: size medium (to large), colour of middle zone of inner side orange blend RHS 26C (RHS 26B), colour of marginal zone of inner side red RHS 56A/26C (RHS 55C), spot at base of inner side present, size of spot at base of inner side (medium to) very large, colour of spot at base of inner side RHS 7D (RHS 14B) colour of middle zone of outer side orange RHS 25D (RHS 29B), colour of marginal zone of outer side orange RHS 25D (RHS 55C), spot at base of outer side present, size of spot at base of outer side (medium to) very large, colour of spot at base ofouter side yellow RHS 10C (RHS 10A), reflexing of margin strong, undulation of margin weak. Outer stamen: predominant colour of filament yellow. (Style: predominant colour pale pink. Stigma: height in relation to anther level. Seed vessel: size at petal fall medium. Hip: shape of longitudinal section pitcher-shaped.) Time to beginning of flowering early. Flowering habit: almost continuous flowering. (Values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

**Origin and Breeding** Controlled cross pollination: seed parent 'Kormiller' syn Dream x pollen parent 'Peach Melba'. In spring/summer pollen from 'Peach Melba' was applied to a flower of 'Kormiller'. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions early the following spring and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: via shoot cuttings and has proved stable through many generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group orange, and plant growth type bed rose. Based of these grouping characteristics, the variety 'Kormiller' syn Dream (1996/076) was selected as the closest comparator by the breeder and qualified person. It differed from 'Kordroper' in that the flower when viewed from above is irregularly round, petal number is very many, and margin reflection of outer petals is weak. The parents differed from 'Kordroper' in that the seed parent 'Kormiller' syn Dream had a rich yellow flower colour and the pollen parent 'Peach Melba' had flowers of a different yellow hue. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Kordroper'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Plant Research Institute, Wageningen, The Netherlands, Reference number R00 2723 and confirmed from local examination. The comparative study was conducted at Portland, Victoria. The roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Kordroper' was budded in early summer onto 10-month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in early summer on one year-old plants growing in double rows along with other varieties.

### **Prior Applications and Sales**

| Country           | Year | Current Status | Name Applied |
|-------------------|------|----------------|--------------|
| EU                | 1999 | Granted        | 'Kordroper'  |
| Poland            | 2001 | Granted        | 'Kordroper'  |
| Japan             | 2002 | Applied        | 'Kordroper'  |
| Republic of Korea | 2002 | Granted        | 'Kordroper'  |

First sold in The Netherlands Mar 2000.

## Rose (Rosa hybrid)

Variety: 'Korelzoda'

Synonym: N/A

**Application no:** 2001/294 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 22-Oct-2001 **Accepted:** 20-Nov-2001

Granted: N/A

Description

published in Plant Varieties

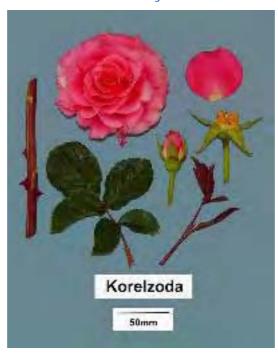
Volume 18, Issue 1

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

**Agent:** Treloar Roses Pty Ltd

**Telephone**: 0355292367 **Fax**: 0355292511



Rosa hybrid

Rose

#### 'Korelzoda'

Application No: 2001/294 Accepted: 20 Nov 2001.

Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop,

Germany.

Agent: Treloar Roses Pty Ltd, Portland, VIC.

Characteristics Plant: growth habit narrow bushy, (height medium, width narrow). Young shoot: anthocyanin colouration medium to strong, hue of anthocyanin colouration bronze to reddish brown. Prickles: present, shape of lower side concave. Short prickles: number absent or very few Long prickles: number (medium) to many. Leaf: size medium to large, green colour medium to dark, glossiness of upper side weak. Leaflet: cross section flat, undulation of margin weak. Terminal leaflet: length of blade long (mean 72.6mm std deviation 5.6), width of blade broad (mean 59.2mm std deviation 6.1), shape of base rounded. Flowering shoot: number of flowers very few mostly single. Flower pedicel: number of hairs or prickles absent. Flower bud: shape of longitudinal section broad-ovate. Flower: type double, number of petals medium (to many), diameter medium to large (mean 105.7mm std deviation 3.3), view from above irregularly rounded, side view of upper part flat, side view of lower part flat (flattened convex), fragrance weak. Sepal: (length mean 33.3mm std deviation 4.6), extensions weak. Petal: size medium to large, colour of middle zone of inner side pale red-purple group near RHS 65A (RHS 55A/57D), colour of marginal zone of inner side pale red-purple RHS 65A (RHS 64D) spot at base of inner side present, size of spot at base of inner side (small to) large, colour of spot at base of inner side yellow near RHS 4C, colour of middle zone of outer side pale red-purple RHS 62B/73B (RHS N57C), colour of marginal zone of outer side red-purple RHS 62B/73B (RHS N57C), spot at base of outer side present, size of spot at base of outer side (small to) large, colour of spot at base of outer side yellow RHS 4C/4D, reflexing of margin weak, undulation of margin medium to strong. Outer stamen: predominant colour of filament yellow. (Style: predominant colour yellow green. Stigma: height in relation to anther below.) Seed vessel: size (at petal fall) medium to large. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering: late to very late. Flowering: habit almost continuous flowering. (Values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled cross pollination: seed parent 'Kormiller' syn Dream X pollen parent 'Korlis' syn Eliza. In spring/summer pollen from 'Korlis' was applied to a flower of 'Kormiller'. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions early the following spring and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: viaa shoot cuttings and has proved stable through many generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group pink, and plant growth type bed rose. Based of these grouping characteristics, the variety 'Korlis' syn Eliza (1996/077) was selected as the closest comparator by the breeder and qualified person. It differed from 'Korelzoda' in having outer flower petals a different shade of pink, sepal extensions medium to strong, petal reflexing of margins medium to strong, and flower pedicel medium density of stiff glandular hairs. The parents differed from 'Korelzoda' in that the seed parent 'Kormiller' syn Dream (1996/076) had a pastel pink flower colour, and the pollen parent 'Korlis' as described

above. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Korelzoda'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Bundessortenamt, Prufstelle, Rethmar, Reference number ROS 1818 and confirmed from local examination. The comparative study conducted at Portland, Victoria. The roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Korelzoda' was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in early summer on one year-old plants growing in double rows along with other varieties.

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

| Country           | Year | Current Status | Name Applied |
|-------------------|------|----------------|--------------|
| Germany           | 1998 | Granted        | 'Korelzoda'  |
| EU                | 1998 | Granted        | 'Korelzoda'  |
| South Africa      | 1999 | Granted        | 'Korelzoda'  |
| Israel            | 1999 | Granted        | 'Korelzoda'  |
| Norway            | 2000 | Granted        | 'Korelzoda'  |
| Colombia          | 2000 | Granted        | 'Korelzoda'  |
| Poland            | 2000 | Granted        | 'Korelzoda'  |
| Japan             | 2000 | Applied        | 'Korelzoda'  |
| Republic of Korea | 2002 | Granted        | 'Korelzoda'  |

First sold in The Netherlands Mar 1999.

## Rose (Rosa hybrid)

Variety: 'Koranul' Synonym: N/A

**Application no:** 2001/295 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 22-Oct-2001 **Accepted:** 20-Nov-2001

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

**Agent:** Treloar Roses Pty Ltd

**Telephone**: 0355292367 **Fax**: 0355292511



Rosa hybrid

Rose

#### 'Koranul'

Application No: 2001/295 Accepted: 20 Nov 2001

Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop,

Germany.

Agent: Treloar Roses Pty Ltd, Portland, VIC.

Characteristics Plant: growth habit narrow bushy. Young shoot: anthocyanin colouration medium (to strong), hue of anthocyanin colouration bronze to reddish brown. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number medium to many. Leaf: size large (to very large), green colour medium to dark, glossiness of upper side weak. Leaflet: cross section slight concave to flat, undulation of margin weak. Terminal leaflet: length of blade long (mean 87.6mm std deviation 8.7), width of blade broad (mean 63.5mm std deviation 5.2), shape of base obtuse (rounded). Flowering shoot: number of flowers very few. Flower pedicel: number of hairs or prickles few (absent). Flower bud: shape of longitudinal section ovate (to broad ovate). Flower: type double, colour yellow, number of petals few to medium, diameter large to very large (mean 109.0mm std deviation 3.7), view from above star-shaped, side view of upper part flat, side view of lower part flat (to flattened convex), fragrance absent or very weak. Sepal: (length mean 51.3mm std deviation 4.4), extensions (medium to) strong. Petal: size medium (to large), colour of middle zone of inner side yellow RHS 8A, colour of marginal zone of inner side yellow RHS 5C (RHS 4D), spot at base of inner side absent, colour of middle zone outer side yellow RHS 8A (RHS 4D), colour of marginal zone of outer side yellow RHS 8B (RHS 4D), spot at base of outer side absent, reflexing of margin medium to strong, undulation of margin medium. Outer stamen: predominant colour of filament yellow. (Style: predominant colour light yellow/green. Stigma: height in relation to anther level.) Seed vessel: size small to medium. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering very early. Flowering habit: almost continuous flowering. (Values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

**Origin and Breeding** Controlled cross pollination: seed parent 'Frisco' syn Korflapei x pollen parent  $F_1$  seedling ('Minigold x 'Golden Medaillon'). In spring/summer pollen from  $F_1$  seedling was applied to a flower of 'Frisco'. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions early the following spring and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: a shoot cuttings and has proved stable through many generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group yellow, and plant growth type bed rose. Based of these grouping characteristics, the variety 'Wekamanda' (1996/280) was selected as the closest comparator by the breeder and qualified person. It differed from 'Koranul' in that the flower viewed from above is irregularly round, petal number is very many, and margin reflexing of outer petals is weak to medium. The parents differed from 'Koranul' in that the seed parent 'Frisco' had a rich yellow flower colour: the pollen parent  $F_1$  seedling ('Minigold x 'Golden Medaillon') had flowers of a different yellow hue. The seed parent was from the breeder's private collection. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Koranul'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Bundessortenamt, Prufstelle, Rethmar, Reference number ROS 1757 and confirmed from local examination. The comparative study was conducted at Portland, Victoria. The roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Koranul' was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in early summer on one year-old plants growing in double rows along with other varieties.

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

| Country         | Year | <b>Current Status</b> | Name Applied |
|-----------------|------|-----------------------|--------------|
| Germany         | 1998 | Surrendered           | 'Koranul'    |
| South Africa    | 1998 | Applied               | 'Koranul'    |
| EU              | 1998 | Surrendered           | 'Koranul'    |
| The Netherlands | 1998 | Surrendered           | 'Koranul'    |

First sold in The Netherlands Sep 1998.

## Rose (Rosa hybrid)

Variety: 'Kortraupfi'

Synonym: N/A

**Application no:** 2001/175 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 13-Jul-2001 **Accepted:** 20-Nov-2001

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

**Agent:** Treloar Roses Pty Ltd

**Telephone**: 0355292367 **Fax**: 0355292511



Rosa hybrid

Rose

### 'Kortraupfi'

Application No: 2001/175 Accepted: 20 Nov 2001.

Applicant: W. Kordes' Sohne Rosenschulen GmbH & Co KG, Offenseth-Sparrieshoop, Germany.

Agent: Treloar Roses Pty Ltd, Portland, VIC.

Characteristics Plant: growth habit narrow bushy, height short to medium, width medium. Young shoot: anthocyanin colouration weak (to medium to strong) hue of anthocyanin colouration reddish brown. Prickles: present, shape of lower side (slightly concave to) flat. Short prickles: number absent or very few. Long prickles: number few. Leaf: size small to medium (to long), green colour medium to dark, glossiness of upper side weak to medium. Leaflet: cross section slightly convex, undulation of margin weak. Terminal leaflet: length of blade medium (to long) (mean 71.6mm std deviation 6.5), width of blade medium (to broad) (mean 52.9mm std deviation 3.1), shape of base rounded. Flowering shoot: number of flowers few. Flower pedicel: number of hairs or prickles many. Flower bud: shape of longitudinal section ovate (to broad-ovate). Flower: type double, colour pink blend, number of petals very many, diameter medium (to large) (mean 103.3mm std deviation 8.7), view from above irregularly rounded, side view of upper part flat, side view of lower part flattened convex, fragrance weak, Sepal: (length mean 41.4mm std deviation 3.4), extensions strong, Petal: (size medium), colour of middle zone of inner side yellow-green to yellow near RHS 150D, colour of marginal zone of inner side red between RHS 52C/54B, spot at base of inner side absent, colour of middle zone of outer side yellow-green near RHS 150D, colour of marginal zone of outer side light red-pink near RHS 49D, reflexing of margin weak, undulation of margin strong. Outer stamen: predominant colour of filament yellow. (Style: predominant colour light yellow/green. Stigma: height in relation to anther just above. Seed vessel: size at petal fall medium. Hip: shape of longitudinal section funnel-shaped. Flowering: habit almost continuous flowering.) (values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

**Origin and Breeding** Controlled cross pollination: seed parent 'Kormiller' syn Dream x pollen parent 'Peach Melba'. In spring/summer pollen from 'Peach Melba' was applied to a flower of 'Kormiller' syn Dream. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions early in the following spring and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: via shoot cuttings and has proved stable through many generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group pink blend (petal pale yellow-green/margin light pink), and plant growth type bed rose. Based on these grouping characteristics, the variety 'Peace' was selected as the closest comparator by the breeder and qualified person. It differs from 'Kortraupfi' in having flowers a stronger shade of yellow, pink tinge on petal margins with a lesser purple component, and flower fragrance strong. The seed parent 'Kormiller' syn Dream had pink petals with an apricot tinge. The pollen parent 'Peach Melba' had orange-red to red petals. No other variety of common knowledge was identified by the qualified person to have characteristics identical to 'Kortraupfi'.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Plant Research Institute, Wageningen, The Netherlands, Reference number R00 2724 and confirmed from local examination. The comparative study was conducted at Portland, Victoria. The roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Kortraupfi' was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in early summer on one year-old plants growing in double rows along with other varieties.

## **Prior Applications and Sales**

| Country           | Year | <b>Current Status</b> | Name Applied |
|-------------------|------|-----------------------|--------------|
| EU                | 1999 | Granted               | 'Kortraupfi' |
| Colombia          | 2002 | Applied               | 'Kortraupfi' |
| Japan             | 2001 | Applied               | 'Kortraupfi' |
| Republic of Korea | 2002 | Granted               | 'Kortraupfi' |
| Poland            | 2001 | Granted               | 'Kortraupfi' |
| South Africa      | 2000 | Granted               | 'Kortraupfi' |

First sold in The Netherlands in Dec 1999.

## Strand Medic (Medicago littoralis)

Variety: 'Jaguar' Synonym: N/A

**Application no:** 2004/168 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 26-May-2004 **Accepted:** 02-Jul-2004

Granted: N/A

Description

published in Plant Varieties

Volume 18, Issue 1

Journal:

Title Holder: Wilandra Pty Ltd

Agent: N/A

**Telephone**: 0881770558 **Fax**: 0881770558



Medicago littoralis

Strand Medic

### 'Jaguar'

Application No: 2004/168 Accepted: 2 Jul 2004. Applicant: **Wilandra Pty Ltd,** Daw Park, SA.

Characteristics Plant: type annual, habit prostrate, width medium. Stem: colour green, cross-section solid, shape of cross section round tending to square, surface pubescent. Internode: length medium. Petioles: length medium, colour green, surface pubescent. Stipule: size medium, colour green, margin deeply toothed. Leaf: type trifoliate, length of central pedicel long, length of side pedicels very short (almost sessile). Leaflet: shape obovate to cuneate, margin serrate, surface pubescent on both upper and lower sides. Leaflet flecking: present, density sparse, distribution on both sides, colour burgundy. Leaflet marking: present, prominence strong, type central blotch, shape ovate, colour burgundy to brown, fading in spring. Flower: length of pedicel medium to long, number of florets 2-5. Florets: size small, pea-type. Petals: colour canary yellow, length of standard ~ 5mm. Pod: number of coils 3 or 4, moderately to tightly adpressed, length ~ 4mm, usually slightly wider than long, colour light or dark brown at maturity. Pod spines: present, length short, adpressed to pod surface (spininess rating 4-6). Seed: number per pod 4 to 6, shape curved, somewhat flattened, length ~ 3mm, weight approximately 400/gm. Seed colour: creamy-yellow to khaki.

Origin and Breeding Induced mutation: 'Jaguar' was developed through mutation breeding from the strand medic variety 'Herald'. After treatment with gamma radiation, M2 plants with a range of differing pod and leaf holding capacities were selected. These selections were progeny tested and assessed at the M3 and M4 generations for heritability and strength of the pod and leaf holding characteristic, and for similarity to 'Herald' in other characteristics. 'Jaguar' was selected from the M2 selection code-named MM 126, which showed very high heritability of good pod and leaf holding in all of its progeny, plus a close similarity to Herald in other characteristics. Selection criteria: seed and herbage yield parameters. Propagation: seed. Breeder: Andrew W. H. Lake, Daw Park, SA.

Choice of Comparators 'Herald' was chosen as the comparator to 'Jaguar'. As 'Jaguar' is derived from 'Herald', and similar to it in all other major characteristics except for pod and leaf holding, (which has not been observed in any other annual medic) and as 'Herald' is significantly different to all other strand medics, it was deemed as the most similar variety of common knowledge.

Comparative Trial Location: Currency Creek, or about 75km SSE of Adelaide, South Australia, between Jul 2004 and Feb 2005. Conditions: trial conducted in the field. The soil was a moderately fertile, free draining sandy loam of approximately pH 6. Lime was added to the soil prior to planting, but this did not have a major impact on soil pH. A mixed fertiliser (mainly P and trace elements) was used at plant out. Dacthal herbicide was applied two weeks post plant out. The trial was sprayed for lucerne flea and loopers in late August. Plots were also hand weeded as required. Trial design: a randomised complete block with 4 replicates, each of 10 plants. Plants were seeded and raised in Jiffy 7 pellets in a shadehouse in early Jul 2004, and then transplanted into the field at approximately 5 weeks of age. Each replicate was comprised of 10 plants in 3 rows, with 20 cm between plants and 50 cm between rows. Measurements: from individual plants or from whole rows as indicated.

#### **Prior Applications and Sales Nil.**

Description: Andrew W.H. Lake, Pristine Forage Technologies, Daw Park, SA.

## Table Medicago varieties

|                     | 'Jaguar'                                   | *'Herald'         |
|---------------------|--|-------------------|
| AVERAGE DAYS        | TO FIRST FLOWERING                         |                   |
| - mean days after g | ermination on the 1 <sup>st</sup> of July. |                   |
| mean                | 88.6                                       | 89.3              |
| std deviation       | 0.443                                      | 0.775             |
| LSD/sig             | 1.39                                       | ns                |
| MATURE POD RE       | ETENTION ON VINE                           |                   |
|                     | medium-strong                              | very weak         |
| MATURE LEAF R       | ETENTION ON VINE                           |                   |
|                     | strong                                     | very weak         |
| WEIGHT OF 200 I     | PODS                                       |                   |
| - 200 random pods   | per rep harvested. Weight in gram          | as.               |
| mean                | 7.85                                       | 8.03              |
| std deviation       | 0.51                                       | 1.11              |
| LSD/sig             | 1.50                                       | ns                |
| NUMBER OF SEE       | D PER POD                                  |                   |
| - average number o  | f seed/pod from ten pods/rep               |                   |
| mean                | 5.01                                       | 4.33              |
| std deviation       | 0.38                                       | 0.46              |
| LSD/sig             | 0.85                                       | ns                |
| LEAF BLOTCH P       | RESENCE/PROMINENCE IN SE                   | PTEMBER           |
|                     | present/prominent                          | present/prominent |

## Balansa Clover (Trifolium michelianum)

Variety: 'Viper' Synonym: N/A

**Application no:** 2004/166 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 26-May-2004 **Accepted:** 02-Jul-2004

Granted: N/A

Description

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Title Holder: Wilandra Pty Ltd

Agent: N/A

**Telephone**: 0881770558 **Fax**: 0881770558



Trifolium michelianum

Balansa Clover

### 'Viper'

Application No: 2004/166 Accepted: 2 Jul 2004. Applicant: **Wilandra Pty Ltd,** Daw Park, SA.

Characteristics Plant: type annual, habit semi-prostrate, height medium. Stem: hollow, colour green, anthocyanin colouration prominent deep red on some, internode length medium to long, surface glabrous, hairs rare simple. Petioles: length medium to long, colour green, surface glabrous. Leaf: shape trifoliate, length of pedicels equal, shape of leaflet obovate to cuneate. Leaflet: margin serrulate or entire, surface glabrous, veins on lower surface prominent, flecking rare or absent on most but prominent burgundy flecking on the upper surface on leaflets of ~40% of plants occasionally penetrating to lower surface, markings: most plants with a crescent central mark and arms extending to the leaf margin occasionally absent, marking colours many including white pale green pink red burgundy occurring in various combinations in both the crescent and arms. Inflorescence: ovate raceme, length to 15mm, compact, number of florets many (usually > 40) opening from the proximal end of the raceme, reflexing reflexed after flowering. Flowering time: mid to late season. Flower: colour white becoming pink later, type long pea, length of standard approximately 4mm. Seed: number typically 2 or 3, borne in a small pea pod shaped pod, length of pod 2 to 3mm, approximately 1000/gm, colour of seed mostly light to dark brown with some bright yellow or occasional violet but rarely green.

**Origin and Breeding** Recurrent selection: 'Viper' was bred through a process of recurrent and pedigree selection originally based on approximately 80 half sib progenies of field selected plants from the variety 'Bolta'. This process involved cycles of controlled hand crossing and selection in the greenhouse, interspersed with natural outcrossing and selection between full sib progenies in the field. Selection criteria: the original half sib selections and both progenies and individual plants were selected for various characteristics including seed set, seed and head retention at maturity, plant vigour, plant morphology and flowering time. Propagation: seed. Breeder: Andrew W. H. Lake, Daw Park, SA.

Choice of Comparators The parent of 'Viper' ('Bolta') was chosen for the comparative trial. However, the trial was combined with a comparative trial for a mid-season flowering variety (ie earlier flowering than 'Viper') bred in parallel with 'Viper'; the variety 'Taipan'. Hence other comparators included in the trial for 'Taipan' were by default included as comparators to 'Viper'; these being the varieties 'Paradana' and 'Frontier'.

Comparative Trial Location: Currency Creek, or about 75km SSE of Adelaide, South Australia, between Jul 2004 and Feb 2005. Conditions: trial conducted in the field. The soil was a moderately fertile, free draining sandy loam of approximately pH 6. The trial was irrigated on several occasions as required in late spring 2005. A mixed fertiliser (mainly P and trace elements) was used at plant out. Dacthal herbicide was applied two weeks post plant out. The trial was sprayed for lucerne flea and loopers in late Aug. Plots were also hand weeded as required. Trial design: a randomised complete block with 4 replicates, each of 20 plants. Plants were seeded and raised in Jiffy 7 pellets in a shadehouse in early Jul 2004, and then transplanted into the field at approximately 5 weeks of age. Each replicate was comprised of 20 plants in 4 rows, with 20 cm between plants and 50 cm between rows. Measurements: from random plants or from whole rows as indicated.

#### **Prior Applications and Sales Nil.**

Description: Andrew W.H. Lake, Pristine Forage Technologies, Daw Park, SA.

# Table *Trifolium* varieties

|                       | 'Viper'                       | *'Taipan'           | *'Bolta'          | *'Paradana'          | *'Frontier'                 |
|-----------------------|-------------------------------|---------------------|-------------------|----------------------|-----------------------------|
| AVERAGE DA            | AYS TO FIRST                  | FLOWERING – f       | rom date of germi | nation on July 1 20  | 004                         |
| mean                  | 114.8                         | 103.1               | 112.2             | 104.6                | 97.6                        |
| std deviation         | 1.19                          | 0.52                | 1.48              | 1.17                 | 0.91                        |
| LSD/sig               | 1.88                          | P≤0.01              | P≤0.01            | P≤0.01               | P≤0.01                      |
|                       | PLANTS/REP V                  |                     | NT LEAF FLECE     | KING – 20 plants/1   | rep assessed in Septembe    |
| mean                  | 2.22 (8.25)                   | 1.33 (2.88)         | 1.40 (3.25)       | 1.42 (3.25)          | 0.62 (1.00)                 |
| std deviation         | 0.09                          | 0.22                | 0.35              | 0.29                 | 0.45                        |
| LSD/sig               | 0.49                          | P≤0.01              | P≤0.01            | P≤0.01               | P≤0.01                      |
| _                     |                               | (ln +1) data to all | low for low numb  | ers of plants in Fro | ontier. Actual numbers/re   |
|                       | OF 40 RANDO<br>y December 200 |                     | ED HEADS – 40     | random seed head     | ls collected per rep; at fu |
| mean                  | 4.78                          | 5.13                | 3.63              | 4.03                 | 4.58                        |
| std deviation         | 0.27                          | 0.39                | 0.19              | 0.33                 | 0.66                        |
| LSD/sig               | 0.68                          | ns                  | P≤0.01            | P≤0.01               | ns                          |
|                       | T (gm) FROM ed and seed weig  |                     | ED HEADS – 40     | random seed head     | ls collected per rep; head  |
| mean                  | 1.94                          | 1.98                | 1.03              | 1.33                 | 1.78                        |
| std deviation         | 0.07                          | 0.18                | 0.15              | 0.17                 | 0.25                        |
| LSD/sig               | 0.29                          | ns                  | P≤0.01            | P≤0.01               | ns                          |
|                       | T TO HEAD W                   |                     | %) – 40 random    | seed heads collecte  | ed per rep; heads weighed   |
| mean                  | 40.6                          | 38.5                | 28.2              | 32.8                 | 38.8                        |
| std deviation         | 1.76                          | 0.83                | 3.34              | 2.06                 | 1.87                        |
| LSD/sig               | 3.50                          | ns                  | P≤0.01            | P≤0.01               | ns                          |
|                       |                               | H PLAIN LEAF (      |                   | Γ LEAF MARK –        | 20 plants/rep assessed i    |
| mean                  | 7.13                          | 5.50                | 6.25              | 9.00                 | 4.75                        |
|                       | 2.10                          | 1.69                | 1.89              | 1.41                 | 2.63                        |
| std deviation         |                               |                     |                   | ns                   |                             |
|                       | 3.54                          | ns                  | ns                | 115                  | ns                          |
| LSD/sig<br>PRESENCE O | F PLANTS WI                   | ГН LEAFLETS Н       | HAVING CRENA      |                      | E LEAF all plants in tri    |
|                       | F PLANTS WI                   |                     | HAVING CRENA      |                      | <del> </del>                |

<sup>&</sup>lt;sup>a</sup> All observed 'Viper' plants had serrulate to entire leaf margins

## Balansa Clover (Trifolium michelianum)

Variety: 'Taipan' Synonym: N/A

**Application no:** 2004/167 **Current status:** ACCEPTED

Certificate no: N/A

**Received:** 26-May-2004 **Accepted:** 02-Jul-2004

Granted: N/A

Description

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Agent: N/A

**Telephone**: 0881770558 **Fax**: 0881770558



Trifolium michelianum

Balansa Clover

### 'Taipan'

Application No: 2004/167 Accepted: 2 Jul 2004. Applicant: **Wilandra Pty Ltd,** Daw Park, SA.

Characteristics Plant: type annual, habit semi-prostrate, height medium. Stem: hollow, colour green, anthocyanin colouration prominent deep red on some, internode length medium to long, surface glabrous, hairs rare simple. Petioles; length medium to long, colour green, surface glabrous. Leaf: type trifoliate, length of pedicels equal, shape of leaflet obovate to cuneate. Leaflet: margin serrulate or entire rarely crenate to dentate at summit, surface glabrous, veins on lower surface prominent, flecking very rare to absent on most leaflets but prominent burgundy flecking on the upper surface on leaflets of a few (<20%) plants occasionally penetrating to lower surface, markings: most plants with a crescent central mark and arms extending to the leaf margin but occasionally absent, marking colours many including white pale green pink red burgundy occurring in various combinations in both the crescent and arms. Inflorescence: ovate raceme, length to 15mm, compact, number of florets many (usually > 40) opening from the proximal end of the raceme, reflexing reflexed after flowering. Flowering time; mid season. Flower: colour white becoming pink later, type long pea, length of standard approximately 4mm. Seed: number typically 2 or 3, borne in a small pea pod shaped pod, length of pod 2 to 3mm, approximately 1000/gm, colour mostly light to dark brown with some bright yellow or occasional violet but rarely green.

**Origin and Breeding** Pedigree selection: 'Taipan' was bred through a complex process of pedigree selection, with cycles of controlled hand crossing involving selected clones of the varieties 'Viper', 'Paradana' and 'Frontier' interspersed with natural outcrossing between selected progenies in the field. Selection criteria: both progenies and individual plants were selected for various characteristics including seed set, seed and head retention at maturity, plant vigour, plant morphology and flowering time. The final variety traces to approximately 30 original selected clones, and its germplasm base is approximately 40% each of 'Paradana' and 'Frontier' and 20% of 'Viper'. Propagation: seed. Breeder: Andrew W. H. Lake, Daw Park, SA.

Choice of Comparators The parents of 'Taipan' ('Viper' 'Paradana' and 'Frontier') were chosen for the comparative trial. As there is only one other known variety of balansa clover 'Bolta', and as this a parent of 'Viper', that was also included in the comparative trial. This comparative trial was therefore also used for the registration of 'Viper'. There are no other balansa clovers of common knowledge that are similar to 'Taipan'.

Comparative Trial Location: Currency Creek, or about 75km SSE of Adelaide, South Australia, between Jul 2004 and Feb 2005. Conditions: trial conducted in the field. The soil was a moderately fertile, free draining sandy loam of approximately pH 6. The trial was irrigated on several occasions as required in late spring 2005. A mixed fertiliser (mainly P and trace elements) was used at plant out. Dacthal herbicide was applied two weeks post plant out. The trial was sprayed for lucerne flea and loopers in late Aug. Plots were also hand weeded as required. Trial design: a randomised complete block with 4 replicates, each of 20 plants. Plants were seeded and raised in Jiffy 7 pellets in a shadehouse in early Jul 2004, and then transplanted into the field at approximately 5 weeks of age. Each replicate was comprised of 20 plants in 4 rows, with 20 cm between plants and 50 cm between rows. Measurements: from random plants or from whole rows as indicated.

#### **Prior Applications and Sales Nil.**

Description: Andrew W.H. Lake, Pristine Forage Technologies, Daw Park, SA.

# Table Trifolium varieties

|   | 'Taipan'   | *'Viper'  | *'Bolta'   | *'Paradana'  | *'Frontier'   |
|---|--|---|--|--|---|
| AVERAGE DAY   | YS TO FIRST FL   | OWERING – fror  | n date of germinat   | ion on Jul 1 2004  |   |
| mean  | 103.1  | 114.8   | 112.2  | 104.6  | 97.6  |
| std deviation   | 0.52   | 1.19  | 1.48   | 1.17   | 0.91  |
| LSD/sig   | 1.88   | P≤0.01  | P≤0.01   | ns   | P≤0.01  |
|   |  |   |  |  | E LEAF MARGINS  |
| 20 plants/rep ass   | essed in Septemb   |   |  | entire leaflet margi   | ns  |
| mean  | 1.5  | $0.0^{a}$   | 2.0  | 5.0  | 1.0   |
| std deviation   | 0.76   | -   | 1.15   | 0.82   | 0.00  |
| LSD/sig   | 1.50   |   | ns   | P≤0.01   | ns  |
| 'All 'Viper' plan   | ts had serrulate to  | o entire leaf margin  | ns. Hence 'Viper'  | data not included i  | n analysis.   |
|   |  |   | LEAF FLECKIN   | G – 20 plants/rep  | assessed in Septemb   |
| other plants all h  | ave zero or weak   |   |  |  |   |
| mean  | 1.33 (2.88)  | 2.22 (8.25)   | 1.40 (3.25)  | 1.42 (3.25)  | 0.62 (1.00)   |
| std deviation   | 0.22   | 0.09  | 0.35   | 0.29   | 0.45  |
| LSD/sig   | 0.49   | P≤0.01  | ns   | ns   | P≤0.01  |
| in brackets)  |  |   |  |  | er. Actual numbers/i  |
| maturity in early   |  | I MATURE SEEL   | HEADS – 40 rai   | idom seed neads c  | ollected per rep; at f  |
| mean  | 5.13   | 4.78  | 3.63   | 4.03   | 4.58  |
| std deviation   | 0.39   | 0.27  | 0.19   | 0.33   | 0.66  |
|   |  |   |  |  |   |
| LSD/sig   | 0.68   | ns  | P≤0.01   | P≤0.01   | ns  |
|   |  |   | LIEADC 40  | 1 11 1   |   |
|   |  |   | HEADS – 40 rar   | ndom seed heads c  | ollected per rep; hea   |
| threshed, cleaned   | and seed weigh   | ed  |  |  |   |
| threshed, cleaned<br>mean   | and seed weight<br>1.98  | ed<br>1.94  | 1.03   | 1.33   | 1.78  |
| threshed, cleaned<br>mean<br>std deviation  | l and seed weight<br>1.98<br>0.18  | ed  | 1.03<br>0.15   | 1.33<br>0.17   |   |
| threshed, cleaned<br>mean<br>std deviation  | and seed weight<br>1.98  | ed<br>1.94  | 1.03   | 1.33   | 1.78  |
| threshed, cleaned<br>mean<br>std deviation<br>LSD/sig<br>SEED WEIGHT  | 1 and seed weight<br>1.98<br>0.18<br>0.29<br>TO HEAD WEI   | ed<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)   | 1.03<br>0.15<br>P≤0.01   | 1.33<br>0.17<br>P≤0.01   | 1.78<br>0.25  |
| threshed, cleaned<br>mean<br>std deviation<br>LSD/sig<br>SEED WEIGHT  | 1 and seed weight<br>1.98<br>0.18<br>0.29<br>TO HEAD WEI   | ed<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)   | 1.03<br>0.15<br>P≤0.01   | 1.33<br>0.17<br>P≤0.01<br>d heads collected p  | 1.78<br>0.25<br>ns<br>er rep; heads weight                                |
| threshed, cleaned<br>mean<br>std deviation<br>LSD/sig<br>SEED WEIGHT<br>threshed, cleaned<br>mean                                       | 1 and seed weight<br>1.98<br>0.18<br>0.29<br>TO HEAD WEI<br>1 and seed weight<br>38.5                        | ed<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)<br>ed<br>40.6                               | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2   | 1.33<br>0.17<br>P≤0.01<br>1 heads collected p<br>32.8  | 1.78<br>0.25<br>ns<br>per rep; heads weight                               |
| threshed, cleaned<br>mean<br>std deviation<br>LSD/sig<br>SEED WEIGHT<br>threshed, cleaned<br>mean<br>std deviation                      | 1 and seed weight<br>1.98<br>0.18<br>0.29<br>TO HEAD WEI<br>1 and seed weight<br>38.5<br>0.83                | ed<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)   | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2<br>3.34   | 1.33<br>0.17<br>P≤0.01<br>d heads collected p<br>32.8<br>2.06                                    | 1.78<br>0.25<br>ns<br>er rep; heads weight                                |
| threshed, cleaned<br>mean<br>std deviation<br>LSD/sig<br>SEED WEIGHT<br>threshed, cleaned<br>mean<br>std deviation                      | 1 and seed weight<br>1.98<br>0.18<br>0.29<br>TO HEAD WEI<br>1 and seed weight<br>38.5                        | ed<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)<br>ed<br>40.6                               | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2   | 1.33<br>0.17<br>P≤0.01<br>1 heads collected p<br>32.8  | 1.78<br>0.25<br>ns<br>per rep; heads weight                               |
| threshed, cleaned mean std deviation LSD/sig  SEED WEIGHT threshed, cleaned mean std deviation LSD/sig                                  | TO HEAD WEI<br>and seed weight<br>0.18<br>0.29<br>TO HEAD WEI<br>and seed weight<br>38.5<br>0.83<br>3.50     | 2d<br>1.94<br>0.07<br>ns<br>GHT RATIO (%)<br>2d<br>40.6<br>1.76<br>ns                 | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2<br>3.34<br>P≤0.01                               | 1.33<br>0.17<br>P≤0.01<br>d heads collected p<br>32.8<br>2.06<br>P≤0.01                          | 1.78<br>0.25<br>ns<br>eer rep; heads weight<br>38.8<br>1.87               |
| threshed, cleaned mean std deviation LSD/sig SEED WEIGHT threshed, cleaned mean std deviation LSD/sig NUMBER OF P September; other      | TO HEAD WEI<br>and seed weight<br>0.29  TO HEAD WEI<br>and seed weight<br>38.5<br>0.83<br>3.50  LANTS WITH I | ed 1.94 0.07 ns  GHT RATIO (%) ed 40.6 1.76 ns  PLAIN LEAF OR rominent leaf mark      | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2<br>3.34<br>P≤0.01<br>VERY FAINT L               | 1.33<br>0.17<br>P≤0.01<br>d heads collected p<br>32.8<br>2.06<br>P≤0.01<br>EAF MARK – 20         | 1.78 0.25 ns  per rep; heads weight 38.8 1.87 ns  plants/rep assessed     |
| threshed, cleaned mean std deviation LSD/sig SEED WEIGHT threshed, cleaned mean std deviation LSD/sig NUMBER OF P September; other mean | TO HEAD WEI and seed weight 1.98 0.18 0.29  TO HEAD WEI and seed weight 38.5 0.83 3.50  LANTS WITH I         | 2d 1.94 0.07 ns  GHT RATIO (%) 2d 40.6 1.76 ns  PLAIN LEAF OR rominent leaf mark 7.13 | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2<br>3.34<br>P≤0.01<br>VERY FAINT Lowers.<br>6.25 | 1.33<br>0.17<br>P≤0.01<br>d heads collected p<br>32.8<br>2.06<br>P≤0.01<br>EAF MARK – 20<br>9.00 | 1.78 0.25 ns  Per rep; heads weigh 38.8 1.87 ns  plants/rep assessed 4.75 |
| threshed, cleaned mean std deviation LSD/sig SEED WEIGHT threshed, cleaned mean std deviation LSD/sig NUMBER OF P                       | TO HEAD WEI<br>and seed weight<br>0.29  TO HEAD WEI<br>and seed weight<br>38.5<br>0.83<br>3.50  LANTS WITH I | ed 1.94 0.07 ns  GHT RATIO (%) ed 40.6 1.76 ns  PLAIN LEAF OR rominent leaf mark      | 1.03<br>0.15<br>P≤0.01<br>- 40 random seed<br>28.2<br>3.34<br>P≤0.01<br>VERY FAINT L               | 1.33<br>0.17<br>P≤0.01<br>d heads collected p<br>32.8<br>2.06<br>P≤0.01<br>EAF MARK – 20         | 1.78 0.25 ns  per rep; heads weight 38.8 1.87 ns  plants/rep assessed     |

### **Grants**

Click on the column headings to re-sort the matches in alphanumeric order by that particular column.

| Common (Genus<br>Species)   | Variety          | Title Holder   |
|---|------------------|--|
| Angelonia (Angelonia angustifolia)  | Balangbeke       | Ball Horticultural Company   |
| Angelonia (Angelonia hybrid)  | Balangimpu       | Ball Horticultural Company   |
| Angelonia (Angelonia hybrid)  | Balanglapi       | Ball Horticultural Company   |
| Angelonia (Angelonia hybrid)  | Balangdepi       | Ball Horticultural Company   |
| Angelonia (Angelonia hybrid)  | Balangimla       | Ball Horticultural Company   |
| Apple (Malus domestica)   | NEVSON           | Nevis Fruit Company Limited  |
| Apple rootstock (Malus prunifolia var ringo x Malus pumila var paradisiaca) | JM7              | Incorporated Administrative Agency<br>National Agriculture and Bio-<br>oriented Research Organization  |
| Avocado (Persea americana)  | Simmo 1          | Ronald Arthur Simpson and Fay<br>Leone Simpson   |
| Biserrula (Biserrula pelecinus)   | Mauro            | State of Western Australia through its Department of Agriculture, Grains Research and Development Corporation, Murdoch University and Australian Wool Innovation Limited |
| Bower Wattle (Acacia cognata)   | River Cascade    | Ashley Harding & Daryl Griffin   |
| Broadleaf Carpetgrass (Axonopus compressus)                                 | Whitsunday White | Anthony Richard Henebery   |
| Buffalo Grass<br>(Stenotaphrum<br>secundatum)                               | Sir James        | Sod Turf Pty Ltd   |
| Busy Lizzie (Impatiens walleriana)  | Balfieplos       | Ball Horticultural Company   |
| Busy Lizzie (Impatiens walleriana)  | Balolesal        | Ball FloraPlant - A Division of Ball<br>Horticultural Company  |

| Busy Lizzie (Impatiens walleriana)         | Balolestop  | Ball FloraPlant - A Division of Ball<br>Horticultural Company |
|--|-------------|---|
| Busy Lizzie (Impatiens walleriana)         | Balolefro   | Ball FloraPlant - A Division of Ball<br>Horticultural Company |
| Busy Lizzie (Impatiens walleriana)         | Balfieblus  | Ball Horticultural Company                                    |
| Busy Lizzie (Impatiens<br>walleriana)      | Balfiespray | Ball Horticultural Company                                    |
| Busy Lizzie (Impatiens walleriana)         | Balolecher  | Ball FloraPlant - A Division of Ball<br>Horticultural Company |
| Calibrachoa <i>(Calibrachoa hybrid)</i>    | KLEC01057   | Nils Klemm  |
| Calibrachoa <i>(Calibrachoa hybrid)</i>    | KLEC01056   | Nils Klemm  |
| Calibrachoa <i>(Calibrachoa</i><br>hybrid) | Sunbel-apu  | Suntory Flowers Limited                                       |
| Camellia <i>(Camellia</i><br>sasanqua)     | Parann      | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARBLYNDA   | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARSUSAN    | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARODETTE   | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARLOUISE   | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARLEONIE   | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARJILL     | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARJENNIFER | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARGILLIAN  | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARDIANA    | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARSANDRA   | RJ Cherry   |
| Camellia <i>(Camellia</i><br>sasanqua)     | PARBEV      | RJ Cherry   |

| Camellia (Camellia sasangua)                | PARBJANE            | RJ Cherry   |
|---|---------------------|---|
| Camellia (Camellia sasangua)                | Parillumination     | RJ Cherry   |
| Camellia (Camellia sasanqua)                | PARCAROLINE         | RJ Cherry   |
| Camellia (Camellia<br>sasanqua)             | PARSYLVIA           | RJ Cherry   |
| Camellia <i>(Camellia</i> sasanqua)         | PARDONNA            | RJ Cherry   |
| Canola (Brassica napus)                     | ATR-Stubby          | Ag-Seed Research Pty Ltd  |
| Canola (Brassica napus)                     | AG-Spectrum         | Ag-Seed Research Pty Ltd  |
| Canola (Brassica napus)                     | AV-Sapphire         | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Ruby Red Reagan     | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | White Reagan Mundo  | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Sunny Elite Reagan  | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Pink Elite Reagan   | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Tripdee Reagan      | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Vybowl              | Vyking Flowers B.V.   |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Pink Reagan Mundo   | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | Yellow Reagan Mundo | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |
| Chrysanthemum<br>(Chrysanthemum<br>indicum) | White Elite Reagan  | Chrysanthemum Breeders<br>Association N.V. (C.B.A.N.V.)                               |

| NuEMERALD RR  | Deltapine Australia Pty Ltd  |
|---------------|--|
| DeltaOPAL RR  | Deltapine Australia Pty Ltd  |
| NuEMERALD     | Deltapine Australia Pty Ltd  |
| NuSAPPHIRE    | Deltapine Australia Pty Ltd  |
| NuOPAL RR     | Deltapine Australia Pty Ltd  |
| JT1           | Jimboomba Turf Company Pty Ltd   |
| TL1           | Tropical Lawns Pty Ltd   |
| Glory         | Heather & Mike Philpott  |
| Sweet Heart   | Peter James Ollerenshaw  |
| Sturt         | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation  |
| Moonlight     | Agriculture Victoria Services Pty<br>Ltd, Grains Research and<br>Development Corporation and<br>Department of Primary Industries<br>for and on behalf of the State of<br>New South Wales |
| LadyO         | Peter James Ollerenshaw  |
| Lowaters Blue | Lowater Limited trading as Lowaters<br>Nursery   |
| MS-Supreme    | Mississippi Agricultural & Forestry Experiment Station   |
| TL2           | Tropical Lawns Pty Ltd   |
|               |  |
|               | DeltaOPAL RR  NuEMERALD  NuSAPPHIRE  NuOPAL RR  JT1  TL1  Glory  Sweet Heart  Sturt  Moonlight  LadyO  Lowaters Blue  MS-Supreme   |

| Ivy Pelargonium (Pelargonium peltatum)                          | Balcoldepi           | Ball Horticultural Company   |
|---|----------------------|--|
| Ivy Pelargonium (Pelargonium peltatum)                          | Kleropink            | Nils Klemm   |
| Ivy Pelargonium (Pelargonium peltatum)                          | Balcolwhit           | Ball Horticultural Company   |
| Japanese Plum (Prunus salicina)                                 | SAPPHIRE             | Agricultural Research Council  |
| Japanese Plum (Prunus salicina)                                 | AWASO                | Agricultural Research Council  |
| Japanese Plum (Prunus salicina)                                 | SOUVENIR II          | Agricultural Research Council  |
| Lechenaultia<br>(Lechenaultia biloba x<br>Lechenaultia formosa) | Rhapsody             | George Lullfitz  |
| Lechenaultia (Lechenaultia formosa)                             | Tropicana            | George Lullfitz  |
| Lechenaultia<br>(Lechenaultia hybrid)                           | Violet Rainbow       | George Lullfitz  |
| Lechenaultia<br>(Lechenaultia hybrid)                           | Electric Blue        | George Lullfitz  |
| Lily (Lilium hybrid)  | Zantrijus            | Van Zanten Flowerbulbs B.V.  |
| Lucerne (Medicago sativa)                                       | SARDI Seven          | Minister for Agriculture, Food and Fisheries   |
| Nemesia (Nemesia hybrid)  | Balarropi            | Ball FloraPlant - A Division of Ball<br>Horticultural Company  |
| New Guinea Impatiens (Impatiens hawkeri)                        | Balceltrop           | Ball Horticultural Company   |
| New Guinea Impatiens (Impatiens hawkeri)                        | Balcelpink           | Ball Horticultural Company   |
| Orange Jasmine<br>(Murraya paniculata)                          | Mini Mike            | Michael B. Gleeson   |
| Ornamental Ginger<br>(Zingiber spectabile)                      | Darzing Golden Glory | Northern Territory of Australia represented by the Department of Business, Industry and Resource Development |
| Ornamental Ginger<br>(Zingiber spectabile)                      | Darzing Sunset       | Northern Territory of Australia represented by the Department of Business, Industry and Resource Development |

| Ornamental Ginger (Zingiber spectabile)                          | Darzing Pinelime | Northern Territory of Australia represented by the Department of Business, Industry and Resource Development |
|--|------------------|--|
| Pelargonium (Pelargonium xhortorum)                              | Sil Onno         | Silze GmbH & Company   |
| Pelargonium<br>(Pelargonium xhortorum<br>x Pelargonium peltatum) | Balgalbrio       | Ball Horticultural Company   |
| Pelargonium<br>(Pelargonium xhortorum<br>x Pelargonium peltatum) | Balgalfroe       | Ball Horticultural Company   |
| Pelargonium<br>(Pelargonium xhortorum<br>x Pelargonium peltatum) | Balgalsusi       | Ball Horticultural Company   |
| Pelargonium<br>(Pelargonium peltatum x<br>Pelargonium xhortorum) | Balgalsofi       | Ball FloraPlant - A Division of Ball<br>Horticultural Company  |
| Pelargonium (Pelargonium xhortorum)                              | Baldesgrapi      | Silze GmbH & Company   |
| Pelargonium (Pelargonium xhortorum)                              | Balshofron       | Ball Horticultural Company   |
| Peruvian Lily<br>(Alstroemeria hybrid)                           | Stapricamil      | Van Zanten Plants B.V.   |
| Peruvian Lily<br>(Alstroemeria hybrid)                           | Staprisara       | Van Zanten Plants B.V.   |
| Peruvian Lily<br>(Alstroemeria hybrid)                           | Zanvedere        | Van Zanten Plants B.V.   |
| Peruvian Lily<br>(Alstroemeria hybrid)                           | Staqueen         | Van Zanten Plants B.V.   |
| Peruvian Lily<br>(Alstroemeria hybrid)                           | Staprirange      | Van Zanten Plants B.V.   |
| Rose (Rosa hybrid)   | Welstein         | Eric Welsh Roses   |
| Rose (Rosa hybrid)   | Howard Florey    | George Thomson   |
| Rose (Rosa hybrid)   | Onkaparinga      | George Thomson   |
| Rose (Rosa hybrid)   | Tan99065         | Rosen Tantau, Mathias Tantau<br>Nachfolger   |
| Rose (Rosa hybrid)   | Tan98399         | Rosen Tantau, Mathias Tantau<br>Nachfolger   |
| Rose (Rosa hybrid)   | Lexmei           | Lex Voorn  |
| Rose (Rosa hybrid)   | Frantasia        | Mr Frank Cowlishaw   |

| Lexplut   Intertrodan | Lex Voorn Interplant B.V.  |
|-----------------------|--|
| Intertrodan           | Interplant B.V.  |
|                       | '  |
| Intertrojaan          | Interplant B.V.  |
| Interzatcre           | Interplant B.V.  |
| Selantel              | TERRA NIGRA Holding B.V.   |
| Grandlemlit           | Mr H Schreuders  |
| Grandmayf             | Mr H Schreuders  |
| Fortian               | The Fortians Union Inc.  |
| Wildfire 2000         | George Thomson   |
| Kribicar              | Lux Riviera S.r.I.   |
| Yelbini               | State of Western Australia through its Department of Agriculture and Grains Research and Development Corporation   |
| Chesapeake Starlight  | United States of America as represented by the Secretary of Agriculture and Marlene Meyer  |
| Chesapeake Snowflake  | United States of America as represented by the Secretary of Agriculture and Marlene Meyer  |
| Q216                  | BSES Limited   |
| Q208                  | BSES Limited   |
| Q209                  | BSES Limited   |
| Q204                  | BSES Limited   |
| Q202                  | BSES Limited   |
| Q210                  | BSES Limited   |
| Q211                  | BSES Limited   |
| Arizona               | Tony and Juna Kebblewhite  |
| Sunmaref TP-SAP       | Suntory Flowers Limited  |
|                       | Selantel Grandlemlit Grandmayf Fortian Wildfire 2000 Kribicar Yelbini Chesapeake Starlight Chesapeake Snowflake Q216 Q208 Q209 Q204 Q202 Q210 Q211 Arizona |

| Waxflower<br>(Chamelaucium<br>uncinatum) | Champagne Pink | George Lullfitz |
|--|----------------|-----------------|
|--|----------------|-----------------|

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Date of effect: 29-Apr-2005

### Japanese Plum (Prunus salicina)

Variety: 'SAPPHIRE'

Synonym: N/A

**Application no:** 1998/200 **Current status:** GRANTED

Certificate no: 2643

Received: 07-Oct-1998
Accepted: 02-Dec-1998
Granted: 24-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Agricultural Research Council

**Agent:** Teak Enterprises Pty Ltd

**Telephone**: 0893105342 **Fax**: 0893105342

Date of effect: 29-Apr-

### Japanese Plum (Prunus salicina)

Variety: 'AWASO' Synonym: N/A

Application no: 1998/232 Current status: GRANTED Certificate no: 2644

Received: 09-Nov-1998 Accepted: 15-Feb-1999 Granted: 24-Feb-2005

Description

published in Volume 16, Issue 4

Plant Varieties

Journal:

Title Holder: Agricultural Research Council

**Agent:** Teak Enterprises Pty Ltd

**Telephone**: 0893105342 **Fax**: 0893105342

Date of effect: 29-Apr-

### Japanese Plum (Prunus salicina)

Variety: 'SOUVENIR II'

Synonym: N/A

**Application no:** 1998/233 **Current status:** GRANTED

Certificate no: 2642

 Received:
 09-Nov-1998

 Accepted:
 02-Dec-1998

 Granted:
 24-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Agricultural Research Council

**Agent:** Teak Enterprises Pty Ltd

**Telephone**: 0893105342 **Fax**: 0893105342

Date of effect: 29-Apr-

### Field Pea (Pisum sativum)

Variety: 'Sturt' Synonym: N/A

Application no: 2003/175 Current status: GRANTED

Certificate no: 2700

Received: 17-Jul-2003 Accepted: 30-Sep-2003 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Agriculture Victoria Services Pty Ltd and Grains Research and

**Development Corporation** 

Agent: N/A

**Telephone**: 0392174200 **Fax**: 0392174161

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'AV-Sapphire'

Synonym: N/A

**Application no:** 2002/090 **Current status:** GRANTED

Certificate no: 2635

Received: 08-Apr-2002 Accepted: 27-May-2002 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Agriculture Victoria Services Pty Ltd and Grains Research and

**Development Corporation** 

Agent: Ag-Seed Research Pty L td

**Telephone**: 0353821269 **Fax**: 0353811210

Date of effect: 29-Apr-

### Field Pea (Pisum sativum)

Variety: 'Moonlight'

Synonym: N/A

**Application no:** 2003/201 **Current status:** GRANTED

Certificate no: 2701

Received: 31-Jul-2003 Accepted: 30-Sep-2003 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Agriculture Victoria Services Pty Ltd, Grains Research and Development

Corporation and Department of Primary Industries for and on behalf of

the State of New South Wales

Agent: N/A

**Telephone**: 0392174138 **Fax**: (03) 9217 4161

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'AG-Spectrum'

Synonym: N/A

**Application no:** 2003/119 **Current status:** GRANTED

Certificate no: 2637

Received: 29-May-2003 Accepted: 07-Jul-2003 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Ag-Seed Research Pty Ltd

Agent: N/A

**Telephone**: 0353821269 **Fax**: 0353811210

Date of effect: 29-Apr-

# Canola (Brassica napus)

Variety: 'ATR-Stubby'

Synonym: N/A

**Application no:** 2003/118 **Current status:** GRANTED

Certificate no: 2636

Received: 29-May-2003 Accepted: 07-Jul-2003 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Ag-Seed Research Pty Ltd

Agent: N/A

**Telephone**: 0353821269 **Fax**: 0353811210

Date of effect: 29-Apr-

### **Broadleaf Carpetgrass (Axonopus compressus)**

Variety: 'Whitsunday White'

Synonym: N/A

**Application no:** 2002/216 **Current status:** GRANTED

Certificate no: 2709

Received: 31-Jul-2002 Accepted: 11-Nov-2002 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Anthony Richard Henebery

Agent: N/A
Telephone: N/A
Fax: N/A

Date of effect: 29-Apr-

# **Bower Wattle (Acacia cognata)**

Variety: 'River Cascade'

Synonym: N/A

**Application no:** 2002/278 **Current status:** GRANTED

Certificate no: 2724

Received: 09-Sep-2002 Accepted: 10-Sep-2002 Granted: 22-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Ashley Harding & Daryl Griffin

Agent: N/A

**Telephone**: 0397408144 **Fax**: 0397408166

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balolefro'

Synonym: N/A

**Application no:** 2002/237 **Current status:** GRANTED

Certificate no: 2653

Received: 12-Aug-2002 Accepted: 23-Sep-2002 Granted: 28-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balolecher'

Synonym: N/A

Application no: 2002/200 Current status: GRANTED

Certificate no: 2649

 Received:
 29-Jul-2002

 Accepted:
 23-Sep-2002

 Granted:
 28-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Pelargonium (Pelargonium peltatum x Pelargonium xhortorum)

Variety: 'Balgalsofi'

**Synonym:** Galleria Snowfire

**Application no:** 2001/362 **Current status:** GRANTED

Certificate no: 2648

Received: 13-Dec-2001 Accepted: 26-Mar-2002 Granted: 28-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balolesal'

Synonym: N/A

**Application no:** 2002/205 **Current status:** GRANTED

Certificate no: 2651

 Received:
 29-Jul-2002

 Accepted:
 23-Sep-2002

 Granted:
 28-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balolestop'

Synonym: N/A

**Application no:** 2002/206 **Current status:** GRANTED

Certificate no: 2652

 Received:
 29-Jul-2002

 Accepted:
 23-Sep-2002

 Granted:
 28-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Nemesia (Nemesia hybrid)

Variety: 'Balarropi'

Synonym: N/A

Application no: 2002/202 Current status: GRANTED Certificate no: 2650

Received: 29-Jul-2002 Accepted: 23-Sep-2002 Granted: 28-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Ball FloraPlant - A Division of Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balfieplos'
Synonym: Apple Blossom

Application no: 2003/199
Current status: GRANTED
Certificate no: 2670

**Received:** 31-Jul-2003 **Accepted:** 21-Nov-2003

**Granted:** 03-Mar-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Ivy Pelargonium (Pelargonium peltatum)

Variety: 'Balcolwhit'
Synonym: Balcol White

Application no: 2003/191 Current status: GRANTED Certificate no: 2661

**Received:** 31-Jul-2003 **Accepted:** 19-Nov-2003

**Granted:** 02-Mar-2005

Description

published in Vo

Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Pelargonium (Pelargonium xhortorum)

Variety: 'Balshofron'
Synonym: Frosted Salmon

Application no: 2003/195 Current status: GRANTED

Certificate no: 2664

Received: 31-Jul-2003 Accepted: 23-Dec-2003 Granted: 02-Mar-2005

Description

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Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Ivy Pelargonium (Pelargonium peltatum)

Variety: 'Balcolcork'
Synonym: Coral Pink

**Application no:** 2003/189 **Current status:** GRANTED

Certificate no: 2695

Received: 31-Jul-2003 Accepted: 19-Nov-2003 Granted: 09-Mar-2005

Description

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Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Ivy Pelargonium (Pelargonium peltatum)

Variety: 'Balcoldepi'

**Synonym:** Balcol Deep Pink

**Application no:** 2003/190 **Current status:** GRANTED

Certificate no: 2696

Received: 31-Jul-2003 Accepted: 19-Nov-2003 Granted: 09-Mar-2005

Description

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Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Pelargonium (Pelargonium xhortorum x Pelargonium peltatum)

Variety: 'Balgalbrio' Synonym: Violet Bright

Application no: 2003/188
Current status: GRANTED

Certificate no: 2672

Received: 31-Jul-2003 Accepted: 19-Nov-2003 Granted: 03-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Pelargonium (Pelargonium xhortorum x Pelargonium peltatum)

Variety: 'Balgalfroe'
Synonym: Frost Fire

Application no: 2003/193 Current status: GRANTED Certificate no: 2663

Received: 31-Jul-2003 Accepted: 19-Nov-2003 Granted: 02-Mar-2005

Description

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Plant Varieties
Volume 17, Issue 2

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Pelargonium (Pelargonium xhortorum x Pelargonium peltatum)

Variety: 'Balgalsusi'
Synonym: Sunrise II

Application no: 2003/192 Current status: GRANTED Certificate no: 2662

Received: 31-Jul-2003 Accepted: 19-Nov-2003 Granted: 02-Mar-2005

Description

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Plant Varieties

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balfiespray'
Synonym: Cherry Sparkler

**Application no:** 2003/200 **Current status:** GRANTED

Certificate no: 2671

Received: 31-Jul-2003 Accepted: 21-Nov-2003 Granted: 03-Mar-2005

Description

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Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Busy Lizzie (Impatiens walleriana)

Variety: 'Balfieblus'
Synonym: Balfie Blush

Application no: 2003/198
Current status: GRANTED
Certificate no: 2669

 Received:
 31-Jul-2003

 Accepted:
 21-Nov-2003

 Granted:
 03-Mar-2005

Description

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Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# New Guinea Impatiens (Impatiens hawkeri)

Variety: 'Balceltrop'
Synonym: Peach Tropical

Application no: 2003/194
Current status: GRANTED
Certificate no: 2667

Received: 31-Jul-2003 Accepted: 23-Dec-2003 Granted: 03-Mar-2005

Description

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Plant Varieties
Volume 17, Issue 1

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# New Guinea Impatiens (Impatiens hawkeri)

Variety: 'Balcelpink'
Synonym: Balcel Pink

Application no: 2003/196 Current status: GRANTED Certificate no: 2668

 Received:
 31-Jul-2003

 Accepted:
 21-Nov-2003

 Granted:
 03-Mar-2005

Description

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Plant Varieties
Volume 17, Issue 1

Journal:

**Title Holder:** Ball Horticultural Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

# Angelonia (Angelonia angustifolia)

Variety: 'Balangbeke'

Synonym: N/A

**Application no:** 2004/003 **Current status:** GRANTED

Certificate no: 2666

Received: 06-Jan-2004 Accepted: 31-Mar-2004 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Angelonia (Angelonia hybrid)

Variety: 'Balangimpu'

Synonym: N/A

**Application no:** 2003/208 **Current status:** GRANTED

Certificate no: 2656

Received: 11-Aug-2003 Accepted: 18-Sep-2003 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

## Angelonia (Angelonia hybrid)

Variety: 'Balangimla'

Synonym: N/A

**Application no:** 2003/212 **Current status:** GRANTED

Certificate no: 2659

Received: 11-Aug-2003 Accepted: 18-Sep-2003 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

# Angelonia (Angelonia hybrid)

Variety: 'Balanglapi'

Synonym: N/A

Application no: 2003/210 Current status: GRANTED

Certificate no: 2657

Received: 11-Aug-2003 Accepted: 18-Sep-2003 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

## Angelonia (Angelonia hybrid)

Variety: 'Balangdepi'

Synonym: N/A

**Application no:** 2003/211 **Current status:** GRANTED

Certificate no: 2658

Received: 11-Aug-2003 Accepted: 18-Sep-2003 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: Ball Horticultural Company

**Agent:** Ball Australia Pty Ltd

**Telephone:** (03) 9798 5355 **Fax:** (03) 9798 3733

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q216' Synonym: N/A

**Application no:** 2003/102 **Current status:** GRANTED

Certificate no: 2631

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q208' Synonym: N/A

**Application no:** 2003/089 **Current status:** GRANTED

Certificate no: 2625

Received: 02-May-2003 Accepted: 03-Jun-2003 Granted: 22-Feb-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q209' Synonym: N/A

**Application no:** 2003/096 **Current status:** GRANTED

Certificate no: 2626

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q204' Synonym: N/A

**Application no:** 2003/097 **Current status:** GRANTED

Certificate no: 2627

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in Varieties

Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q202' Synonym: N/A

**Application no:** 2003/098 **Current status:** GRANTED

Certificate no: 2628

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q210' Synonym: N/A

Application no: 2003/101 Current status: GRANTED Certificate no: 2630

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

## Sugarcane (Saccharum hybrid)

Variety: 'Q211' Synonym: N/A

**Application no:** 2003/100 **Current status:** GRANTED

Certificate no: 2629

Received: 12-May-2003 Accepted: 14-Aug-2003 Granted: 22-Feb-2005

Description

published in Volume Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: BSES Limited

Agent: N/A

**Telephone**: 0733313333 **Fax**: 0738710383

Date of effect: 29-Apr-

#### Chrysanthemum (Chrysanthemum indicum)

Variety: 'Ruby Red Reagan'

Synonym: N/A

**Application no:** 2001/372 **Current status:** GRANTED

Certificate no: 2619

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

### Chrysanthemum (Chrysanthemum indicum)

Variety: 'White Reagan Mundo'

Synonym: N/A

**Application no:** 2001/370 **Current status:** GRANTED

Certificate no: 2617

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

## Chrysanthemum (Chrysanthemum indicum)

Variety: 'Sunny Elite Reagan'

Synonym: N/A

Application no: 2001/366
Current status: GRANTED
Certificate no: 2614

**Received:** 17-Dec-2001 **Accepted:** 20-Mar-2002

**Granted:** 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

#### Chrysanthemum (Chrysanthemum indicum)

Variety: 'Pink Elite Reagan'

Synonym: N/A

Application no: 2001/364
Current status: GRANTED
Certificate no: 2613

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

### Chrysanthemum (Chrysanthemum indicum)

Variety: 'Tripdee Reagan'

Synonym: N/A

**Application no:** 2001/374 **Current status:** GRANTED

Certificate no: 2620

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

### Chrysanthemum (Chrysanthemum indicum)

Variety: 'Pink Reagan Mundo'

Synonym: N/A

**Application no:** 2001/368 **Current status:** GRANTED

Certificate no: 2616

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

### Chrysanthemum (Chrysanthemum indicum)

Variety: 'Yellow Reagan Mundo'

Synonym: N/A

**Application no:** 2001/371 **Current status:** GRANTED

Certificate no: 2618

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

### Chrysanthemum (Chrysanthemum indicum)

Variety: 'White Elite Reagan'

Synonym: N/A

**Application no:** 2001/367 **Current status:** GRANTED

Certificate no: 2615

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Chrysanthemum Breeders Association N.V. (C.B.A.N.V.)

Agent: Chrysco Flowers - postal address for service of notices on applicant CBA

B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

## Cotton (Gossypium hirsutum)

Variety: 'NuEMERALD RR'

Synonym: N/A

**Application no:** 2003/030 **Current status:** GRANTED

Certificate no: 2712

Received: 13-Feb-2003 Accepted: 24-Mar-2003 Granted: 16-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

**Telephone**: 0267925233 **Fax**: 0267925235

Date of effect: 29-Apr-

## Cotton (Gossypium hirsutum)

Variety: 'DeltaOPAL RR'

Synonym: N/A

**Application no:** 2003/029 **Current status:** GRANTED

Certificate no: 2711

Received: 13-Feb-2003 Accepted: 24-Mar-2003 Granted: 16-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

**Telephone**: 0267925233 **Fax**: 0267925235

Date of effect: 29-Apr-

## Cotton (Gossypium hirsutum)

Variety: 'NuEMERALD'

Synonym: N/A

Application no: 2003/028 Current status: GRANTED

Certificate no: 2710

Received: 13-Feb-2003 Accepted: 24-Mar-2003 Granted: 16-Mar-2005

Description

published in **Vo** Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

**Telephone**: 0267925233 **Fax**: 0267925235

Date of effect: 29-Apr-

## Cotton (Gossypium hirsutum)

Variety: 'NuSAPPHIRE'

Synonym: N/A

**Application no:** 2003/031 **Current status:** GRANTED

Certificate no: 2713

Received: 13-Feb-2003 Accepted: 24-Mar-2003 Granted: 16-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

**Telephone**: 0267925233 **Fax**: 0267925235

Date of effect: 29-Apr-

# Cotton (Gossypium hirsutum)

Variety: 'NuOPAL RR'

Synonym: N/A

**Application no:** 2003/032 **Current status:** GRANTED

Certificate no: 2714

Received: 13-Feb-2003 Accepted: 24-Mar-2003 Granted: 16-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

**Telephone**: 0267925233 **Fax**: 0267925235

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Welstein'

Synonym: N/A

**Application no:** 1999/062 **Current status:** GRANTED

Certificate no: 2692

Received: 12-Mar-1999 Accepted: 17-Jul-2000 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Eric Welsh Roses

 Agent:
 Greg Lowe

 Telephone:
 0243898750

 Fax:
 0243894958

Date of effect: 29-Apr-

### Lechenaultia (Lechenaultia biloba x Lechenaultia formosa)

Variety: 'Rhapsody'

Synonym: N/A

**Application no:** 2002/218 **Current status:** GRANTED

Certificate no: 2708

Received: 02-Aug-2002 Accepted: 15-Oct-2002 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: George Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933

Date of effect: 29-Apr-

### Lechenaultia (Lechenaultia formosa)

Variety: 'Tropicana'

Synonym: N/A

Application no: 2001/377
Current status: GRANTED
Certificate no: 2645

Received: 19-Dec-2001 Accepted: 19-Jun-2002 Granted: 25-Feb-2005

Description

published in
Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: George Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933

Date of effect: 29-Apr-

# Lechenaultia (Lechenaultia hybrid)

Variety: 'Violet Rainbow'

Synonym: N/A

**Application no:** 2001/378 **Current status:** GRANTED

Certificate no: 2646

Received: 19-Dec-2001 Accepted: 19-Jun-2002 Granted: 25-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: George Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933

Date of effect: 29-Apr-

# Lechenaultia (Lechenaultia hybrid)

Variety: 'Electric Blue'

Synonym: N/A

Application no: 2001/379 Current status: GRANTED

Certificate no: 2647

Received: 19-Dec-2001 Accepted: 19-Jun-2002 Granted: 25-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: George Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933

Date of effect: 29-Apr-

### Waxflower (Chamelaucium uncinatum)

Variety: 'Champagne Pink'

Synonym: N/A

**Application no:** 2000/027 **Current status:** GRANTED

Certificate no: 2704

Received: 01-Feb-2000 Accepted: 25-May-2000 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 2

Journal:

Title Holder: George Lullfitz

Agent: N/A

**Telephone**: 0894051607 **Fax**: 0893062933

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Howard Florey'

Synonym: N/A

**Application no:** 1998/199 **Current status:** GRANTED

Certificate no: 2598

 Received:
 07-Oct-1998

 Accepted:
 14-Oct-1998

 Granted:
 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: George Thomson

 Agent:
 Ross Roses

 Telephone:
 0885562555

 Fax:
 0885562955

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Onkaparinga'

Synonym: N/A

**Application no:** 1999/164 **Current status:** GRANTED

Certificate no: 2599

Received: 15-Jun-1999 Accepted: 21-Jun-1999 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** George Thomson

 Agent:
 Ross Roses

 Telephone:
 0885562555

 Fax:
 0885562955

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Wildfire 2000'

Synonym: N/A

Application no: 2000/191 **Current status: GRANTED** Certificate no: 2600

Received: 22-Jun-2000 Accepted: 26-Jul-2000 Granted: 07-Feb-2005

Description

published in

Volume 17, Issue 1 **Plant Varieties** 

Journal:

**Title Holder:** George Thomson

Agent: Ross Roses **Telephone**: 0885562555 Fax: 0885562955

Date of effect: 29-Apr-

## Digger's Speedwell (Veronica spicata)

Variety: 'Glory'

**Synonym:** Royal Candles

**Application no:** 2002/022 **Current status:** GRANTED

Certificate no: 2697

Received: 13-Feb-2002 Accepted: 26-Mar-2002 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Heather & Mike Philpott

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

## Apple rootstock (Malus prunifolia var ringo x Malus pumila var paradisiaca)

Variety: 'JM7' Synonym: N/A

**Application no:** 2000/113 **Current status:** GRANTED

Certificate no: 2721

Received: 29-Mar-2000 Accepted: 31-Mar-2000 Granted: 21-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Incorporated Administrative Agency National Agriculture and Bio-

oriented Research Organization

**Agent:** Davies Collison Cave

**Telephone**: 0392542777 **Fax**: 0392542770

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Intertrojaan'

Synonym: N/A

Application no: 2002/270 Current status: GRANTED

Certificate no: 2604

 Received:
 09-Sep-2002

 Accepted:
 30-Sep-2002

 Granted:
 07-Feb-2005

Description

published in Volume 17, Issue 1

Plant Varieties Journal:

Title Holder: Interplant B.V.

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Interzatore'

Synonym: N/A

**Application no:** 2002/276 **Current status:** GRANTED

Certificate no: 2602

 Received:
 09-Sep-2002

 Accepted:
 10-Sep-2002

 Granted:
 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Interplant B.V.

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Intertrodan' Synonym: Snowdance

**Application no:** 2002/272 **Current status:** GRANTED

Certificate no: 2601

 Received:
 09-Sep-2002

 Accepted:
 30-Sep-2002

 Granted:
 07-Feb-2005

Description

published in
Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Interplant B.V.

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Couchgrass (Cynodon dactylon)

Variety: 'JT1'
Synonym: N/A

Application no: 2002/282 Current status: GRANTED Certificate no: 2640

Received: 13-Sep-2002 Accepted: 23-Sep-2002 Granted: 24-Feb-2005

Description

published in
Plant Varieties
Volume 16, Issue 4

Journal:

Title Holder: Jimboomba Turf Company Pty Ltd

Agent: N/A

**Telephone**: 0732731166 **Fax**: 0732733763

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Lexplut'
Synonym: N/A

Application no: 2003/001 Current status: GRANTED Certificate no: 2608

**Received:** 02-Jan-2003 **Accepted:** 12-Feb-2003

Description

Granted:

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: Lex Voorn

**Agent:** Grandiflora Nurseries Pty Ltd

07-Feb-2005

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Lexmei'
Synonym: N/A

**Application no:** 2003/002 **Current status:** GRANTED

Certificate no: 2609

Received: 02-Jan-2003 Accepted: 12-Feb-2003 Granted: 07-Feb-2005

Description

published in
Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Lex Voorn

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Hebe (Hebe hybrid)

Variety: 'Lowaters Blue'

Synonym: N/A

**Application no:** 2002/286 **Current status:** GRANTED

Certificate no: 2716

Received: 19-Sep-2002 Accepted: 23-Sep-2002 Granted: 18-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Lowater Limited trading as Lowaters Nursery

**Agent:** Plants Management Australia Pty Ltd

**Telephone**: 0397221444 **Fax**: 0397221018

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Kribicar' Synonym: N/A

Application no: 2003/015 Current status: GRANTED Certificate no: 2610

Received: 30-Jan-2003 Accepted: 04-Feb-2003 Granted: 07-Feb-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: Lux Riviera S.r.l.

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

## Orange Jasmine (Murraya paniculata)

Variety: 'Mini Mike'

Synonym: N/A

**Application no:** 1999/317 **Current status:** GRANTED

Certificate no: 2703

Received: 16-Nov-1999 Accepted: 05-Mar-2000 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 2

Journal:

Title Holder: Michael B. Gleeson

Agent: N/A

**Telephone**: 0296274430 **Fax**: 0296276594

Date of effect: 29-Apr-

# Lucerne (Medicago sativa)

Variety: 'SARDI Seven'

Synonym: N/A

**Application no:** 1999/310 **Current status:** GRANTED

Certificate no: 2597

Received: 10-Nov-1999 Accepted: 01-Dec-1999 Granted: 28-Jan-2005

Description

published in Plant Varieties

Volume 15, Issue 2

Journal:

**Title Holder:** Minister for Agriculture, Food and Fisheries

**Agent:** Heritage Seeds Pty Ltd

**Telephone**: 0395619012 **Fax**: 0395616014

Date of effect: 29-Apr-

# Hybrid Green Couch Grass (Cynodon tranvaalensis x Cynodon dactylon)

Variety: 'MS-Supreme'

Synonym: N/A

**Application no:** 2002/305 **Current status:** GRANTED

Certificate no: 2641

 Received:
 14-Oct-2002

 Accepted:
 13-Dec-2002

 Granted:
 24-Feb-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Mississippi Agricultural & Forestry Experiment Station

**Agent:** Twin View Turf **Telephone:** 0754967393 **Fax:** 0754967352

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Frantasia'

Synonym: N/A

**Application no:** 2002/085 **Current status:** GRANTED

Certificate no: 2603

Received: 28-Mar-2002 Accepted: 24-Jun-2002 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Mr Frank Cowlishaw

**Agent:** Anthony Tesselaar Plants Pty Ltd

**Telephone**: 0397379568 **Fax**: 0397379899

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Grandmayf'

Synonym: N/A

**Application no:** 2002/346 **Current status:** GRANTED

Certificate no: 2607

Received: 04-Dec-2002 Accepted: 17-Jan-2003 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Mr H Schreuders

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Rose (Rosa hybrid)

Variety: 'Grandlemlit'

Synonym: N/A

**Application no:** 2002/345 **Current status:** GRANTED

Certificate no: 2606

Received: 04-Dec-2002 Accepted: 17-Jan-2003 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Mr H Schreuders

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

# Apple (Malus domestica)

Variety: 'NEVSON'

Synonym: N/A

**Application no:** 2000/101 **Current status:** GRANTED

Certificate no: 2705

Received: 17-Mar-2000 Accepted: 21-Mar-2000 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 14, Issue 4

Journal:

Title Holder: Nevis Fruit Company Limited

Agent: A J Park
Telephone: N/A
Fax: N/A

Date of effect: 29-Apr-

# Ivy Pelargonium (Pelargonium peltatum)

Variety: 'Kleropink' Synonym: Royal Pink

**Application no:** 2001/342 **Current status:** GRANTED

Certificate no: 2702

Received: 27-Nov-2001 Accepted: 18-Dec-2001 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: Nils Klemm

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

Date of effect: 29-Apr-

# Calibrachoa (Calibrachoa hybrid)

Variety: 'KLEC01057'

**Synonym:** Selecta Sun Yellow

**Application no:** 2001/336 **Current status:** GRANTED

Certificate no: 2691

Received: 27-Nov-2001 Accepted: 18-Dec-2001 Granted: 08-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 3

Journal:

Title Holder: Nils Klemm

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

Date of effect: 29-Apr-

# Calibrachoa (Calibrachoa hybrid)

Variety: 'KLEC01056'
Synonym: Selecta Lemon

Application no: 2001/335 Current status: GRANTED

Certificate no: 2690

Received: 27-Nov-2001 Accepted: 18-Dec-2001 Granted: 08-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 3

Journal:

Title Holder: Nils Klemm

**Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

Date of effect: 29-Apr-

## Ornamental Ginger (Zingiber spectabile)

Variety: 'Darzing Golden Glory'

Synonym: N/A

**Application no:** 2001/326 **Current status:** GRANTED

Certificate no: 2632

Received: 21-Nov-2001 Accepted: 01-Dec-2001 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Northern Territory of Australia represented by the Department of

Business, Industry and Resource Development

Agent: N/A

**Telephone**: 0889992292 **Fax**: 0889992049

Date of effect: 29-Apr-

# Ornamental Ginger (Zingiber spectabile)

Variety: 'Darzing Sunset'

Synonym: N/A

**Application no:** 2001/328 **Current status:** GRANTED

Certificate no: 2633

Received: 21-Nov-2001 Accepted: 01-Dec-2001 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Northern Territory of Australia represented by the Department of

Business, Industry and Resource Development

Agent: N/A

**Telephone**: 0889992292 **Fax**: 0889992049

Date of effect: 29-Apr-

# Ornamental Ginger (Zingiber spectabile)

Variety: 'Darzing Pinelime'

Synonym: N/A

**Application no:** 2001/329 **Current status:** GRANTED

Certificate no: 2634

Received: 21-Nov-2001 Accepted: 01-Dec-2001 Granted: 23-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Northern Territory of Australia represented by the Department of

Business, Industry and Resource Development

Agent: N/A

**Telephone**: 0889992292 **Fax**: 0889992049

Date of effect: 29-Apr-

## Grevillea (Grevillea victoriae x Grevillea rhyolitica)

Variety: 'LadyO' Synonym: N/A

Application no: 2002/326
Current status: GRANTED
Certificate no: 2717

Received: 06-Nov-2002 Accepted: 17-Jan-2003 Granted: 18-Mar-2005

Description

published in
Plant Varieties
Volume 16, Issue 4

Journal:

Title Holder: Peter James Ollerenshaw

Agent: N/A

**Telephone**: 0262369280 **Fax**: 0262369429

Date of effect: 29-Apr-

# False Sarsparilla (Hardenbergia violacea)

Variety: 'Sweet Heart'

Synonym: N/A

**Application no:** 2002/327 **Current status:** GRANTED

Certificate no: 2718

Received: 06-Nov-2002 Accepted: 17-Jan-2003 Granted: 18-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 3

Journal:

Title Holder: Peter James Ollerenshaw

Agent: N/A

**Telephone**: 0262369280 **Fax**: 0262369429

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'Parillumination'

Synonym: N/A

**Application no:** 2000/085 **Current status:** GRANTED

Certificate no: 2687

Received: 06-Mar-2000 Accepted: 20-Jun-2000 Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARCAROLINE'

Synonym: N/A

Application no: 1999/043 Current status: GRANTED

Certificate no: 2676

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARSYLVIA'

Synonym: N/A

**Application no:** 2000/084 **Current status:** GRANTED

Certificate no: 2686

Received: 06-Mar-2000 Accepted: 19-Apr-2000 Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARDONNA'

Synonym: N/A

**Application no:** 2000/082 **Current status:** GRANTED

Certificate no: 2685

Received: 06-Mar-2000 Accepted: 19-Apr-2000 Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'Parann' Synonym: N/A

Application no: 2003/070 **Current status:** GRANTED Certificate no: 2689

Received: 01-Apr-2003 Accepted: 15-May-2003 **Granted:** 06-Mar-2005

Description published in

**Plant Varieties** 

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 Fax: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARBLYNDA'

Synonym: N/A

**Application no:** 1999/041 **Current status:** GRANTED

Certificate no: 2674

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARSUSAN'

Synonym: N/A

**Application no:** 1999/052 **Current status:** GRANTED

Certificate no: 2684

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARODETTE'

Synonym: N/A

**Application no:** 1999/051 **Current status:** GRANTED

Certificate no: 2683

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARLOUISE'

Synonym: N/A

**Application no:** 1999/050 **Current status:** GRANTED

Certificate no: 2682

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARLEONIE'

Synonym: N/A

**Application no:** 1999/049 **Current status:** GRANTED

Certificate no: 2681

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARJILL'
Synonym: N/A

Application no: 1999/048
Current status: GRANTED
Certificate no: 2680

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in
Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARJENNIFER'

Synonym: N/A

**Application no:** 1999/047 **Current status:** GRANTED

Certificate no: 2679

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARGILLIAN'

Synonym: N/A

Application no: 1999/045 Current status: GRANTED Certificate no: 2678

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in
Plant Varieties
Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARDIANA'

Synonym: N/A

Application no: 1999/044
Current status: GRANTED

Certificate no: 2677

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

## Camellia (Camellia sasanqua)

Variety: 'PARSANDRA'

Synonym: N/A

**Application no:** 2000/086 **Current status:** GRANTED

Certificate no: 2688

Received: 06-Mar-2000 Accepted: 19-Apr-2000 Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

### Camellia (Camellia sasanqua)

Variety: 'PARBEV'

Synonym: N/A

**Application no:** 1999/042 **Current status:** GRANTED

Certificate no: 2675

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

### Camellia (Camellia sasanqua)

Variety: 'PARBJANE'

Synonym: N/A

**Application no:** 1999/039 **Current status:** GRANTED

Certificate no: 2673

Received: 26-Feb-1999
Accepted: 12-Mar-1999
Granted: 06-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 2

Journal:

Title Holder: RJ Cherry

Agent: N/A

**Telephone**: 0243761330 **Fax**: 0243761271

Date of effect: 29-Apr-

### Avocado (Persea americana)

Variety: 'Simmo 1'

Synonym: N/A

**Application no:** 2001/154 **Current status:** GRANTED

Certificate no: 2706

Received: 25-Jun-2001 Accepted: 30-Jun-2001 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Ronald Arthur Simpson and Fay Leone Simpson

Agent: N/A

**Telephone**: 0741268200 **Fax**: 0741268321

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Tan99065'
Synonym: Vino Rosso

**Application no:** 2003/046 **Current status:** GRANTED

Certificate no: 2611

Received: 03-Mar-2003 Accepted: 28-Mar-2003 Granted: 07-Feb-2005

Description

published in Volume 17, Issue 1

Plant Varieties Journal:

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger

**Agent:** Flora International Pty Ltd

**Telephone**: 0296066222 **Fax**: 0296066841

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Tan98399'
Synonym: Shanti

**Application no:** 2003/047 **Current status:** GRANTED

Certificate no: 2612

Received: 03-Mar-2003 Accepted: 28-Mar-2003 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger

**Agent:** Flora International Pty Ltd

**Telephone**: 0296066222 **Fax**: 0296066841

Date of effect: 29-Apr-

## Pelargonium (Pelargonium xhortorum)

Variety: 'Sil Onno'

**Synonym:** Balsho Purple

**Application no:** 2003/197 **Current status:** GRANTED

Certificate no: 2665

Received: 31-Jul-2003 Accepted: 21-Nov-2003 Granted: 02-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Silze GmbH & Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

## Pelargonium (Pelargonium xhortorum)

Variety: 'Baldesgrapi'
Synonym: Grape II

Application no: 2003/186 Current status: GRANTED Certificate no: 2660

**Received:** 31-Jul-2003 **Accepted:** 19-Nov-2003

**Granted:** 02-Mar-2005

Description

published in Volum Plant Varieties

Volume 17, Issue 2

Journal:

**Title Holder:** Silze GmbH & Company **Agent:** Oasis Horticulture Pty Ltd

**Telephone**: 0247541422 **Fax**: 0247544260

Date of effect: 29-Apr-

### **Buffalo Grass (Stenotaphrum secundatum)**

Variety: 'Sir James'

Synonym: N/A

Application no: 2002/283
Current status: GRANTED
Certificate no: 2715

Received: 16-Sep-2002 Accepted: 15-Oct-2002 Granted: 18-Mar-2005

Description

published in Volume 17, Issue 1

Plant Varieties

Journal:

Title Holder: Sod Turf Pty Ltd

Agent: N/A

**Telephone**: 0249300159 **Fax**: 0249300289

Date of effect: 29-Apr-

# Serradella (Ornithopus compressus)

Variety: 'Yelbini' Synonym: N/A

Application no: 2002/343
Current status: GRANTED
Certificate no: 2719

 Received:
 26-Nov-2002

 Accepted:
 17-Feb-2003

 Granted:
 18-Mar-2005

Description

published in Volume 17, Issue 1

Journal:

Title Holder: State of Western Australia through its Department of Agriculture and

Grains Research and Development Corporation

Agent: N/A

**Telephone**: 0893683347 **Fax**: 0893683946

Date of effect: 29-Apr-

#### Biserrula (Biserrula pelecinus)

Variety: 'Mauro' Synonym: N/A

Application no: 2002/344
Current status: GRANTED
Certificate no: 2720

 Received:
 26-Nov-2002

 Accepted:
 15-Apr-2003

 Granted:
 18-Mar-2005

Description published in

Plant Varieties

Volume 16, Issue 4

Journal:

Title Holder: State of Western Australia through its Department of Agriculture, Grains

Research and Development Corporation, Murdoch University and

Australian Wool Innovation Limited

**Agent:** State of Western Australia through its Department of Agriculture

**Telephone**: 0893683347 **Fax**: (08) 9368 3946

Date of effect: 29-Apr-

## Calibrachoa (Calibrachoa hybrid)

Variety: 'Sunbel-apu' Synonym: Peach Chimes

**Application no:** 2002/110 **Current status:** GRANTED

Certificate no: 2723

Received: 13-May-2002 Accepted: 18-Jun-2002 Granted: 21-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 3

Journal:

**Title Holder:** Suntory Flowers Limited **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

Date of effect: 29-Apr-

## Verbena (Verbena hybrid)

Variety: 'Sunmaref TP-SAP'

**Synonym:** Salmon Pink

**Application no:** 2001/186 **Current status:** GRANTED

Certificate no: 2722

Received: 19-Jul-2001 Accepted: 08-Nov-2001 Granted: 21-Mar-2005

Description

published in Plant Varieties

Volume 15, Issue 1

Journal:

**Title Holder:** Suntory Flowers Limited **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243512099 **Fax**: 0243531875

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Selantel'

Synonym: N/A

**Application no:** 2002/335 **Current status:** GRANTED

Certificate no: 2605

Received: 22-Nov-2002 Accepted: 04-Feb-2003 Granted: 07-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** TERRA NIGRA Holding B.V. **Agent:** Grandiflora Nurseries Pty Ltd

**Telephone**: 0397822777 **Fax**: 0397822576

Date of effect: 29-Apr-

## Rose (Rosa hybrid)

Variety: 'Fortian' Synonym: N/A

**Application no:** 2000/168 **Current status:** GRANTED **Certificate no:** 2693

Received: 06-Jun-2000 Accepted: 17-Jul-2000 Granted: 09-Mar-2005

Description published in

Plant Varieties Volume 17, Issue 1

Journal:

**Title Holder:** The Fortians Union Inc.

**Agent**: Greg Lowe **Telephone**: 0243898750 **Fax**: 0243894958

Date of effect: 29-Apr-

## Turf Lily (Liriope muscari)

Variety: 'Arizona' Synonym: N/A

**Application no:** 2000/285 **Current status:** GRANTED

Certificate no: 2694

Received: 13-Sep-2000 Accepted: 12-Feb-2001 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 16, Issue 2

Journal:

Title Holder: Tony and Juna Kebblewhite

Agent: N/A

**Telephone**: 0754491767 **Fax**: 0754491810

Date of effect: 29-Apr-

## Couchgrass (Cynodon dactylon)

Variety: 'TL1' Synonym: N/A

Application no: 2002/267
Current status: GRANTED
Certificate no: 2638

 Received:
 05-Sep-2002

 Accepted:
 20-Nov-2002

 Granted:
 24-Feb-2005

Description published in

Plant Varieties Volume 16, Issue 4

Journal:

Title Holder: Tropical Lawns Pty Ltd

Agent: N/A

**Telephone**: 0740561740 **Fax**: 0740563633

Date of effect: 29-Apr-

## Hybrid Green Couch Grass (Cynodon tranvaalensis x Cynodon dactylon)

Variety: 'TL2' Synonym: N/A

Application no: 2002/268
Current status: GRANTED
Certificate no: 2639

 Received:
 05-Sep-2002

 Accepted:
 20-Nov-2002

 Granted:
 24-Feb-2005

Description published in

Plant Varieties Volume 16, Issue 4

Journal:

Title Holder: Tropical Lawns Pty Ltd

Agent: N/A

**Telephone**: 0740561740 **Fax**: 0740563633

Date of effect: 29-Apr-

### Star of Bethlehem (Ornithogalum thyrsoides)

Variety: 'Chesapeake Starlight'

Synonym: N/A

Application no: 2002/111
Current status: GRANTED
Certificate no: 2654

Received: 13-May-2002 Accepted: 23-Aug-2002 Granted: 28-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

Title Holder: United States of America as represented by the Secretary of Agriculture

and Marlene Meyer

Agent: Angus Stewart
Telephone: 0243859788
Fax: 0243859788

Date of effect: 29-Apr-

### Star of Bethlehem (Ornithogalum thyrsoides)

Variety: 'Chesapeake Snowflake'

Synonym: N/A

**Application no:** 2002/114 **Current status:** GRANTED

Certificate no: 2655

Received: 13-May-2002 Accepted: 23-Aug-2002 Granted: 28-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** United States of America as represented by the Secretary of Agriculture

and Marlene Meyer

Agent: Angus Stewart
Telephone: 0243859788
Fax: 0243859788

Date of effect: 29-Apr-

## Lily (Lilium hybrid)

Variety: 'Zantrijus'

Synonym: N/A

**Application no:** 2002/135 **Current status:** GRANTED

Certificate no: 2698

Received: 28-May-2002 Accepted: 15-Jul-2002 Granted: 09-Mar-2005

Description

published in
Plant Varieties
Volume 17, Issue 1

Journal:

Title Holder: Van Zanten Flowerbulbs B.V.

**Agent:** F B Rice & Co **Telephone:** 0396554400 **Fax:** 0396633099

Date of effect: 29-Apr-

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'Staqueen'

Synonym: N/A

Application no: 2002/179
Current status: GRANTED

Certificate no: 2707

Received: 03-Jul-2002 Accepted: 30-Sep-2002 Granted: 11-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'Staprirange'

**Synonym:** Ella

**Application no:** 2003/082 **Current status:** GRANTED

Certificate no: 2699

Received: 15-Apr-2003 Accepted: 16-May-2003 Granted: 09-Mar-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone:** 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'Stapricamil'

Synonym: Camilla

**Application no:** 2002/361 **Current status:** GRANTED

Certificate no: 2623

Received: 16-Dec-2002 Accepted: 04-Feb-2003 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'Staprisara'

**Synonym:** Sara

**Application no:** 2002/362 **Current status:** GRANTED

Certificate no: 2624

Received: 16-Dec-2002 Accepted: 04-Feb-2003 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Peruvian Lily (Alstroemeria hybrid)

Variety: 'Zanvedere'

Synonym: N/A

**Application no:** 2002/180 **Current status:** GRANTED

Certificate no: 2622

Received: 03-Jul-2002 Accepted: 30-Sep-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Van Zanten Plants B.V. **Agent:** Ramm Botanicals Pty Ltd

**Telephone**: 0243721445

Fax: N/A

Date of effect: 29-Apr-

## Chrysanthemum (Chrysanthemum indicum)

Variety: 'Vybowl' Synonym: N/A

**Application no:** 2001/375 **Current status:** GRANTED

Certificate no: 2621

Received: 17-Dec-2001 Accepted: 20-Mar-2002 Granted: 08-Feb-2005

Description

published in Plant Varieties

Volume 17, Issue 1

Journal:

**Title Holder:** Vyking Flowers B.V.

**Agent:** Chrysco Flowers - address for service of notices upon the applicant

Viking Flowers B.V.

**Telephone**: 0397822666 **Fax**: 0397822456

Date of effect: 29-Apr-

# **Denomination Changed**

Cordyline fruticosa

**Cordyline, Ti Plant** 

'Gan01'

Application No: 2001/319

The denomination has been changed from 'Corgan 01' to 'Gan01'.

Brassica napus

Canola

'Boomer'

Application No: 2004/265

The denomination has been changed from 'CBTT-026' to 'Boomer'.

# Synonym Added/Changed

Medicago sativa

Lucerne

'SuperAurora' syn Icon

Application No: 2003/018

Synonym I con has been added

Trifolium repens

**White Clover** 

'SuperLadino' syn Excel

Application No: 2003/017

Synonym Excel has been added

'SuperHuia' syn Canterbury

Application No: 2003/364

Synonym Canterbury has been added

## **Agent Amended**

From: Spruson and Ferguson

To: A J Park

For the following variety:

#### Malus domestica

## **Apple**

### 'Huaguan'

Application No: 1996/272 Certificate Number: 2456

From: Luminis Pty Limited

► To: Adelaide Research & Innovation Pty Ltd

For the following variety:

## Hordeum vulgare

### **Barley**

## 'Lofty Nijo'

Application No: 2000/167 Certificate Number: 1952

From: Monsanto Australia Limited

➤ To: Ag-Seed Research Pty Ltd

For the following varieties:

#### Brassica napus

#### Canola

'ATR-Grace'

Application No: 1999/344 Certificate Number: 1912

'AV-Sapphire'

Application No: 2002/090 Certificate Number: 2635

'ATR Beacon'

Application No: 2001/136 Certificate Number: 2187

'ATR-Eyre'

Application No: 2001/309 Certificate Number: 2298

'Dunkeld'

Application No: 1994/050 Certificate Number: 672

'Karoo'

Application No: 1996/040 Certificate Number: 1123

'Monty'

Application No: 1996/227 Certificate Number: 1127

'Oscar'

Application No: 1992/009 Certificate Number: 589

'Rainbow'

Application No: 1994/051 Certificate Number: 673

'Ti1 Pinnacle'

Application No: 1997/046 Certificate Number: 1125

From: Freehills Carter Smith Beadle

► To: Freehills Patent & Trade Mark Attorneys

for the following varieties:

Lactuca sativa var. longifolia

Lettuce

'Cyclone'

Application No: 2003/238

Vitis vinifera

Grape

'Princess'

Application No: 2004/001

'Summer Royal'

Application No: 2004/002

'Sweet Scarlet'

Application No: 2004/054

### **Agent Nomination**

Figure 1. Griffith Hack has been nominated as the agent for the following varieties:

Argyranthemum frutescens

**Marguerite Daisy** 

'OHAR 01240' syn Santa Maria

Application No: 2004/107

'OHAR 01245' syn Machio

Application No: 2004/109

'OHAR 01247' syn Baleira

Application No: 2004/105

'OHAR 0132' syn Porto Santo

Application No: 2004/108

'OHAR 01241' syn Monte

Application No: 2004/106

Bracteantha bracteata

**Everlasting Daisy** 

'NN-9812AA'

Application No: 2000/236 Certificate Number: 2142

'NN-9812AE'

Application No: 1999/318 Certificate Number: 2136

'NN-99131A'

Application No: 2000/237 Certificate Number: 2143

'NN-B9821A'

Application No: 1999/319 Certificate Number: 2137

'NN-B9892'

Application No: 1999/320 Certificate Number: 2138

'OHB00-37.90' syn Dreamtime Large Yellow

Application No: 2004/206

### Capsicum annuum var. fasciculatum

**Dwarf Chilli** 

'Bantam'

Application No: 1997/128 Certificate Number: 1256

'Orange Bantam'

Application No: 1998/154 Certificate Number: 1606

'Thimble'

Application No: 1997/129 Certificate Number: 1257

Capsicum annuum var. annuum

**Sweet Chilli** 

'Ebony Fire'

Application No: 2004/313

'Salsa'

Application No: 2004/312

'Seville'

Application No: 2004/314

Chamelaucium hybrid

**Waxflower** 

'Crystal'

Application No: 1995/239 Certificate Number: 1012

Chamelaucium uncinatum

#### Waxflower

### 'Cascade Brilliance'

Application No: 1996/200 Certificate Number: 1272

'Cascade Brook'

Application No: 1993/161 Certificate Number: 779

'Cascade Jewel'

Application No: 1993/159 Certificate Number: 507

'Cascade Mist'

Application No: 1993/160 Certificate Number: 442

## **Change of Ownership**

## **Change of Ownership**

- From: Monsanto Australia Limited
- To: Ag-Seed Research Pty L td

for the following varieties:

### Brassica napus var. oleifera

#### Canola

# 'ATR-Stubby'

Application No: 2003/118

#### 'ATR-Castle'

Application No: 2001/300

## 'ATR-Spectrum'

Application No: 2003/119

- From: Luminis Pty Limited
- ► To: Adelaide Research & Innovation Pty Ltd

for the following varieties:

#### Banksia coccinea

#### **Scarlet Banksia**

#### 'Waite Crimson'

Application No: 1992/172

#### 'Waite Flame'

Application No: 1994/211

### 'Waite Orange'

Application No: 1991/020 Certificate Number: 163

- From: Luminis Pty Limited and Grains Research and Development Corporation
- ► To: Adelaide Research & Innovation Pty Ltd and Grains Research and Development Corporation

for the following varieties:

### Hordeum vulgare

#### **Barley**

#### 'Keel'

Application No: 1999/143 Certificate Number: 1798

#### 'Torrens'

Application No: 2001/123 Certificate Number: 2312

#### Triticum aestivum

## Wheat

#### 'Anlace'

Application No: 1999/089 Certificate Number: 1911

#### 'Kukri'

Application No: 2000/151 Certificate Number: 1880

## 'Yitpi'

Application No: 2000/019 Certificate Number: 2337

#### Vicia faba

## Field Bean

#### 'Fiesta VF'

Application No: 1997/327 Certificate Number: 1696

### x Triticosecale

## **Triticale**

#### 'Credit'

Application No: 1997/113 Certificate Number: 1159

#### 'Tickit'

Application No: 2000/140 Certificate Number: 1852

#### 'Treat'

Application No: 1998/020 Certificate Number: 1167

- From: Agriculture Victoria Services Pty Ltd and AgResearch Limited
- ▶ To: Agriculture Victoria Services Pty Ltd and Grasslanz Technology Limited

for the following varieties:

# Lolium perenne

# **Perennial Ryegrass**

## 'Fitzroy'

Application No: 1997/179

- From: Department of Agriculture for & on behalf of the State of New South Wales
- > To: Department of Primary Industries for and on behalf of the State of New South

## Wales

for all applications where Department of Agriculture for & on behalf of the State of New South Wales was the applicant.

- From: Selected Seeds Pty Ltd
- > To: Australian Premium Seeds Pty Ltd

for the following variety:

### Panicum laxum

#### **Panic Grass**

# 'Shadegro'

Application No: 1994/132 Certificate Number: 447

- From: Oasis Horticulture Pty Limited
- ➤ To: Bonza Botanicals Pty Limited

for the following varieties:

## Capsicum annuum var. fasciculatum

# **Dwarf Chilli**

#### 'Bantam'

Application No: 1997/128 Certificate Number: 1256

# 'Orange Bantam'

Application No: 1998/154 Certificate Number: 1606

#### 'Thimble'

Application No: 1997/129 Certificate Number: 1257

# 'Ebony Fire'

Application No: 2004/313

'Salsa'

Application No: 2004/312

'Seville'

Application No: 2004/314

Argyranthemum frutescens

**Marguerite Daisy** 

'OHAR 01240' syn Santa Maria

Application No: 2004/107

'OHAR 01245' syn Machio

Application No: 2004/109

'OHAR 01247' syn Baleira

Application No: 2004/105

'OHAR 0132' syn Porto Santo

Application No: 2004/108

'OHAR 01241' syn Monte

Application No: 2004/106

Bracteantha bracteata

**Everlasting Daisy** 

'NN-9812AA'

Application No: 2000/236 Certificate Number: 2142

'NN-9812AE'

Application No: 1999/318 Certificate Number: 2136

'NN-99131A'

Application No: 2000/237 Certificate Number: 2143

'NN-B9821A'

Application No: 1999/319 Certificate Number: 2137

'NN-B9892'

Application No: 1999/320 Certificate Number: 2138

'OHB00-37.90' syn Dreamtime Large Yellow

Application No: 2004/206

Chamelaucium hybrid

Waxflower

'Crystal'

Application No: 1995/239 Certificate Number: 1012

Chamelaucium uncinatum

**Waxflower** 

'Cascade Brilliance'

Application No: 1996/200 Certificate Number: 1272

'Cascade Brook'

Application No: 1993/161 Certificate Number: 779

'Cascade Jewel'

Application No: 1993/159 Certificate Number: 507

'Cascade Mist'

Application No: 1993/160 Certificate Number: 442

- From: Ministry of Agriculture, Forestry and Fisheries
- ▶ To: National Agriculture Research Organization

then

- From: National Agriculture Research Organization
- ► To: Incorporated Administrative Agency National Agricutture and Bio-oriented Research Organisation

for the following variety:

# Citrus [(unshiu x sinensis) x unshiu]

# Citrus Hybrid

#### 'Tsunokaori'

Application No: 1994/084

- From: Ball FloraPlant A Division of Ball Horticultural Company
- ➤ To: Ball Horticultural Company

for the following variety:

# Impatiens walleriana

# **Busy Lizzie**

## 'Balfiepuna' syn Fiesta Purple Pinnata

Application No: 2002/186

# **Applications Withdrawn**

The following varieties are no longer under provisional protection:

Arachis hypogaea

**Peanut, Ground Nut** 

'GA942001' syn McMahon

Application No: 2003/316

Lilium hybrid

Lily

'Orania'

Application No: 2003/304

Pelargonium xhortorum

Pelargonium

'BFP-1700' syn Designer Whitefire

Application No: 2000/275

Rosa hybrid

Rose

'POULpear'

Application No: 1999/375

#### **Grants Surrendered**

The following varieties are no longer under PBR protection:

Alstroemeria hybrid

**Peruvian Lily** 

'Ballet'

Application No: 1996/149 Certificate Number: 1400

Barleria cristata

**Philippine Violet** 

'Jetstreak'

Application No: 2000/055 Certificate Number: 1707

Hordeum vulgare

**Barley** 

'Keel'

Application No: 1999/143 Certificate Number: 1798

'Lindwall'

Application No: 1998/044 Certificate Number: 1646

Impatiens hybrid

**Impatiens** 

'BSR-186 Bonfire Orange' syn Celebration Orange Bonfire

Application No: 1997/265 Certificate Number: 1428

Lupinus albus

**White Lupin** 

'Minibean'

Application No: 1998/204 Certificate Number: 1388

Lysimachia congestiflora

Lysimachia

'Golden Harvest'

Application No: 1993/163 Certificate Number: 1138

Mandevilla xamabilis

Mandevilla

'Magic Dream'

Application No: 1995/272 Certificate Number: 742

Paspalum notatum

**Bahia Grass** 

'Riba'

Application No: 1994/151 Certificate Number: 535

Prunus persica

**Peach** 

'Snowbrite'

Application No: 1998/125 Certificate Number: 1939

Ptilotus obovatus

**Ptilotus** 

'Cobtus'

Application No: 1999/168 Certificate Number: 2178

Rosa hybrid

Rose

# 'Interzange' syn Dakar

Application No: 2001/290 Certificate Number: 2386

'Korokis' syn Rose Kiss

Application No: 1989/132 Certificate Number: 100

Solanum tuberosum

**Potato** 

'Heather'

Application No: 1995/190 Certificate Number: 1168

Telopea speciosissima

Waratah

'Sunburst'

Application No: 1990/062 Certificate Number: 156

'Sunflare'

Application No: 1990/063 Certificate Number: 157

Triticum aestivum

Wheat

'Monad'

Application No: 1996/143 Certificate Number: 1274

# Corrigenda Corrigenda Prunus persica **Peach** 'Snow Princess' Application No: 2002/052 Journal Reference: PVJ 16(1) p 33 Prior Applications and Sales section of the detailed description should read as follows: **Prior Applications and Sales** First sold in the USA 15 Jul 2001, First sold in Australia 29 Mar 2001. Stenotaphrum secundatum **Buffalo Grass** 'Matilda' Application No: 2004/078 Journal Reference: PVJ 17(3) p 317-318 The comparator 'B12' was planted in early Autumn and 2 weeks later than the other varieties in the trial. Therefore, the overall growth characteristics of 'B12' may not be taken as representative of its official description originally published in PVJ 15(4) p 85 from a trial conducted during Spring/Summer. Mandevilla hybrid Mandevilla

'Sunmandeho'

Application No: 2001/185

Journal Reference: PVJ 17(1) p 552

The first sale date in Japan was incorrectly published as March 1999, the correct first sale date in Japan should be May 1 1998.

# Part 3 Appendices

The appendices to Plant Varieties Journal (Vol. 18 Issue 1) are listed below:

Appendix 1 - Fees

Appendix 2 - Plant Breeder's Rights Advisory Committee

Appendix 3 - Index of Accredited Consultant 'Qualified Persons'

Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'

Appendix 5 - Addresses of UPOV and Member States

Appendix 6 - Centralised Testing Centres

Appendix 7 - List of Plant Classes for Denomination Purposes

Appendix 8 - Register of Plant Varieties

# Appendix 1 - Fees

#### Fees

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights.

For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

#### **Payment of Fees**

All cheques for fees should be made payable and sent to:

Collector of Public Monies C/-Plant Breeders Rights Office, IP Australia GPO Box 200, Woden, ACT 2606

The **application fee** (\$300) must accompany the application at the time of lodgement.

# Consequences of not paying fees when due

#### Application fee

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

#### Examination fee

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

#### Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

#### Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

# Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

# **Fees**Basic Fees

| Schedule                          |      |      |      |      |
|-----------------------------------|------|------|------|------|
|                                   | Α    | В    | С    | D    |
|                                   | \$   |      |      |      |
| Application                       | 300  | 300  | 400  | 300  |
| Examination - per application     | 1400 | 1200 | 1400 | 800  |
| Certificate                       | 300  | 300  | 250  | 300  |
| Total Basic Fees                  | 2000 | 1800 | 2050 | 1400 |
|                                   |      |      |      |      |
| Annual Renewal - all applications | 300  |      |      |      |

#### **Schedule**

- A Single applications and applications based on an official overseas test reports.
- **B** Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.
- **C** Applications lodged under PVR (prior to 10<sup>th</sup> Nov 1994)
- **D** Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre

#### **Other Fees**

| Variation to application(s) - per hour or part thereof   | 75  |
|--|-----|
| Change of Assignment - per application   | 100 |
| Copy of an application (Part1 and/or Part2), an objection or a detailed description                                    | 50  |
| Copy of an entry in the Register   | 50  |
| Lodging an objection   | 100 |
| Annual subscription to Plant Varieties Journal   | 40  |
| Back issues of Plant Varieties Journal   | 14  |
| Administration - Other work relevant to PBR - per hour or part thereof   | 75  |
| Application for declaration of essential derivation Application for  | 800 |
| (a) revocation of a PBR 500  | 500 |
| (b) revocation of a declaration of essential derivation  | 500 |
| Compulsory licence   | 500 |
| Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer product. | 100 |

# **Appendix 2 - Plant Breeder's Rights Advisory Committee**

# Plant Breeders Rights Advisory Committee (PBRAC)

Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.

Comments on the technical operation of, or amendments to, the *Plant Breeder's Rights Act 1994*, particularly applications under section 17(2), should be directed through the Chairman.

#### Appendix 3 - Index of Accredited Consultant 'Qualified Persons'

#### INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

#### A guide to the use of the index of consultants:

- · locate in the left column of Table 1 the plant group for which you are applying;
- · listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TARIF 1

| PLANT                | CONSULTANT'S NAME               |
|----------------------|---------------------------------|
| GROUP/SPECIES/FAMILY | (TELEPHONE AND AREA IN TABLE 2) |
| Actinidia            | Richards, Graeme                |
| Almonds              | Granger, Andrew Swinburn, Garth |
|                      |                                 |

| Apple        | Baxter, Leslie                    |
|--------------|-----------------------------------|
|              | Cramond, Gregory                  |
|              | Darmody, Liz                      |
|              | Engel, Richard                    |
|              | Fleming, Graham                   |
|              | Langford, Garry                   |
|              | Mackay, Alastair                  |
|              | Maddox, Zoee                      |
|              | Malone, Michael                   |
|              | Mitchell, Leslie                  |
|              | Portman, Anthony<br>Robinson, Ben |
|              | Scholefield, Peter                |
|              | Stearne, Peter                    |
|              | Tancred, Stephen                  |
|              | Valentine, Bruce                  |
| Anigozanthos | Paananen, Ian                     |
|              | Kirby, Greg                       |
|              | Smith, Daniel                     |
| Aroid        | Harrison, Peter                   |
| Avocado      | Owen-Turner, John                 |
|              | Swinburn, Garth<br>Whiley, Tony   |
|              |                                   |

| Azalea          | Barrett, Mike        |
|-----------------|----------------------|
|                 | Hempel, Maciej       |
|                 | Paananen, Ian        |
|                 |                      |
| Barley (Common) | Brouwer, Jan         |
|                 | Collins, David       |
|                 | Khan, Akram          |
|                 | Platz, Greg          |
| Berry Fruit     | Darmody, Liz         |
|                 | Fleming, Graham      |
|                 | Greer, Neil          |
|                 | Maddox, Zoee         |
|                 | Robinson, Ben        |
|                 | Scholefield, Peter   |
| Bougainvillea   | Iredell, Janet Willa |
|                 | Prince, John         |
| Brassica        | Aberdeen, Ian        |
|                 | Chequer, Robert      |
|                 | Easton, Andrew       |
|                 | Fennell, John        |
|                 | Kadkol, Gururaj      |
|                 | Laker, Richard       |
|                 | Light, Kate          |
|                 | McMichael, Prue      |
|                 | Robinson, Ben        |

|            | Rudolph, Paul       |
|------------|---------------------|
|            | Sanders, Milton     |
|            | Scholefield, Peter  |
|            | Mouwen, Heidi       |
|            | Zadow, Diane        |
|            |                     |
| Buddleia   | Robb, John          |
|            | Paananen, Ian       |
|            |                     |
| Camellia   | Paananen, Ian       |
| oannoina ( | Robb, John          |
|            |                     |
| Cereals    | Brouwer, Jan        |
|            | Bullen, Kenneth     |
|            | Collins, David      |
|            | Cook, Bruce         |
|            | Cooper, Kath        |
|            | Derera, Nicholas AM |
|            | Downes, Ross        |
|            | Fennell, John       |
|            | Hare, Raymond       |
|            | Harrison, Peter     |
|            | Henry, Robert J     |
|            | Khan, Akram         |
|            | Law, Mary Ann       |
|            | Mitchell, Leslie    |
|            | Moore, Stephen      |

| Oates, John  |
|--|
| Platz, Greg  |
| Porter, Richard  |
| Poulsen, David   |
| Roake, Jeremy  |
| Rose, John   |
| Scattini, Walter John<br>Siedel, John  |
| Stearne, Peter   |
| Wilson, Frances  |
|  |
| Cramond, Gregory   |
| Darmody, Liz   |
| Fleming, Graham  |
| Granger, Andrew  |
| Mackay, Alastair   |
|  |
| Maddox, Zoee   |
| Maddox, Zoee  Mitchell, Leslie   |
|  |
| Mitchell, Leslie   |
| Mitchell, Leslie Pumpa, Lucy   |
| Mitchell, Leslie Pumpa, Lucy Robinson, Ben                                     |
| Mitchell, Leslie  Pumpa, Lucy  Robinson, Ben  Scholefield, Peter               |
| Mitchell, Leslie  Pumpa, Lucy  Robinson, Ben  Scholefield, Peter  Brouwer, Jan |
|  |

Oates, John

| Citrus  | Calabria, Patrick   |
|---------|---------------------|
|         | Fox, Primrose       |
|         | Lee, Slade          |
|         | Maddox, Zoee        |
|         | Mitchell, Leslie    |
|         | Owen-Turner, John   |
|         | Parr, Wayne         |
|         | Robinson, Ben       |
|         | Scholefield, Peter  |
|         | Swinburn, Garth     |
|         | Sykes, Stephen      |
|         | Topp, Bruce         |
|         |                     |
| Clivia  | Smith, Kenneth      |
|         |                     |
| Clover  | Lake, Andrew        |
|         | Miller, Jeff        |
|         | Mitchell, Leslie    |
|         | Nichols, Phillip    |
|         | Porter, Richard     |
|         |                     |
| Conifer | Stearne, Peter      |
|         |                     |
| Cotton  | Derera, Nicholas AM |
|         | Khan, Akram         |
|         | Leske, Richard      |
|         |                     |

| Cucurbits        | Herrington, Mark   |
|------------------|--------------------|
|                  | McMichael, Prue    |
|                  | Robinson, Ben      |
|                  | Scholefield, Peter |
|                  | Sykes, Stephen     |
| Cydonia          | Baxter, Leslie     |
| Dogwood          | Darmody, Liz       |
|                  | Fleming, Graham    |
|                  | Maddox, Zoee       |
|                  | Stearne, Peter     |
| Feijoa           | Robinson, Ben      |
|                  | Scholefield, Peter |
| Fibre Crops      | Khan, Akram        |
| Fig              | Darmody, Liz       |
|                  | Fleming, Graham    |
|                  | Maddox, Zoee       |
| Forage Brassicas | Goulden, David     |
|                  |                    |

| Forage Grasses | Fennell, John   |
|----------------|---|
|                | Harrison, Peter   |
|                | Kirby, Greg   |
|                | Mitchell, Leslie  |
|                | Smith, Kevin  |
|                |   |
| Forage Legumes | Fennell, John   |
|                | Foster, Kevin   |
|                | Harrison, Peter   |
|                | Hill, Jeff  |
|                | Lake, Andrew  |
|                | Miller, Jeff  |
|                | Porter, Richard   |
|                | Siedel, John  |
|                |   |
|                |   |
| Fruit          | Cramond, Gregory  |
| Fruit          | Cramond, Gregory  Darmody, Liz  |
| Fruit          |   |
| Fruit          | Darmody, Liz  |
| Fruit          | Darmody, Liz Fleming, Graham  |
| Fruit          | Darmody, Liz Fleming, Graham Granger, Andrew  |
| Fruit          | Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter   |
| Fruit          | Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter Lenoir, Roland  |
| Fruit          | Darmody, Liz  Fleming, Graham  Granger, Andrew  Kennedy, Peter  Lenoir, Roland  Maddox, Zoee  |
| Fruit          | Darmody, Liz  Fleming, Graham  Granger, Andrew  Kennedy, Peter  Lenoir, Roland  Maddox, Zoee  McCarthy, Alec                                  |
| Fruit          | Darmody, Liz  Fleming, Graham  Granger, Andrew  Kennedy, Peter  Lenoir, Roland  Maddox, Zoee  McCarthy, Alec  Mitchell, Leslie                |
| Fruit          | Darmody, Liz  Fleming, Graham  Granger, Andrew  Kennedy, Peter  Lenoir, Roland  Maddox, Zoee  McCarthy, Alec  Mitchell, Leslie  Portman, Sian |

| Ginger    | Whiley, Tony       |
|-----------|--------------------|
|           |                    |
| Grapes    | Biggs, Eric        |
|           | Darmody, Liz       |
|           | Fleming, Graham    |
|           | Lee, Slade         |
|           | Maddox, Zoee       |
|           | Mitchell, Leslie   |
|           | Porter, Richard    |
|           | Pumpa, Lucy        |
|           | Robinson, Ben      |
|           | Scholefield, Peter |
|           | Smith, Daniel      |
|           | Stearne, Peter     |
|           | Swinburn, Garth    |
|           | Sykes, Stephen     |
| Grevillea | Herrington, Mark   |
|           |                    |
| Hydrangea | Hanger, Brian      |
|           | Maddox, Zoee       |
| Impatiens | Paananen, Ian      |
| Jojoba    | Dunstone, Bob      |

| Legumes | Aberdeen, Ian     |
|---------|-------------------|
|         | Collins, David    |
|         | Cook, Bruce       |
|         | Cruickshank, Alan |
|         | Downes, Ross      |
|         | Foster, Kevin     |
|         | Harrison, Peter   |
|         | Imrie, Bruce      |
|         | Kirby, Greg       |
|         | Khan, Akram       |
|         | Knights, Edmund   |
|         | Lake, Andrew      |
|         | Law, Mary Ann     |
|         | Loch, Don         |
|         | Mitchell, Leslie  |
|         | Nutt, Bradley     |
|         | Rose, John        |
|         | Siedel, John      |
|         |                   |
| Lentils | Brouwer, Jan      |
|         | Collins, David    |
|         | Goulden, David    |
|         | Khan, Akram       |
|         | Porter, Richard   |
|         |                   |

| Lucerne        | Lake, Andrew                   |
|----------------|--------------------------------|
|                | Mitchell, Leslie               |
|                | Nichols, Phillip               |
|                | Porter, Richard                |
|                |                                |
| Lupin          | Collins, David                 |
|                | Sanders, Milton                |
|                |                                |
| Magnolia       | Paananen, Ian                  |
|                |                                |
|                |                                |
| Mango          | Owen-Turner, John              |
|                | Mitchell, Leslie               |
|                | Whiley, Tony                   |
|                |                                |
| Myrtaceae      | Dunstone, Bob                  |
|                |                                |
| Native grasses | Paananen, Ian                  |
|                | Quinn, Patrick                 |
|                |                                |
|                |                                |
| Oat            | Collins, David                 |
|                | Khan, Akram                    |
|                | Platz, Greg                    |
|                |                                |
| Oilseed crops  | Downes, Ross                   |
|                | Poulsen, David<br>Siedel, John |
|                |                                |

| Olives               | Bazzani, Mr Luigi               |
|----------------------|---------------------------------|
|                      | Granger, Andrew                 |
|                      |                                 |
| Onions               | Fennell, John                   |
|                      | Khan, Akram                     |
|                      | Laker, Richard                  |
|                      | McMichael, Prue                 |
|                      | Robinson, Ben                   |
|                      | Scholefield, Peter              |
|                      |                                 |
| Ornamentals - Exotic | Abell, Peter                    |
|                      | Armitage, Paul                  |
|                      | Angus, Tim                      |
|                      | Barth, Gail                     |
|                      | Collins, Ian                    |
|                      | Cunneen, Thomas                 |
|                      | Dalgliesh, Ian                  |
|                      | Darmody, Liz                    |
|                      | Dawson, Iain                    |
|                      | Derera, Nicholas AM             |
|                      | Eggleton, Steve<br>Ellison, Don |
|                      | Fisk, Anne Marie                |
|                      | Fleming, Graham                 |
|                      | Guy, Gareme                     |
|                      | Harrison, Peter                 |
|                      | Hempel, Maciej                  |

Johnston, Margaret

Kirkham, Roger Khan, Akram

Kulkarni, Vinod

Lamont, Greg

Larkman, Clive

Lenoir, Roland

Lowe, Greg

Lunghusen, Mark

Maddox, Zoee

Marcsik, Doris

McMichael, Prue

Milne, Carolynn

Mitchell, Hamish

Mitchell, Leslie

Nichols, David

Oates, John

Paananen, Ian

Prescott, Chris

Prince, John

Robb, John

Pumpa, Lucy

Robinson, Ben

Scholefield, Peter

Singh, Deo

Smith, Daniel

Stearne, Peter

Stewart, Angus

Van der Ley, John

Van der Staay, Rosemaree Anne

Watkins, Phillip Watkinson, Andrew

Ornamentals - Indigenous

Abell, Peter

Allen, Paul

Angus, Tim

Barrett, Mike

Barth, Gail

Cunneen, Thomas

Dawson, Iain

Derera, Nicholas AM

Downes, Ross Ellison, Don

Eggleton, Steve

Granger, Andrew

Harrison, Peter

Henry, Robert J

Hockings, David

Jack, Brian

Johnston, Margaret

Kirby, Greg

Kirkham, Roger Khan, Akram

Lenoir, Roland

Lowe, Greg

Lullfitz, Robert

Lunghusen, Mark

McMichael, Prue

Milne, Carolynn

|            | Mitchell, Hamish   |
|------------|--------------------|
|            | Molyneux, W M      |
|            | Nichols, David     |
|            | Oates, John        |
|            | Paananen, Ian      |
|            | Prince, John       |
|            | Pumpa, Lucy        |
|            | Robinson, Ben      |
|            | Scholefield, Peter |
|            | Singh, Deo         |
|            | Slater, Tony       |
|            | Smith, Daniel      |
|            | Stearne, Peter     |
|            | Tan, Beng          |
|            | Watkins, Phillip   |
| Ornithopus | Foster, Kevin      |
|            | Nichols, Phillip   |
|            | Nutt, Bradley      |
| Osmanthus  | Paananen, Ian      |
|            | Robb, John         |
|            |                    |

| Pastures & Turf | Aberdeen, Ian         |
|-----------------|-----------------------|
|                 | Anderson, Malcolm     |
|                 | Avery, Angela         |
|                 | Cameron, Stephen      |
|                 | Cook, Bruce           |
|                 | Downes, Ross          |
|                 | Harrison, Peter       |
|                 | Kirby, Greg           |
|                 | Loch, Don             |
|                 | Miller, Jeff          |
|                 | Mitchell, Leslie      |
|                 | Neylan, John          |
|                 | Porter, Richard       |
|                 | Rose, John            |
|                 | Smith, Raymond        |
|                 | Scattini, Walter John |
|                 | Smith, Kevin          |
|                 | Wilkes, Gregory       |
|                 | Wilson, Frances       |
|                 | ·                     |
| Peanut          | Cruickshank, Alan     |
|                 | George, Doug          |
|                 |                       |

| Pear      | Baxter, Leslie                 |
|-----------|--------------------------------|
|           | Cramond, Gregory               |
|           | Darmody, Liz<br>Engel, Richard |
|           | Fleming, Graham                |
|           | Langford, Garry                |
|           | Mackay, Alastair               |
|           | Maddox, Zoee                   |
|           | Malone, Michael                |
|           | Portman, Anthony               |
|           | Robinson, Ben                  |
|           | Scholefield, Peter             |
|           | Tancred, Stephen               |
|           | Valentine, Bruce               |
|           |                                |
| Persimmon | Swinburn, Garth                |
|           |                                |
| Petunia   | Paananen, Ian                  |
|           | Nichols, David                 |
|           |                                |
| Photinia  | Robb, John                     |
|           |                                |
| Pistacia  | Richardson, Clive              |
|           | Sykes, Stephen                 |
|           |                                |

| Pisum      | Brouwer, Jan       |
|------------|--------------------|
|            | Goulden, David     |
|            | McMichael, Prue    |
|            | Sanders, Milton    |
|            |                    |
| Potatoes   | Fennell, John      |
|            | Guertsen, Paul     |
|            | Kirkham, Roger     |
|            | Legisa, Anthony    |
|            | McMichael, Prue    |
|            | Pumpa, Lucy        |
|            | Robinson, Ben      |
|            | Scholefield, Peter |
|            | Slater, Tony       |
|            | Smith, Daniel      |
|            | Stearne, Peter     |
|            | Wilson, Graeme     |
|            |                    |
| Proteaceae | Barth, Gail        |
|            | Kirby, Neil        |
|            | Robb, John         |
|            | Robinson, Ben      |
|            | Scholefield, Peter |
|            | Smith, Daniel      |
|            |                    |

| Prunus      | Calabria, Patrick              |
|-------------|--------------------------------|
|             | Cramond, Gregory               |
|             | Darmody, Liz<br>Engel, Richard |
|             | Fleming, Graham                |
|             | Granger, Andrew                |
|             | Kennedy, Peter                 |
|             | Mackay, Alastair               |
|             | Maddox, Zoee                   |
|             | Malone, Michael                |
|             | Portman, Anthony               |
|             | Richards, Graeme               |
|             | Topp, Bruce                    |
|             | Wilkes, Gregory                |
|             | Witherspoon, Jennifer          |
|             |                                |
| Pulse Crops | Bestow, Sue                    |
|             | Brouwer, Jan                   |
|             | Collins, David                 |
|             | Graetz, Darren                 |
|             | Oates, John                    |
|             | Porter, Richard                |
|             | Poulsen, David                 |

| Raspberry    | Darmody, Liz       |
|--------------|--------------------|
|              | Fleming, Graham    |
|              | Herrington, Mark   |
|              | Robinson, Ben      |
|              | Scholefield, Peter |
|              |                    |
| Rhododendron | Barrett, Mike      |
|              | Paananen, Ian      |
| Rose         | Barrett, Mike      |
|              | Darmody, Liz       |
|              | Fleming, Graham    |
|              | Fox, Primrose      |
|              | Hanger, Brian      |
|              | Kirkness, Colin    |
|              | Lee, Peter         |
|              | Maddox, Zoee       |
|              | McKirdy, Simon     |
|              | Prescott, Chris    |
|              | Pumpa, Lucy        |
|              | Robinson, Ben      |
|              | Scholefield, Peter |
|              | Smith, Daniel      |
|              | Stearne, Peter     |
|              | Swane, Geoff       |
|              | Syrus, A Kim       |
|              | Van der Ley, John  |
|              |                    |

| Sesame                      | Bennett, Malcolm    |  |
|-----------------------------|---------------------|--|
|                             | Harrison, Peter     |  |
|                             | Imrie, Bruce        |  |
| Sorghum                     | Khan, Akram         |  |
| Soybean                     | Harrison, Peter     |  |
|                             | James, Andrew       |  |
| Spices and Medicinal Plants | Derera, Nicholas AM |  |
|                             | Khan, Akram         |  |
| Stone Fruit                 | Barrett, Mike       |  |
|                             | Cramond, Gregory    |  |
|                             | Darmody, Liz        |  |
|                             | Fleming, Graham     |  |
|                             | Granger, Andrew     |  |
|                             | Kennedy, Peter      |  |
|                             | Mackay, Alistair    |  |
|                             | Maddox, Zoee        |  |
|                             | Malone, Michael     |  |
|                             | Robinson, Ben       |  |
|                             | Scholefield, Peter  |  |
|                             | Swinburn, Garth     |  |
|                             | Valentine, Bruce    |  |
|                             |                     |  |

| Strawberry                  | Herrington, Mark                   |
|-----------------------------|------------------------------------|
|                             | Mitchell, Leslie                   |
|                             | Morrison, Bruce                    |
|                             | Robinson, Ben                      |
|                             | Scholefield, Peter                 |
| Sugarcane                   | Cox, Mike                          |
|                             | Piperidis, George                  |
| Sunflower                   | George, Doug                       |
| Tomato                      | Herrington, Mark                   |
|                             | Khan, Akram<br>Laker, Richard      |
|                             | McMichael, Prue                    |
|                             | Robinson, Ben                      |
|                             | Scholefield, Peter                 |
|                             | Smith, Daniel                      |
| Tree Crops                  | McRae, Tony                        |
| Triticale                   | Collins, David                     |
| Tropical/Sub-Tropical Crops | Harrison, Peter                    |
|                             | Kulkarni, Vinod                    |
|                             | Robinson, Ben                      |
|                             | Scholefield, Peter<br>Whiley, Tony |
|                             |                                    |

| Umbrella Tree                   | Paananen, Ian          |  |
|---------------------------------|------------------------|--|
| Vegetables                      | Derera, Nicholas AM    |  |
|                                 | Fennell, John          |  |
|                                 | Frkovic, Edward        |  |
|                                 | Harrison, Peter        |  |
|                                 | Kirkham, Roger         |  |
|                                 | Khan, Akram            |  |
|                                 | Laker, Richard         |  |
|                                 | Lenoir, Roland         |  |
|                                 | McMichael, Prue        |  |
|                                 | Oates, John            |  |
|                                 | Pearson, Craig         |  |
|                                 | Pumpa, Lucy            |  |
|                                 | Robinson, Ben          |  |
|                                 | Scholefield, Peter     |  |
|                                 | Smith, Daniel          |  |
|                                 | Westra Van Holthe, Jan |  |
| Verbena                         | Paananen, Ian          |  |
| Walnut                          | Mitchell, Leslie       |  |
| Wheat (Aestivum & Durum Groups) | Brouwer, Jan           |  |
|                                 | Collins, David         |  |
|                                 | Khan, Akram            |  |
|                                 | Platz, Greg            |  |
|                                 | Sanders, Milton        |  |

TABLE 2

| NAME<br>Abell, Peter<br>Aberdeen, Ian | <b>TELEPHONE</b> 0438 392 837 mobile 03 5782 1029       | AREA OF OPERATION<br>Australia<br>SE Australia |
|---------------------------------------|---|--|
| Allen, Paul<br>Anderson, Malcolm      | 03 5782 2073 fax<br>07 3824 0263 ph/fax<br>03 5573 0900 | SE QLD, Northern NSW<br>Victoria               |
|                                       | 03 5571 1523 fax  |  |
| Angus, Tim                            | 017 870 252 mobile<br>(64 4) 568 3878 ph/fax            | Australia and New Zealand                      |
|                                       | 001164211871076 mobile                                  |  |
| Armitage, Paul                        | plantatim@zip.co.nz<br>03 9756 7233                     | Victoria                                       |
| Avery, Angela                         | 03 9756 6948 fax<br>02 6030 4500                        | South Eastern Australia                        |
| Barrett, Mike                         | 02 6030 4600 fax<br>02 9875 3087                        | NSW/ACT  |
|                                       | 02 9980 1662 fax  |  |
| Barth, Gail<br>Baxter, Leslie         | 0407 062 494 mobile<br>08 8389 7479<br>03 6224 4481     | SA and Victoria<br>Tasmania                    |
|                                       | 03 6224 4468 fax  |  |
| Bazzani, Luigi                        | 0181 21943 mobile<br>08 9772 1207                       | Western Australia                              |
| Bennett, Malcolm                      | 08 9772 1333 fax<br>08 8973 9733                        | NT, QLD, NSW, WA                               |
| Bestow, Sue                           | 08 8973 9777 fax<br>02 6795 4695                        | Australia                                      |
|                                       | 02 6795 4358 fax  |  |
| Biggs, Eric                           | 0418 953 050 mobile<br>03 5023 2400                     | Mildura Area                                   |
| Brouwer, Jan                          | 03 5023 3922 fax<br>03 53846293                         | South Eastern Australia                        |
|                                       | janbertb@wimmera.com.au                                 |  |

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| Calabria, Patrick                   | 02 6963 6360  | Riverina area of NSW                              |
|-------------------------------------|---|---|
| Chequer, Robert                     | 0438 636 219 mobile<br>03 5382 1269                       | Victoria  |
| Collins, David                      | 0419 145 262 mobile<br>08 9623 2343 ph/fax                | Central Western Wheatbelt of<br>Western Australia |
| Cooper, Katharine                   | 0154 42694 mobile<br>08 8303 6563                         | Australia   |
| Cox, Mike                           | 08 8303 7119 fax<br>07 4132 5200                          | Queensland and NSW                                |
| Cramond, Gregory                    | 07 4132 5253 fax<br>08 8390 0299                          | Australia   |
|                                     | 08 8390 0033 fax  |   |
| Cruickshank, Alan                   | 0417 842 558 mobile<br>07 4160 0722                       | QLD   |
| Cunneen, Thomas                     | 07 4162 3238 fax<br>02 4889 8647                          | Sydney Region                                     |
| Dalgliesh, Ian                      | 02 4889 8657 fax<br>07 3344 5559 ph/fax                   | South East Queensland                             |
| Darmody, Liz                        | 0419 792 663 mobile<br>03 9756 6105                       | Australia   |
| Dawson, Iain<br>Derera, Nicholas AM | 03 9752 0005 fax<br>02 6251 2293<br>02 9639 3072          | ACT, South East NSW<br>Australia                  |
|                                     | 02 9639 0345 fax  |   |
| Downes, Ross                        | 0414 639 307 mobile<br>02 6255 1461 ph                    | ACT, South East Australia                         |
|                                     | 02 6278 4676 fax  |   |
| Dunstone, Bob<br>Easton, Andrew     | 0414 955258 mobile<br>02 6281 1754 ph/fax<br>07 4690 2666 | South East NSW<br>QLD and NSW                     |
| Eggleton, Steve                     | 07 4630 1063 fax<br>03 9876 1097                          | Melbourne Region                                  |
| Ellison, Don<br>Engel, Richard      | 03 9876 1696 fax<br>07 5533 2955<br>08 9397 5941          | QLD and NSW<br>WA                                 |
| Fennell, John                       | 08 9397 5941 fax<br>03 5334 7871                          | Australia   |
|                                     | 03 5334 7892 fax  |   |
|                                     | 0419 881 887  |   |

| Fleming, Graham  | 03 9756 6105                               | Australia  |
|------------------|--|--|
| Foster, Kevin    | 03 9752 0005 fax<br>08 9368 3804           | Mediterranean areas of Australia                           |
| Frkovic, Edward  | 08 9474 2840 fax<br>02 6962 7333           | Australia  |
| George, Doug     | 02 6964 1311 fax<br>07 5460 1308           | Australia  |
| Goulden, David   | 07 5460 1112 fax<br>64 3 325 6400          | New Zealand  |
| Graetz, Darren   | 64 3 325 2074 fax<br>08 8303 9362          | South Australia  |
| Granger, Andrew  | 08 8303 9424 fax<br>08 8389 8809           | South Australia  |
| Greer, Neil      | 08 8389 8899 fax<br>07 5441 1118           | Australia  |
|                  | 07 5476 0098 fax                           |  |
| Guertsen, Paul   | 0418 881 755 mobile<br>02 6845 3789        | NSW, VIC, SE QLD   |
|                  | 02 6845 3382 fax                           |  |
| Hanger, Brian    | 0407 658 105 mobile<br>03 9837 5547 ph/fax | Victoria   |
| Hare, Ray        | 0418 598106 mobile<br>02 6763 1232         | QLD, NSW VIC & SA  |
| Harrison, Peter  | 02 6763 1222 fax<br>08 8948 1894 ph        | Tropical/Sub-tropical Australia, including NT and NW of WA |
|                  | 08 8948 3894 fax                           | and tropical arid areas                                    |
| Hempel, Maciej   | 0407 034 083 mobile<br>02 4628 0376        | NSW, QLD, VIC, SA  |
| Henry, Robert J  | 02 4625 2293 fax<br>02 6620 3010           | Australia  |
| Herrington, Mark | 02 6622 2080 fax<br>07 5441 2211           | Southern Queensland  |
| Hill, Jeff       | 07 5441 2235 fax<br>08 8303 9487           | South Australia  |
| Hockings, David  | 08 8303 9607 fax<br>07 5494 3385 ph/fax    | Southern Queensland  |

| Imrie, Bruce                        | 02 4474 0951   | SE Australia                   |
|-------------------------------------|--|--------------------------------|
|                                     | 02 4474 0952   |                                |
| Iredell, Janet Willa<br>Jack, Brian | imriecsc@sci.net.au<br>07 3202 6351 ph/fax<br>08 9952 5040 | SE Queensland<br>South West WA |
| James, Andrew                       | 08 9952 5053 fax<br>07 3214 2278                           | Australia                      |
| Johnston, Margaret                  | 07 3214 2272 fax<br>07 5460 1240                           | SE Queensland                  |
| Kadkol, Gururaj                     | 07 5460 1455 fax<br>03 5382 1269                           | North Western Victoria         |
| Kennedy, Peter                      | 03 5381 1210 fax<br>02 6382 7600                           | New South Wales                |
| Khan, Akram                         | 02 6382 2228 fax<br>02 9351 8821                           | New South Wales                |
| Kirby, Greg                         | 02 9351 8875 fax<br>08 8201 2176                           | South Australia                |
| Kirby, Neil                         | 08 8201 3015 fax<br>02 4754 2637                           | New South Wales                |
| Kirkham, Roger                      | 02 4754 2640 fax<br>03 5957 1200                           | Victoria                       |
|                                     | 03 5957 1210 fax   |                                |
| Kirkness, Colin                     | 0153 23713 mobile<br>08 9443 1099                          | Perth                          |
| Knights, Edmund                     | 0419 196661 mobile<br>02 6763 1100                         | North Western NSW              |
| Kulkarni, Vinod                     | 02 6763 1222 fax<br>08 9992 2221                           | Australia                      |
| Lake, Andrew                        | 08 9992 2049 fax<br>08 8177 0558                           | SE Australia                   |
|                                     | 0418 818 798 mobile  |                                |
| Laker, Richard                      | lake@arcom.com.au<br>08 87258987                           | Australia                      |
|                                     | 08 8723 0142 fax   |                                |
| Lamont, Greg                        | 0417 855 592 mobile<br>02 8778 5388                        | Sydney region                  |
|                                     | 02 9734 9866 fax   |                                |

| Langford, Garry                     | 03 6266 4344   | Australia   |
|-------------------------------------|--|---|
|                                     | 03 6266 4023 fax   |   |
| Larkman, Clive                      | 0418 312 910 mobile<br>03 9735 3831                        | Victoria  |
|                                     | 03 9739 6370   |   |
| Law, Mary Ann                       | larkman@tpgi.com.au<br>07 4637 9960                        | Toowoomba region                                    |
|                                     | 07 4637 9962 fax   |   |
| Lee, Peter                          | malaw@bigpond.com<br>03 6330 1147                          | SE Australia  |
| Lee, Slade                          | 03 6330 1927 fax<br>02 6620 3410                           | Queensland/Northern New<br>South Wales              |
| Legisa, Anthony                     | 02 6622 2080 fax<br>02 4837 3319                           | NSW   |
| Lenoir, Roland<br>Leske, Richard    | 0412 711 551 mobile<br>02 6231 9063 ph/fax<br>07 4671 3136 | Australia<br>Cotton growing regions of QLD<br>& NSW |
| Light, Kate                         | 07 4671 3113 fax<br>03 5362 2175                           | Victoria  |
| Loch, Don                           | 0419 145 768 mobile<br>07 3286 1488                        | Queensland  |
| Lowe, Greg                          | 07 3286 3094 fax<br>02 4389 8750                           | Sydney, Central Coast NSW                           |
|                                     | 02 4389 4958 fax   |   |
| Lullfitz, Robert<br>Lunghusen, Mark | 0411 327390 mobile<br>08 9447 6360<br>03 5998 2083         | South West WA<br>Melbourne & environs               |
|                                     | 03 5998 2089fax  |   |
| Mackay, Alastair                    | 0407 050 133 mobile<br>08 9310 5342 ph/fax                 | Western Australia                                   |
| Maddox, Zoee                        | 0159 87221 mobile<br>03 9756 6105                          | Australia   |
| Malone, Michael                     | 03 9752 0005 fax<br>+64 6 877 8196                         | New Zealand   |
| Marcsik, Doris                      | +64 6 877 4761 fax<br>08 8999 2017                         | Northern Territory and<br>Queensland                |
|                                     | 08 8999 2049   |   |

| McCarthy, Alec                      | 08 9780 6273  | South West WA                                       |
|-------------------------------------|---|---|
| McKirdy, Simon<br>McMichael, Prue   | 08 9780 6136 fax<br>042 163 8229 mobile<br>08 8373 2488 | Australia<br>SE Australia                           |
| McRae, Tony                         | 08 8373 2442 fax<br>08 8723 0688                        | Australia   |
| Miller, Jeff                        | 08 8723 0660 fax<br>64 6 356 8019 extn 8027             | Manawatu region, New Zealand                        |
| Milne, Carolynn<br>Mitchell, Hamish | 64 3 351 8142 fax<br>07 3206 3509<br>03 9737 9568       | QLD<br>Victoria                                     |
| Mitchell, Leslie                    | 03 9737 9899 fax<br>03 5821 2021                        | VIC, Southern NSW                                   |
| Molyneux, William                   | 03 5831 1592 fax<br>03 5965 2011                        | Victoria  |
| Moore, Stephen                      | 03 5965 2033 fax<br>02 6799 2230                        | NSW   |
| Morrison, Bruce                     | 02 6799 2239 fax<br>03 9210 9251                        | East of Melbourne                                   |
| Mouwen, Heidi                       | 03 9800 3521 fax<br>07 4690 2666                        | QLD, NSW  |
| Neylan, John                        | 07 4630 1063<br>03 9886 6200                            | VIC, NSW, SA  |
| Nichols, David                      | 0413 620 256 mobile<br>03 5977 4755                     | SE Melbourne, Mornington<br>Peninsula and Dandenong |
| Nichols, Phillip                    | 03 5977 4921 fax<br>08 9387 7442                        | Ranges, Victoria<br>Western Australia               |
| Nutt, Bradley                       | 08 9383 9907 fax<br>08 9387 7423/                       | Western Australia                                   |
| Oates, John                         | 08 9383 9907 fax<br>02 4473 8465                        | Sydney region, Eastern Australia                    |
| Owen-Turner, John                   | 07 4129 5217  | Burnett region, Central<br>Queensland region        |
| Paananen, Ian                       | 07 4129 5511 fax<br>02 4381 0051                        | Sydney/Newcastle                                    |
|                                     | 02 4381 0071 fax  |   |
| Parr, Wayne                         | 0412 826589 mobile<br>07 4129 4147                      | QLD, Northern NSW                                   |
|                                     | 07 4129 4463 fax  |   |

| Piperidis, George                  | 07 3331 3373  | QLD, Northern NSW                |
|------------------------------------|---|----------------------------------|
| Platz, Greg                        | 07 3871 0383 fax<br>07 4639 8817                    | QLD, Northern NSW                |
| Porter, Richard                    | 07 4639 8800 fax<br>08 8431 5396                    | Adelaide region, South Australia |
|                                    | 08 8431 5396 fax                                    |                                  |
| Portman, Anthony                   | 0413 270 670 mobile<br>08 9274 5355                 | South-west Western Australia     |
| Portman, Sian                      | 08 9250 1859 fax<br>08 9725 0660                    | Western Australia                |
| Poulsen, David                     | 0421 606 651 mobile<br>07 4661 2944                 | SE QLD, Northern NSW             |
| Prescott, Chris                    | 07 4661 5257 fax<br>03 5998 5100                    | Victoria                         |
|                                    | 03 5998 5333  |                                  |
| Prince, John                       | 0417 340 558 mobile<br>07 5533 0211                 | SE QLD                           |
| Pumpa, Lucy                        | 07 5533 0488 fax<br>08 8373 2488                    | South Australia                  |
|                                    | 08 8373 2422 fax                                    |                                  |
| Quinn, Patrick<br>Richards, Graeme | 0400 041 881 mobile<br>03 5427 0485<br>02 4570 1358 | SE Australia<br>Australia        |
|                                    | 02 4570 1314 fax                                    |                                  |
| Richardson, Clive<br>Roake, Jeremy | 0405 178 211 mobile<br>03 51550255<br>02 9351 8830  | Victoria<br>Sydney Region        |
| Robb, John                         | 02 9351 8875 fax<br>02 4376 1330                    | Sydney, Central Coast NSW        |
|                                    | 02 4376 1271 fax                                    |                                  |
| Robinson, Ben                      | 0199 19252 mobile<br>08 8373 2488                   | SE Australia                     |
| Rose, John                         | 08 8373 2442 fax<br>07 4661 2944                    | SE Queensland                    |
|                                    | 07 4661 5257 fax                                    |                                  |

| Rudolph, Paul                  | 03 5381 2168                                     | Victoria   |
|--------------------------------|--|--|
|                                | 03 5381 1210 fax                                 |  |
| Sanders, Milton                | 0438 083 840 mobile<br>08 9825 8087              | Southern Australia: WA,Vic,<br>NSW, SA                         |
|                                | 08 9387 4388 fax                                 |  |
| Scattini, Walter               | 0427 031 951 mobile<br>07 3356 0863 ph/fax       | Tropical and sub-tropical<br>Australia                         |
| Scholefield, Peter             | 08 8373 2488                                     | SE Australia   |
|                                | 08 8373 2442 fax                                 |  |
| Seidel, John                   | 018 082022 mobile<br>02 6029 2381                | SE Australia   |
| Singh, Deo                     | 0429 039 322 mobile<br>0418 880787 mobile        | Brisbane   |
| Slater, Tony                   | 07 3207 5998 fax<br>03 9210 9222                 | SE Australia   |
|                                | 03 9800 3521 fax                                 |  |
| Smith, Daniel                  | 0408 656 021 mobile<br>08 8373 2488              | South Australia  |
| Smith, Kenneth<br>Smith, Kevin | 08 8373 2442 fax<br>02 4570 9069<br>03 5573 0900 | Australia<br>SE Australia                                      |
| Smith, Stuart                  | 03 5571 1523 fax<br>03 6336 5234                 | SE Australia   |
| Stearne, Peter                 | 03 6334 4961 fax<br>02 9262 2611                 | Sydney, ACT & NSW  |
| Stewart, Angus                 | 02 9262 1080 fax<br>02 4385 9788ph/fax           | Sydney, Gosford  |
| Swane, Geoff                   | 0419 632 123 mobile<br>02 6889 1545              | Central western NSW  |
|                                | 02 6889 2533 fax                                 |  |
| Swinburn, Garth                | 0419 841580 mobile<br>03 5023 4644               | Murray Valley Region - from<br>Swan Hill (Vic) to Waikere (SA) |
| Sykes, Stephen                 | 03 5023 5814 fax<br>03 5051 3100                 | Victoria   |
|                                | 03 5051 3111 fax                                 |  |

| Syrus, A Kim                    | 03 8556 2555                                     | Adelaide                                |
|---------------------------------|--|---|
| Tan, Beng                       | 03 8556 2955 fax<br>08 9266 7168                 | Perth & environs                        |
| Tancred, Stephen                | 08 9266 2495<br>07 4681 2931                     | QLD, NSW                                |
|                                 | 07 4681 4274 fax                                 |   |
| Topp, Bruce                     | 0157 62888 mobile<br>07 4681 1255                | SE QLD, Northern NSW                    |
| Valentine, Bruce                | 07 4681 1769 fax<br>02 6361 3919                 | New South Wales                         |
| Van Der Ley, John               | 02 6361 3573 fax<br>02 6561 5047                 | Sydney to Brisbane and New England area |
|                                 | 02 6561 5138 fax                                 |   |
| Van der Staay, Rosemaree Anne   | 0417 423 768 mobile<br>03 6248 6863              | Tasmania                                |
| Watkins, Phillip                | 03 6248 7402 fax<br>08 9525 1800                 | Perth Region                            |
| Watkinson, Andrew               | 08 9525 1607 fax<br>075 4500750                  | QLD                                     |
| Westra Van Holthe, Jan          | 075 4458838 fax<br>03 9706 3033                  | Australia                               |
| Whiley, Tony<br>Wilkes, Gregory | 03 9706 3182 fax<br>07 5441 5441<br>02 4570 1358 | QLD<br>Sydney region                    |
|                                 | 02 4570 1314 fax                                 |   |
| Wilson, Frances                 | 0418 642 359 mobile<br>64 3 318 8514             | Canterbury, New Zealand                 |
| Wilson, Graeme                  | 64 3 318 8549 fax<br>03 5957 1200                | SE Australia                            |
| Zadow, Diane                    | 03 5957 1210 fax<br>03 5382 1269                 | Victoria                                |
|                                 | 03 5381 1210 fax                                 |   |
|                                 | 0419 145 763 mobile                              |   |

# Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'

# Index of Accredited Non-Consultant "Qualified Persons"

| Name              | Name              |
|-------------------|-------------------|
| Ali, S            | Lowe, Russell     |
| Allen, Antony     | Luckett, David    |
| Baelde, Arie      | Mack, Ian         |
| Baker, Grant      | Mackie, Julie     |
| Bally, Ian        | Mann, Dorham      |
| Barr, Andrew      | Mason, Lloyd      |
| Bell, David       | Matthews, Michael |
| Bernuetz, Andrew  | McCallum, Lesley  |
| Birmingham, Erika | McDonald, David   |
| Brennan, Paul     | McMaugh, Peter    |
| Brewer, Lester    | Mendham, Neville  |
| Brindley, Tony    | Menzies, Kim      |
| Buchanan, Peter   | Miller, Kylie     |
| Bunker, John      | Moody, David      |
| Bunker, Kerry     | Mullins, Kathleen |
| Burne, Peter      | Neilson, Peter    |
| Burton, Wayne     | Newman, Allen     |
| Cameron, Nick     | Norriss, Michael  |
| Cant, Russell     | Oakes, John       |
| Chivers, Ian      | O'Brien, Shaun    |

Clayton-Greene, Kevin Offord, Cathy

Constable, Greg Paull, Jeff

Cook, Esther Pearce, Bob

Craig, Andrew Perrott, Neil

Craigie, Gail Perry, Rebecca

Culvenor, Richard Potter, Trent

Dale, Gary Pressler, Craig

Dawson, Iain Reeve, Christopher

De Betue, Remco Reid, Peter

de Koning, Carolyn Reinke, Russell

Dear, Brian Roberts, Sean

Delaporte, Kate Roche, Matthew

Done, Anthony Rose, Ian

Donnelly, Peter Sanders, Milton

Downe, Graeme Sandral, Graeme

Dryden, Susan Sanewski, Garth

Eastwood, Russell Schreuders, Harry

Eglinton, Jason Scott, Ralph

Eisemann, Robert Siemon, Fran

Elliott, Philip Smith, Raymond

Gibbons, Philip Smith, Malcolm

Granger, Andrew Smith, Susan

Guerin, Jenny Snelling, Cath

Gurciullo, Gaetano Snowball, Richard

Harden, Patrick Song, Leonard

Hawkey, David Stiller, Warwick

Hollamby, Gil Stuart, Peter

Hoppo, Suzanne Sutton, John

Howie, Jake Tonks, John

Hunt, Melissa Trimboli, Daniel

Hurst, Andrea Trigg, Pamela

Irwin, John Tuttleby, Richard

Jackson, Brett Van der Spek, Folke

Jaeger, Milton Vater, Daniel

Janhsen, Joanne Vaughan, Peter

Jupp, Noel Venn, Neil

Kaehne, Ian Warner, Bradley

Katelaris, Andrew Weatherly, Lilia

Kebblewhite, Tony Wei, Xianming

Kempff, Stefan Whalley, RDB

Kennedy, Chris Williams, Rex

Knox, Graham Williams, Thomas

Kobelt, Eric Wilson, Stephen

Lacey, Kevin Wilson, Rob

Leighton, A Winter, Bruce

Leonforte, Antonio Wirthensohn, Michelle

Lewin, Laurence Wright, Gary Lewis, Hartley Yan, Guijun

Loi, Angelo Zeppa, Aldo

## **Appendix 5 - 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

**List of Addresses of Plant Variety Protection Offices in UPOV Member States** 

**Status of Ratification in UPOV Member States** 

#### **Appendix 6 - Centralised Testing Centres**

#### 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 \$800. This is a saving of nearly 40% over the normal fee of \$1400.

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.

#### APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

#### **Conditions and Selection Criteria**

To be authorised as a CTC, the following conditions and criteria will need to be met:

#### Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue

environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

#### **Experienced staff**

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

#### Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

### Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment 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 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. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.

Authorisations for each genus will be reviewed periodically.

### **Authorised Centralised Test Centres (CTCs)**

Following publication of applications 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                            | Facilities  | Name of<br>QP  | Date of accreditation |
|--|--|-------------------------------------|---|----------------|-----------------------|
|  |  | Genera                              |   |                |                       |
| Agriculture<br>Victoria, National<br>Potato<br>Improvement<br>Centre | Toolangi, VIC  | Potato                              | Outdoor,<br>field,<br>greenhouse,<br>tissue<br>culture<br>laboratory  | R Kirkham      | 31/3/97               |
| Bureau of Sugar<br>Experiment<br>Stations                            | Cairns, Tully,<br>Ingham, Ayr,<br>Mackay,<br>Bundaberg,<br>Brisbane<br>QLD | Saccharum                           | Field,<br>glasshouse,<br>tissue<br>culture,<br>pathology  | G Piperidis    | 30/6/97               |
| Ag-Seed Research   | Horsham and other sites  | Canola                              | Field,<br>glasshouse,<br>shadehouse,<br>laboratory<br>and<br>biochemical<br>analyses  | P Rudolph      | 30/6/97               |
| Agriculture<br>Western Australia                                     | Northam  | Wheat                               | Field,<br>laboratory  | D Collins      | 30/6/97               |
| University of<br>Sydney, Plant<br>Breeding Institute                 | WA<br>Camden, NSW  | Argyranthemum,  Diascia, Mandevilla | Outdoor, field, irrigation, greenhouses with controlled microclimates, controlled environment rooms, tissue culture, molecular genetics and cytology lab. | J Oates        | 30/6/97               |
| Boulters Nurseries<br>Monbulk Pty Ltd                                | Monbulk, VIC   | Clematis                            | Outdoor,<br>shadehouse,<br>greenhouse   | M<br>Lunghusen | 30/9/97               |
| Geranium Cottage<br>Nursery  | Galston, NSW   | Pelargonium                         | Field,<br>controlled<br>environment<br>house  | I Paananen     | 30/11/97              |

| Agriculture Victoria                           | Hamilton, VIC            | Perennial ryegrass,<br>tall fescue, tall wheat                               | Field,<br>shadehouse,   | M Anderson       | 30/6/98  |
|--|--------------------------|--|---|------------------|----------|
|  |                          | grass, white clover,<br>Persian clover                                       | glasshouse,<br>growth<br>chambers.<br>Irrigation.<br>Pathology  |                  |          |
|  |                          |  | and tissue<br>culture.<br>Access to<br>DNA and  |                  |          |
|  |                          |  | molecular<br>marker<br>technology.<br>Cold storage.   |                  |          |
| Koala Blooms                                   | Monbulk, VIC             | Bracteantha  | Outdoor,<br>irrigation  | M<br>Lunghusen   | 30/6/98  |
| Redlands Nursery                               | Redland Bay, QLD         | Aglaonema  | Outdoor,<br>shadehouse,<br>glasshouse<br>and indoor<br>facilities   | K Bunker         | 30/6/98  |
| Protected Plant<br>Promotions                  | NSW                      | New Guinea<br>Impatiens including<br>Impatiens<br>hawkeri and its<br>hybrids | Glasshouse  |                  | 30/9/98  |
| Jniversity of<br>Queensland,<br>Gatton College | Lawes, QLD               | Some tropical pastures   | Field,<br>irrigation,<br>glasshouse,<br>small<br>phytotron,<br>plant<br>nursery &<br>propagation,<br>tissue<br>culture,<br>seed and<br>chemical<br>lab, cool<br>storage | To be<br>advised | 30/9/98  |
| lan and Peter<br>redell                        | Moggill, QLD             | Bougainvillea  | Outdoor,<br>shadehouse  | J Iredell        | 30/9/98  |
| Protected Plant<br>Promotions                  | Macquarie Fields,<br>NSW | Verbena  | Glasshouse  | I Paananen       | 31/12/98 |
| Avondale<br>Nurseries Ltd                      | Glenorie, NSW            | Agapanthus   | Greenhouse,<br>tissue<br>culture with<br>commercial<br>partnership  | I Paananen       | 31/12/98 |
| Paradise Plants                                | Kulnura, NSW             | Camellia, Lavandula,<br>Osmanthus,<br>Ceratopetalum                          | Field,<br>glasshouse,<br>shadehouse,<br>irrigation,<br>tissue<br>culture lab  | J Robb           | 31/12/98 |
| Prescott Roses                                 | Berwick, VIC             | Rosa   | Field,<br>controlled<br>environment<br>greenhouses  | C Prescott       | 31/12/98 |

| F & I Baguley Flower and Plant Growers                                 | Clayton South,           |  | glasshouses,<br>quarantine<br>facilities,   |                     | 31/3/99  |
|--|--------------------------|--|---|---------------------|----------|
|  | Kulnura, NSW             | Limonium,<br>Raphiolepis,<br>Eriostemon,                         | tissue culture Field, glasshouse, shadehouse, irrigation, tissue culture lab          | !                   | 30/6/00  |
|  |                          | Jasminum   |   |                     |          |
|  | Macquarie Fields,<br>NSW | Angelonia  | Glasshouse  | I Paananen          | 30/6/00  |
| Carol's Propagation  | Alexandra Hills,<br>QLD  |  | wide range  | C Milne<br>D Singh  | 30/6/00  |
| Queensland Department of Primary Industries, Redlands Research Station | Cleveland, QLD           | other selected warm<br>season-season turf<br>and amenity species |   | D Loch              | 30/9/00  |
|  | Kulnura, NSW             |  | Field beds,<br>irrigation,<br>shade<br>house,<br>propagation<br>house, cool<br>rooms, | I Dawson            | 31/12/00 |
| Ramm Pty Ltd   | Macquarie Fields,<br>NSW | Petunia, Calibrachoa   | Glasshouse  |                     | 31/12/00 |
| NSW Agriculture  | Temora                   | Avena  |   | J Oates<br>P Breust | 31/3/01  |
| Bywong Nursery   | Bungendore NSW           | ' '  | Field,<br>shadehouse,<br>greenhouse   | P<br>Ollerenshaw    | 31/3/01  |
| S J Saperstein   | Mullumbimby<br>NSW       | Rhododendron (vireya types)                                      | Field and   | S<br>Saperstein     | 31/12/01 |
|  | Redland Bay, QLD         | Osteospermum,<br>Rhododendron                                    |   |                     | 31/3/02  |
|  | Macquarie Fields,<br>NSW | Euphorbia  | Glasshouse  | I Paananen          | 31/3/02  |

| Oasis Horticulture  | Springwood              | Impatiens, Euphorbia | AQIS  | В                | 30/9/02   |
|---|-------------------------|----------------------|---|------------------|-----------|
| Pty Ltd   | - Fringwood             | mpations, Euphorbia  | accredited quarantine   | Sidebottom       | 007 77 02 |
|   |                         |                      | facilities;<br>glasshouse,<br>shadehouse,   | A Bernuetz       |           |
|   |                         |                      | field, tissue culture   | M Hunt           |           |
|   |                         |                      |   | N Derera         |           |
|   |                         |                      |   | T Angus          |           |
| Carol's Propagation   | Alexandra Hills,<br>QLD | Dahlia               | Field beds,<br>wide range<br>of<br>comparative<br>varieties   | C Milne D Singh  | 31/12/03  |
| Carol's Propagation   | Brookfield, QLD         | Anubias              | Glasshouse  | C Milne          | 31/3/04   |
|   |                         |                      | specifically<br>designed for<br>aquatic<br>plants   | D Singh          |           |
| Queensland<br>Department of<br>Primary<br>Industries,<br>Maroochy<br>Research Station | Nambour, QLD            | Ananas               | Field, plots,<br>pots,<br>shadehouse,<br>temperature<br>controlled<br>glasshouse<br>and tissue<br>culture lab   | G.<br>Sanewski   | 31/3/04   |
| Abulk Pty Ltd   | Clarendon, NSW          | Dianella             | Normal<br>nursery<br>facilities<br>with access<br>to micro<br>propagation.  | I Paananen       | 31/3/04   |
| Proteaflora<br>Nursery Pty Ltd  | Monbulk,<br>VIC         | Plectranthus         | Fogged  | Paul<br>Armitage | 30/6/04   |
| Berrimah<br>Agricultural<br>Research Centre   | Darwin                  | Zingiber             | Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services | D Marcsik        | 30/9/04   |

| Ball Australia                             | Keysborough, VIC | Impatiens, Verbena | climate<br>glasshouse<br>and<br>environment<br>rooms,<br>germination<br>chamber,<br>quarantine<br>house, cool<br>storage,                    | D. Nichols | 30/9/04  |
|--|------------------|--------------------|--|------------|----------|
|  |                  |                    | irrigation<br>and outdoor<br>facilities.   |            |          |
| Floreta Pty Ltd                            | Redland Bay QLD  | Bracteantha        | Purpose<br>built, secure<br>greenhouse,<br>access to<br>fog house,<br>registered<br>quarantine<br>facility on<br>site.                       | K Bunker   | 31/12/04 |
| Boulevarde<br>Nurseries Mildura<br>Pty Ltd | Irymple<br>VIC   | Zantedeschia       | Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, quarantine facilities | K Mullins  | 31/12/04 |
| Buchanan's<br>Nursery                      | Hodgsonvale, QLD | Prunus             | Outdoor<br>facilities<br>including a<br>collection of<br>90 varieties<br>of common<br>knowledge.   | P Buchanan | 31/12/04 |

The following applications are pending:

| Name                | Location      | Genera applied | Facilities             | Name of QP |
|---------------------|---------------|----------------|------------------------|------------|
|                     |               | for            |                        |            |
| Yates Botanical Pty | Somersby and  | Rosa           | Tissue culture lab,    | I Paananen |
| Ltd                 | Tuggerah, NSW |                | glasshouse, quarantine |            |
|                     |               |                | and nursery facilities |            |

Comments (both 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:

The Registrar Plant Breeder's Rights Office IP Australia PO Box 200 Woden, ACT 2606 Fax (02) 6283 7999

Closing date for comment 30 Jun 2005.

### **Appendix 7 - List of Plant Classes for Denomination Purposes**

### [Recommendation 9

For the purposes of the fourth sentence of Article 13(2) of the Convention, all taxonomic units are considered closely related that belong to the same botanical genus or are contained in the same class in the list in Annex I to these Recommendations.]

**Note:** Classes which contain subdivisions of a genus may lead to the existence of a complementary class containing the other subdivisions of the genus concerned (example: Class 9 (Vicia faba) leads to the existence of another class containing the other species of the genus Vicia).\*

Class 1: Avena, Hordeum, Secale, xTriticosecale, Triticum

Class 2: Panicum, Setaria

Class 3: Sorghum, Zea

**Class 4:** Agrostis, Alopecurus, Arrhenatherum, Bromus, Cynosurus, Dactylis, Festuca, Lolium, Phalaris, Phleum, Poa, Trisetum

Class 5: Brassica oleracea, Brassica chinensis, Brassica pekinensis

Class 6: Brassica napus, B. campestris, B. rapa, B. juncea, B. nigra, Sinapis

Class 7: Lotus, Medicago, Ornithopus, Onobrychis, Trifolium

Class 8: Lupinus albus L., L. angustifolius L., L. luteus L.

Class 9: Vicia faba L.

Class 10: Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima

Class 11: Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: Beta vulgaris L. var. rubra L.), Beta vulgaris L. var. cicla L., Beta vulgaris L. ssp. vulgaris var. vulgaris

Class 12: Lactuca, Valerianella, Cichorium

Class 13: Cucumis sativus

Class 14: Citrullus, Cucumis melo, Cucurbita

Class 15: Anthriscus, Petroselinum

Class 16: Daucus, Pastinaca

Class 17: Anethum, Carum, Foeniculum

Class 18: Bromeliaceae

Class 19: Picea, Abies, Pseudotsuga, Pinus, Larix

Class 20: Calluna, Erica

Class 21: Solanum tuberosum L.

Class 22: Nicotiana rustica L., N. tabacum L.

Class 23: Helianthus tuberosus

Class 24: Helianthus annuus

Class 25: Orchidaceae

Class 26: Epiphyllum, Rhipsalidopsis, Schlumbergera, Zygocactus

Class 27: Proteaceae

### **Complementary Classes**

Class 28: Species of Brassica other than

(in Class 5 + 6) Brassica oleracea, Brassica chinensis, Brassica pekinensis + Brassica napus, B. campestris, B. rapa, B. juncea, B. nigra, Sinapis

Class29: Species of Lupinus other than

(in Class 8) Lupinus albus L., L. angustifolius L., L. luteus L.

Class30: Species of Vicia other than

(in Class 9) Vicia faba L.

Class 31: Species of Beta + subdivisions of the species Beta vulgaris other than

(in Class 10 +11) Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima + Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: Beta vulgaris L. var. rubra L.), Beta vulgaris L. var. cicla L., Beta vulgaris L. ssp. vulgaris var. vulgaris

Class 32: Species of Cucumis other than

(in Class 13 + 14) Cucumis sativus + Citrullus, Cucumis melo, Cucurbita

Class 33: Species of Solanum other than

(in Class 21) Solanum tuberosum L.

Class 34: Species of Nicotiana other than

(in Class 22) Nicotiana rustica L., N. tabacum L.

Class 35: Species of Helianthus other than

(in Class 23 + 24) Helianthus tuberosus + Helianthus annuus

<sup>1</sup> From UPOV RECOMMENDATIONS ON VARIETY DENOMINATIONS, Adopted by The Council of UPOV on October 16, 1987, and amended on October 25, 1991

<sup>\*</sup> The complementary classes have been added by the Office of the Union for the convenience of the reader and are given the numbers 28 to 35.

### **Appendix 8 - 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

These Registers are kept in the Library of PBR Office in Canberra

Phone 1300 65 10 10

\* 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://www.daff.gov.au/content/pbr\_database/search.cfm

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