



TWO/35/12

ORIGINAL: English

DATE: November 2, 2002

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**TECHNICAL WORKING PARTY
FOR
ORNAMENTAL PLANTS AND FOREST TREES**

**Thirty-Fifth Session
Quito, November 18 to 22, 2002**

**WORKING PAPER ON DRAFT TECHNICAL GUIDELINES FOR
EVERLASTING DAISY, STRAWFLOWER
(*Bracteantha* A. N. S.)**

Document prepared by experts from Australia

The attached document TG/BRACTE(proj.1) already incorporates the standard wording of document TGP/7.2, which was adopted by the Technical Committee at its thirty-eighth session in April 2002, and includes some additional standard wording from document TGP/7.1 Draft 1, also agreed at that session.

[Document TG/BRACTE(proj.1) follows]



TG/BRACTE(proj.1)(TWO/35/12)

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA



GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

Alternative Names: *

| Latin | English | French | German | Spanish |
|----------------------------|----------------------------------|--------|--------|---------|
| <i>Bracteantha</i> Anderb. | Everlasting Daisy Strawflower | | | |

ASSOCIATED DOCUMENTS

These guidelines should be read in conjunction with document TG/1/3, "General Introduction to the Examination of Distinctness, Uniformity and Stability and the Development of Harmonized Descriptions of New Varieties of Plants" (hereinafter referred to as the "General Introduction") and its associated "TGP" documents.

* These names were correct at the time of the introduction of these Test Guidelines but may be revised or updated. [Readers are advised to consult the UPOV Code, which can be found on the UPOV Website (www.upov.int), for the latest information.]

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1. SubjectoftheseGuidelines

These Test Guidelines apply to all varieties of *Bracteantha* Anderb. of the family Asteraceae.

2. MaterialRequired

2.1 The competent authorities decide on the quantity and quality of the plant material required for testing the variety and when and where it is to be delivered. Applicants submitting material from a State other than that in which the testing takes place must ensure that all customs formalities and phytosanitary requirements are complied with.

2.2 The material is to be supplied in the form of non-budded rooted cuttings.

2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

for vegetatively propagated varieties: 25 non-budded rooted cuttings.

2.4 The plant material supplied should be visibly healthy, not lacking in vigor, nor affected by any important pest or disease.

2.5 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If it has been treated, full details of the treatment must be given. It should preferably not be obtained from *in vitro* propagation. If it has been produced by *in vitro* propagation this must be declared.

3. MethodofExamination

3.1 *DurationofTests*

The minimum duration of tests should normally be a single growing cycle.

3.2 *TestingPlace*

The tests should normally be conducted at one place. If any characteristics of the variety, which are relevant for the examination of DUS, cannot be seen at that place, the variety may be tested at an additional place.

3.3 *ConditionsforConductingtheExamination*

3.3.1 The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination. In particular, the observations should be made on 3 to 6 month-old plants.

3.3.2 Characteristics containing the following notes in the second column of the Table of Characteristics should be examined as indicated below:

- a Characteristics to be observed when one third of florets have opened in the most advanced flower.
- b Observations on plant height should be made from soil level to the level of the highest terminal bud.
- c Observations on leaves should be made on fully expanded leaves from the middle part of the shoots.
- d Observations on flower bud color should be made on the largest bud immediately prior to reflexing of the lower bracts. Remove a bract from the middle third of the bud and measure the color from the middle third of the outside of the bract.
- e Characteristic to be observed when one third of florets have opened.
- f Bract size, bract color and pappus color should be recorded after removing bracts from the capitulum. For observation on bract size, remove a bract from the middle row of the involucre. For observations on bract color of varieties with a one-colored involucre, remove a bract from the middle row of the involucre. For observations on bract color of varieties with a bi-colored involucre, remove a bract from the middle row of each colored group of bracts in the involucre.
- g Observations on floret color should be made on the outer florets before the florets have opened.

3.3.3 Because daylight varies, color determinations made against a color chart should be made either in a suitable cabinet providing artificial daylight or in the middle of the day in a room without direct sunlight. The spectral distribution of the illuminant for artificial daylight should conform with the CIE Standard of Preferred Daylight D 6500 and should fall within the tolerances set out in the British Standard 950, Part I. These determinations should be made with the plant part placed against a white background.

3.4 *Test Design*

3.4.1 The design of the tests should be such that plants or parts of plants may be removed for measurement or counting without prejudice to the observations which must be made up to the end of the growing cycle.

3.4.2 Each test should be designed to result in a total of at least 10 plants.

3.5 *Number of Plants/Parts of Plants to be Examined*

Unless otherwise indicated, all observations determined by measuring or counting should be made on 10 plants or part taken from each of 10 plants.

3.6 *Additional Tests*

Additional tests, for examining relevant characteristics, may be established.

4. Assessment of Distinctness, Uniformity and Stability

4.1 *Distinctness*

4.1.1 General Recommendations

It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding distinctness. However, the following points are provided for elaboration or emphasis in these Test Guidelines.

4.1.2 Consistent Differences

The minimum duration of tests recommended in section 3.1 reflects, in general, the need to ensure that any differences in a characteristic are sufficiently consistent.

4.1.3 Clear Differences

Determining whether a difference between two varieties is clear depends on many factors, and should consider, in particular, the type of expression of the characteristic being examined, i.e. whether it is expressed in a qualitative, quantitative, or pseudo-qualitative manner. Therefore, it is important that users of these Test Guidelines are familiar with the recommendations contained in the General Introduction prior to making decisions regarding distinctness.

4.2 *Uniformity*

4.2.1 It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding uniformity. However, the following points are provided for elaboration or emphasis in these Test Guidelines.

4.2.2 The acceptable number of off-type tolerate di as a sample size of 10 plants is 1 on the basis of a population standard of 1% and an acceptance probability of 95%.

4.3 *Stability*

4.3.1 In practice, it is not usual to perform tests of stability that produce results as certain as those of the testing of distinctness and uniformity. However, experience has demonstrated that, for many types of variety, when a variety has been shown to be uniform, it can also be considered to be stable.

4.3.2 Where appropriate, or in cases of doubt, stability may be tested, either by growing a further generation, or by testing a new seed or plant stock to ensure that it exhibits the same characteristics as those shown by the previous material supplied.

5. Grouping of Varieties and Organization of the Growing Trial

5.1 The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate the assessment of distinctness is aided by the use of grouping characteristics.

5.2 Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with others such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness; and (b) to organize the growing trials so that similar varieties are grouped together.

5.3 The following have been agreed as useful grouping characteristics:

- (a) Plant: type (characteristic 1)
- (b) Leaf: variegation (characteristic 11)
- (c) Involucre: number of colors (characteristic 25)
- (d) Involucre: main color (characteristic 26)

Gr.1: white

Gr.2: yellow

Gr.3: orange

Gr.4: pink

Gr.5: red

5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction.

6. Introduction to the Table of Characteristics

6.1 *Categories of Characteristics*

6.1.1 Standard Test Guidelines Characteristics

Standard Test Guidelines characteristics are those which are approved by UPOV for examination of DUS and from which members of the Union can select those suitable for their particular circumstances.

6.1.2 Asterisked Characteristics

Asterisked characteristics (denoted by *) are those included in the Test Guidelines which are important for the international harmonization of variety descriptions and should always be examined for DUS and included in the variety description by all members of the Union, except when the state of expression of a preceding characteristic or regional environmental conditions render this inappropriate.

6.2 *States of Expression and Corresponding Notes*

States of expression are given for each characteristic to define the characteristic and to harmonize descriptions. Each state of expression is allocated a corresponding numerical note for ease of recording of data and for the production and exchange of the description.

6.3 *Types of Expression*

An explanation of the types of expression of characteristics (qualitative, quantitative and pseudo-qualitative) is provided in the General Introduction.

6.4 *Example Varieties*

Where appropriate, example varieties are provided to clarify the states of expression of each characteristic.

6.5 *Legend*

(*) Asterisked characteristic –see Section 6.1.2

(QL) Qualitative characteristic –see Section 6.3

(QN) Quantitative characteristic –see Section 6.3

(PQ) Pseudo-Qualitative characteristic –see Section 6.3

(+) See Explanations on the Table of Characteristics in Chapter 8.

a to **g** –Method of Observation –see Section 3.3.2

7. Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tablă de caractere

| MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|------------------|--|--|---------|---------|--|---------------|
| 1. (*) | Plant: type | | | | | |
| | bushy | | | | | 1 |
| | basal clusters | | | | <i>Wanetta Sunray??</i> | 2 |
| 2. | Plant: growth habit: bushy types only | | | | | |
| | erect | | | | <i>Colourburst Pink ??</i> | 1 |
| | semi-erect | | | | <i>Gold'n'Bronze??</i> | 2 |
| | horizontal | | | | | 3 |
| 3. (+) | a Plant: height b | | | | | |
| | short | | | | | 3 |
| | medium | | | | <i>Sunraysia Splendour</i> | 5 |
| | tall | | | | <i>Cockatoo</i> | 7 |
| 4. | Plant: density | | | | | |
| | sparse | | | | <i>Gold'n'Bronze</i> | 3 |
| | medium | | | | <i>Colourburst Gold, Colourburst Pink</i> | 5 |
| | dense | | | | <i>Sunraysia Splendour, Menindee Magic</i> | 7 |
| 5. | Stem: hairiness | <i>Note: To be deleted if correlated with ch. 13</i> | | | | |
| | absent or slightly hairy | | | | | 1 |
| | moderately hairy | | | | | 2 |
| | strongly hairy | | | | | 3 |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota | |
|-----------|----------|---|--|---------|---------|--|---------------|--|
| 6. | c | Leaf:length | <i>Note:developfurther explanationsfor observationsofleaves ons temlessvarieties</i> | | | | | |
| (+) | | veryshort | | | | | 1 | |
| | | short | | | | BroomePearl,Argyle Star | 3 | |
| | | medium | | | | Cockatoo,Spectrum | 5 | |
| | | long | | | | | 7 | |
| | | verylong | | | | | 9 | |
| 7. | c | Leaf:width | | | | | | |
| (+) | | narrow | | | | Gold'n'Bronze | 3 | |
| | | medium | | | | CoolgardieGold, Spectrum | 5 | |
| | | broad | | | | | 7 | |
| 8. | c | Leaf:ratiolength/ width | | | | | | |
| (+) | | small | | | | Gold'n'Bronze | 3 | |
| | | medium | | | | | 5 | |
| | | large | | | | | 7 | |
| 9. | c | Leaf:positionof broadestpart | | | | | | |
| (+) | | belowmidpoint | | | | | 1 | |
| | | atmidpoint | | | | | 2 | |
| | | abovemidpoint | | | | | 3 | |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota | |
|------------|----------|-------------------------------------|----------|---------|---------|--|---------------|--|
| 10. | c | Leaf:shape of apex | | | | | | |
| (+) | | acuminate | | | | | 1 | |
| | | acute | | | | | 2 | |
| | | obtuse | | | | | 3 | |
| | | rounded | | | | | 4 | |
| 11. | c | Leaf:variegation | | | | | | |
| (*) | | | | | | | | |
| (+) | | absent | | | | | 1 | |
| | | present | | | | | 9 | |
| 12. | c | Leaf:main color of upperside | | | | | | |
| (+) | | yellowgreen | | | | ColourburstGold, ColourburstPink | 1 | |
| | | lightgreen | | | | MenindeeMagic | 2 | |
| | | mediumgreen | | | | Gold'n'Bronze | 3 | |
| | | darkgreen | | | | CoolgardieGold | 4 | |
| | | greygreen | | | | | 5 | |
| 13. | c | Leaf:hairiness of upperside | | | | | | |
| (+) | | absent or slightly hairy | | | | | 1 | |
| | | moderately hairy | | | | | 2 | |
| | | strongly hairy | | | | | 3 | |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|-----|----------|---|--|---------|---------|--|---------------|
| 14. | c | Leaf:hairiness of underside | | | | | |
| (+) | | | <i>Note: Check if stem hairiness and hairiness of flower side of leaf is correlated. If so, delete ch. 4</i> | | | | |
| | | absent or slightly hairy | | | | | 1 |
| | | moderately hairy | | | | | 2 |
| | | strongly hairy | | | | | 3 |
| 15. | a | Leaf: undulation of margin | | | | | |
| (+) | c | | | | | | |
| | | absent or very weak | | | | | 1 |
| | | weak | | | | | 3 |
| | | medium | | | | Spectrum | 5 |
| | | strong | | | | | 7 |
| 16. | | Flowering shoot: length | | | | | |
| (+) | | | | | | | |
| | | short | | | | Coolgardie Gold | 3 |
| | | medium | | | | Broome Pearl | 5 |
| | | long | | | | Gold'n'Bronze | 7 |
| 17. | | Flowering shoot: branching | | | | | |
| (+) | | | | | | | |
| | | absent | | | | | 1 |
| | | present | | | | | 9 |
| 18. | | Flower bud: lateral view of apex | | | | | |
| (+) | | | | | | | |
| | | pointed | | | | Dargan Hill Monarch White | 1 |
| | | rounded | | | | Gold'n'Bronze | 2 |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedadesejemplo | Note/ Nota |
|-----|----------|---|----------|---------|---------|---|---------------|
| 19. | d | Flowerbu d:main color | | | | | |
| (+) | e | | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 20. | a | Flowerhead: predominant positioninrelation tofoliage | | | | | |
| (+) | | | | | | | |
| | | below | | | | CoolgardieGold?? | 1 |
| | | level | | | | DarganHillWhite | 2 |
| | | above | | | | Gold'n'Bronze,Pink Star,D arganHillApricot | 3 |
| | | farabove | | | | WanettaSunray | 4 |
| 21. | e | Flowerhead: diameter | | | | | |
| (+) | | | | | | | |
| | | verysmall | | | | PinkSunrise | 1 |
| | | small | | | | NullaborFlame, Gold'n'Bronze | 3 |
| | | medium | | | | BroomePearl, GoldenBowerbird | 5 |
| | | large | | | | Nielsen'sGold | 7 |
| | | verylarge | | | | <i>examplevariety</i> | 9 |
| 22. | e | Flowerhead: lateralviewof lowerpart | | | | | |
| (+) | | | | | | | |
| | | concave | | | | | 1 |
| | | flat | | | | DarganHillMonarch White | 2 |
| | | convex | | | | ArgyleStar, ColourburstGold | 3 |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedadesejemplo | Note/ Nota |
|------------|----------|--|----------|---------|---------|---|---------------|
| 23. | e | Flowerhead: lateralviewof upperpart | | | | | |
| (+) | | concave | | | | ArgyleStar | 1 |
| | | flat | | | | DarganHillMonarch White | 2 |
| | | convex | | | | ColourburstGold | 3 |
| 24. | e | Flowerhead: numberofbracts | | | | | |
| | | few | | | | CitronSpice | 3 |
| | | medium | | | | ArgyleStar | 5 |
| | | many | | | | CoolgardieGold | 7 |
| 25. | | Involucre:number ofcolors | | | | | |
| (*) | | onlyone | | | | LemonColourburst | 1 |
| | | morethanone | | | | | 2 |
| 26. | | Involucre:main color | | | | | |
| (*) | | white | | | | | 1 |
| | | yellow | | | | | 2 |
| | | orange | | | | | 3 |
| | | pink | | | | | 4 |
| | | red | | | | | 5 |
| 27. | e | Bract:length | | | | | |
| (+) | f | short | | | | | 3 |
| | | medium | | | | DarganHillWhite | 5 |
| | | long | | | | PrincessofWales | 7 |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota | |
|------------|----------|---|-----------------------------|---------|---------|--|---------------|--|
| 28. | e | Bract:width | | | | | | |
| (+) | f | | | | | | | |
| | | narrow | | | | GoldenYellow | 3 | |
| | | medium | | | | PrincessofWales, DarganHillWhite | 5 | |
| | | broad | | | | | 7 | |
| 29. | e | Bract:ratio length/width | | | | | | |
| (+) | f | | | | | | | |
| | | low | aslo ngasbroad | | | | 3 | |
| | | medium | twiceaslongasbroad | | | DarganHillApricot | 5 | |
| | | high | threetimesaslongas broad | | | DarganHillWhite | 7 | |
| | | | fourtimesaslongas broad | | | SweetSensation | | |
| 30. | e | Bract:maincolor of lowerthirdof | | | | | | |
| (+) | f | bractfrom inner thirdofinvolucre | | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | | |
| 31. | e | Bract:maincolor of middlethirdof | | | | | | |
| (+) | f | bractfrom inner thirdofinvolucre | | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | | |
| 32. | e | Bract:maincolor of upperthirdof | | | | | | |
| (+) | f | bractfrom inner thirdofinvolucre | | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | | |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|-----|----------|--|----------|---------|---------|--|---------------|
| 33. | e | Bract:maincolor of <u>lower</u>thirdof | | | | | |
| (+) | f | bractfrom <u>middle</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 34. | e | Bract:maincolor of <u>middle</u>thirdof | | | | | |
| (+) | f | bractfrom <u>middle</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 35. | e | Bract:maincolor of <u>upper</u>thirdof | | | | | |
| (+) | f | bractfrom <u>middle</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 36. | e | Bract:maincolor of <u>lower</u>thirdof | | | | | |
| (+) | f | bractfrom <u>outer</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 37. | e | Bract:maincolor of <u>middle</u>thirdof | | | | | |
| (+) | f | bractfrom <u>outer</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |
| 38. | e | Bract:maincolor of <u>upper</u>thirdof | | | | | |
| (+) | f | bractfrom <u>outer</u>thirdofinvolucre | | | | | |
| | | RHSColourChart (indicatereference number) | | | | | |

| | MoE | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota | |
|-----|----------|---|----------|---------|---------|--|---------------|--|
| 39. | e | <u>Varieties with one - colored involucre</u> | | | | | | |
| | f | <u>only: Bract: main color of middle third of bract</u> | | | | | | |
| | | RHSColourChart (indicator reference number) | | | | | | |
| 40. | e | <u>Varieties with bi - colored involucre</u> | | | | | | |
| | f | <u>only: Bract: main color of middle third of upper bracts</u> | | | | | | |
| | | RHSColourChart (indicator reference number) | | | | | | |
| 41. | e | <u>Varieties with bi - colored involucre</u> | | | | | | |
| | f | <u>only: Bract: main color of middle third of lower bracts</u> | | | | | | |
| | | RHSColourChart (indicator reference number) | | | | | | |
| 42. | e | Pappus: color | | | | | | |
| | f | | | | | | | |
| | | white | | | | ColourburstPink | 1 | |
| | | yellowgreen | | | | | 2 | |
| | | yellow | | | | ColourburstGold | 3 | |

8. ExplanationsontheTableofCharacteristics

Ad.3:Plant:height

Measureathighestpartofplantwhenone thirdoflorets haveopenedinthemost advanced flower[orwordingasinGerbera].

Ad.6 –Ad.15 :

Blurbonallleafmeasurements.

Ad.6:Leaf:length

Ad.7:Leaf:width

Ad.8:Leaf:ratiolength/width

Ad.9:Leaf:positionofbroadestpart

ProvidetwoillustrationsofEACHstatetoclarifycharacteristic

Ad.10:Leaf:shapeofapex

Ad.16:Flowershoot:length

Illustration

Ad.17:Flowershoot:branching

Illustration

Ad.18:Flowerbud:lateralviewofapex

Illustration

Ad.21:Flowerhead:diameter

Illustration

Ad.22:Flowerhead:lateralviewoflowerpart

Illustration

Ad.23:Flowerhead:lateralviewofupperpart

Illustration

Adnew* Explanationofhowtoassesstobeprovided.
Ad2?

Ad.27:Bract: length
Ad.28:Bract:width

Recordafterremovingbractsfromthecapitulum. Removebractfromthemidlerowofthe involucre.Tobeassessed whenonet hirdoffloretshaveopened.

Ad.new** AsAd27,28

Ad.new** Explanationofhowtoassesstob eprovided.

9. Literature

Clarke,I.,Lee,H.,1989:NamethatFlower,MelbourneUniversityPress,Melbourne,260pp.

Harden, G.J., 1992: Flora of New South Wales, Volume 3, New South Wales University Press,Kensington,pp.236 -237.

10. Technical Questionnaire

| | | |
|--|--|---|
| TECHNICALQUESTIONNAIRE | Page { x } of { y } | ReferenceNumber: |
| | | Applicationdate: (nottobefilledinbytheapplicant) |
| TECHNICALQUESTIONNAIRE tobecompletedinconnectionwithanapplicationforplantbreeders' rights | | |
| 1. Subject of the Technical Questionnaire | | |
| 1.1 LatinName | <input type="text" value="BracteanthaAnderb."/> | |
| 1.2 CommonName | <input type="text" value="EVERLASTINGDAISY, STRAWFLOWER"/> | |
| 2. Applicant | | |
| Name | <input type="text"/> | |
| Address | <input type="text"/> | |
| TelephoneNo. | <input type="text"/> | |
| FaxNo. | <input type="text"/> | |
| E-mailaddress | <input type="text"/> | |
| Breeder(ifdiffer entfromapplicant) | <input type="text"/> | |
| 3. Proposeddenominationandbreeder'sreference | | |
| Proposeddenomination (ifavailable) | <input type="text"/> | |
| Breeder'sreference | <input type="text"/> | |

| | | |
|------------------------|--------------|------------------|
| TECHNICALQUESTIONNAIRE | Page{x}of{y} | ReferenceNumber: |
|------------------------|--------------|------------------|

4. Informationonthebreedingschemeandpropagationofthevariety

4.1 BreedingScheme

4.1.1 Varietyresultingfrom:

- (a) controlledcross
(pleasestateparentvarieties)
- (b) partiallyunknowncross
(pleasestateknownparentvariety(ies))
- (c) totallyunknowncross

4.1.2 Mutation
(pleasestateparentvariety)

4.1.3 Discovery
(pleasestatewhere,whenandhowdeveloped)

4.1.4 Other
(pleaseprovidedetails)

4.2 MethodofPropagatingtheVariety

- (a) cuttings
- (b) *invitro* propagation
- (c) other(statemethod)

5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

| Characteristics | ExampleVarieties | Note |
|-----------------------|------------------------|------|
| 5.1 Plant:type | | |
| (1) | | |
| bushy | | 1[] |
| basalclusters | <i>WanettaSunray??</i> | 2[] |

| | | |
|------------------------|--------------|------------------|
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| | Characteristics | ExampleVarieties | Note |
|--------------|--|------------------------|------|
| 5.2 | Leaf:variegation | | |
| (11) | | | |
| | absent | | 1[] |
| | present | | 9[] |
| 5.3 | Involucre:numberofcolors | | |
| (25) | | | |
| | onlyone | LemonColourburst | 1[] |
| | morethanone | | 2[] |
| 5.4 | Involucre:mainc olor | | |
| (26) | | | |
| | white | | 1[] |
| | yellow | | 2[] |
| | orange | | 3[] |
| | pink | | 4[] |
| | red | | 5[] |
| 5.5i | <u>Varietieswithone -coloredinvolucreonly</u> :Bract: | | |
| (39) | maincolorof <u>middlethird</u> ofbract | | |
| | RHSColourChart(indicatereferencenumber | | |
| | | | |
| 5.5ii | <u>Varietieswithone -coloredinvolucreonly</u> :Bract: | | |
| (39) | maincolorof <u>middlethird</u> ofbract | | |
| | white | DarganHillMonarchWhite | 1[] |
| | yellow | LemonColourburst | 2[] |
| | orange | | 3[] |
| | pink | | 4[] |
| | red | ColourburstPink | 5[] |

| | | |
|------------------------|--------------|------------------|
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5.6i Varietieswith hbi -coloredinvolucreonly :Bract:
(40) maincolorofmiddlethirdof upperbracts

RHSColourChart(indicatorreferencenumber

5.6ii Varietieswithbi -coloredinvolucreonly :Bract:
(40) maincolorofmiddlethirdof upperbracts

white 1[]
 yellow 2[]
 orange 3[]
 pink 4[]
 red 5[]

5.7i Varietieswithbi -coloredinvolucreonly :Bract:
(41) maincolorofmiddlethirdof lowerbracts

RHSColourChart(indicatorreferencenumber

5.7ii Varietieswithbi -coloredinvolucreonly :Bract:
(41) maincolorofmiddlethirdof lowerbracts

white 1[]
 yellow 2[]
 orange 3[]
 pink 4[]
 red 5[]

| | | |
|------------------------|--------------|------------------|
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|------------------------|--------------|------------------|

7. Additional information which may help in the examination of the variety

7.1 In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes No

(If yes, please provide details)

7.2 Special conditions for the examination of the variety

7.2.1 Are there any special conditions for growing the variety or conducting the examination?

Yes No

7.2.2 If yes, please give details:

7.3 Other information

8. Authorization for release

(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?

Yes No

(b) Has such authorization been obtained?

Yes No

If the answer to (b) is yes, please attach a copy of the authorization.

9. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:

Applicant's name

Signature

Date

[End of document]