

UPOV

TG/ANGLN(proj.1)

ORIGINAL: English

DATE: August 19, 2005

## INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

DRAFT

*Angelonia angustifolia* Benth.  
and its hybrids

UPOV Code: ANGLN\_ANG  
and linked hybrid codes

## GUIDELINES

## FOR THE CONDUCT OF TESTS

## FOR DISTINCTNESS, UNIFORMITY AND STABILITY

*prepared by an expert from Australia*

*to be considered by the  
Technical Working Party for Ornamental Plants and Forest Trees at its  
38th session, to be held in Seoul, Republic of Korea from 12 to 16  
September 2005*

Alternative Names: \*

<i>Botanical name</i>	<i>English</i>	<i>French</i>	<i>German</i>	<i>Spanish</i>
<i>Angelonia angustifolia</i> Benth.				

The purpose of these guidelines ("Test Guidelines") is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions.

## ASSOCIATED DOCUMENTS

These Test Guidelines should be read in conjunction with 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](http://www.upov.int)), for the latest information.]

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
1. SUBJECT OF THESE TEST GUIDELINES.....	3
2. MATERIAL REQUIRED .....	3
3. METHOD OF EXAMINATION.....	3
3.1 Number of Growing Cycles .....	3
3.2 Testing Place .....	3
3.3 Conditions for Conducting the Examination.....	3
3.4 Test Design .....	4
3.5 Number of Plants / Parts of Plants to be Examined.....	5
3.6 Additional Tests .....	4
4. ASSESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY.....	4
4.1 Distinctness .....	4
4.2 Uniformity.....	5
4.3 Stability .....	5
5. GROUPING OF VARIETIES AND ORGANIZATION OF THE GROWING TRIAL .....	5
6. INTRODUCTION TO THE TABLE OF CHARACTERISTICS .....	6
6.1 Categories of Characteristics.....	6
6.2 States of Expression and Corresponding Notes.....	6
6.3 Types of Expression.....	6
6.4 Example Varieties .....	6
6.5 Legend.....	6
7. TABLE OF CHARACTERISTICS/TABLEAU DES CARACTÈRES/MERKMALSTABELLE/TABLA DE CARACTERES.....	8
8. EXPLANATIONS ON THE TABLE OF CHARACTERISTICS .....	15
9. LITERATURE .....	18
10. TECHNICAL QUESTIONNAIRE.....	19

## 1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Angelonia angustifolia* Benth. and their hybrids of the family *Scrophulariaceae*.

## 2. Material Required

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 rooted cuttings.

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

20 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.

## 3. Method of Examination

### 3.1 *Number of Growing Cycles*

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

### 3.2 *Testing Place*

Tests are normally conducted at one place. In the case of tests conducted at more than one place, guidance is provided in TGP/9 "Examining Distinctness".

### 3.3 *Conditions for Conducting the Examination*

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.

#### 3.3.3 Type of observation

The recommended method of observing the characteristic is indicated by the following key in the second column of the Table of Characteristics:

- MS: measurement of a number of individual plants or parts of plants  
VG: visual assessment by a single observation of a group of plants or parts of plants  
VS: visual assessment by observation of individual plants or parts of plants

### 3.3.4 Observation of color by eye

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 Each test should be designed to result in a total of at least 16 plants.

3.4.2 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.

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

Unless otherwise indicated, all observations on single plants should be made on 10 plants or parts taken from each of 10 plants and any other observations made on all plants in the test.

## 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 differences observed between varieties may be so clear that more than one growing cycle is not necessary. In addition, in some circumstances, the influence of the environment is not such that more than a single growing cycle is required to provide assurance that the differences observed between varieties are sufficiently consistent. One means of ensuring that a difference in a characteristic, observed in a growing trial, is

sufficiently consistent is to examine the characteristic in at least two independent growing cycles.

#### 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 For the assessment of uniformity a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 16 plants, 1 off-type is allowed.

#### 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 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 are 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 other 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 trial so that similar varieties are grouped together.

5.3 The following have been agreed as useful grouping characteristics:

- (a) Corolla: presence of stripes on lobes (characteristic 14)
- (b) Corolla: color (characteristic 15) with the following groups:
  - Gr. 1: white
  - Gr. 2: pink
  - Gr. 3: purple

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 Chapter 6.1.2

QL: Qualitative characteristic – see Chapter 6.3

QN: Quantitative characteristic – see Chapter 6.3

PQ: Pseudo-qualitative characteristic – see Chapter 6.3

MS: measurement of a number of individual plants or parts of plants – see Chapter 3.3.3

VG: visual assessment by a single observation of a group of plants or parts of plants – Chapter 3.3.3

VS: visual assessment by observation of individual plants or parts of plants – see Chapter 3.3.3

(a)-(c) See Explanations on the Table of Characteristics in Chapter 8.1

(+) See Explanations on the Table of Characteristics in Chapter 8.2

7. Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>1. (*)</b>	<b>VS Plant: growth habit</b>					
<b>QN (a)</b>	upright					1
	semi-upright					2
	spreading					3
<b>2. (*)</b>	<b>VS Plant: branching</b>					
<b>QN (a)</b>	weak					3
	medium					5
	strong					7
<b>3. (*)</b>	<b>MS Shoot: length</b>					
<b>QN (a)</b>	short					3
	medium					5
	long					7
<b>4. (*)</b>	<b>VS Shoot: anthocyanin coloration on <u>lower</u> third</b>					
<b>QN (a)</b>	absent or very weak					1
	weak					3
	medium					5
	strong					7
<b>5. (*)</b>	<b>VS Shoot: anthocyanin coloration on <u>upper</u> third</b>					
<b>QN (a)</b>	absent or very weak					1
	weak					3
	medium					5
	strong					7



	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota	
<b>6.</b>	<b>MS</b>	<b>Leaf: length</b>					
(*)							
<b>QN</b>	<b>(b)</b>	short				3	
		medium				5	
		long				7	
<b>7.</b>	<b>MS</b>	<b>Leaf: width</b>					
(*)							
<b>QN</b>	<b>(b)</b>	narrow				3	
		medium				5	
		broad				7	
<b>8.</b>	<b>MS</b>	<b>Leaf: ratio length/width</b>					
<b>QN</b>	<b>(b)</b>	small				3	
		medium				5	
		large				7	
<b>9.</b>	<b>VG</b>	<b>Leaf: intensity of green color on upper side</b>					
<b>QN</b>	<b>(b)</b>	light				3	
		medium				5	
		dark				7	
<b>10.</b>	<b>VG</b>	<b>Leaf: glossiness on upper side</b>					
<b>QN</b>	<b>(b)</b>	absent or very weak				1	
		weak				3	
		medium				5	
		strong				7	

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>11.</b>	<b>MS</b>	<b>Flower: length</b>				
(*)						
(+)						
<b>QN</b>	(c)	short				3
		medium				5
		long				7
<b>12.</b>	<b>MS</b>	<b>Flower: width</b>				
(*)						
(+)						
<b>QN</b>	(c)	narrow				3
		medium				5
		broad				7
<b>13.</b>	<b>MS</b>	<b>Flower: ratio length/width</b>				
(+)						
<b>QN</b>	(c)	small				3
		medium				5
		large				7
<b>14.</b>	<b>VG</b>	<b>Corolla: presence of stripes on lobes</b>				
(*)						
<b>QL</b>	(c)	absent				1
		present				9
<b>15.</b>	<b>VG</b>	<b>Corolla: color</b>				
(*)						
<b>PQ</b>	(c)	RHS Colour Chart (indicate reference number)				
<b>16.</b>	<b>VG</b>	<b><u>Varieties with stripes on lobes</u> present: Corolla: color of stripes on lobes</b>				
(*)						
<b>PQ</b>	(c)	RHS Colour Chart (indicate reference number)				

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>17. VG</b>	<b><u>Varieties with stripes on lobes</u></b>					
(*)	<b><u>absent: Corolla: color pattern on lobes</u></b>					
QN	(c)	fading towards margins				1
		even				2
		fading towards base				3
<b>18. VG</b>	<b><u>Varieties with stripes on lobes</u></b>					
(*)	<b><u>present: Corolla: width of stripes on lobes of lower lip</u></b>					
QN	(c)	narrow				3
		medium				5
		broad				7
<b>19. MS</b>	<b><u>Lower lip: length of lobes in relation to width of lobes</u></b>					
(*)						
(+)						
QN	(c)	longer than broad				1
		as long as broad				2
		broader than long				3
<b>20. VG</b>	<b><u>Lower lip: undulation of margins</u></b>					
(*)						
(+)						
QN	(c)	absent or very weak				1
		weak				3
		medium				5
		strong				7

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>21. VG Pouch: color</b> (* (+)						
<b>PQ</b>	(c) yellow green					1
	white					2
	pink					3
	purple					4
<b>22. VG Pouch: green coloration</b> (* (+)						
<b>QN</b>	(c) absent or very weak					1
	weak					3
	medium					5
	strong					7
<b>23. VG Pouch: number of spots</b> (* (+)						
<b>QN</b>	(c) absent or very few					1
	few					3
	medium					5
	many					7
<b>24. VG Nectary bulge: color</b> (* (+)						
<b>PQ</b>	(c) yellow					1
	green white					2
	white					3
	pink					4
	purple					5

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>25.</b>	<b>MS</b>	<b>Throat: length</b>				
(*)						
(+)						
<b>QN</b>	(c)	short				3
		medium				5
		long				7
<b>26.</b>	<b>MS</b>	<b>Throat: width</b>				
(*)						
(+)						
<b>QN</b>	(c)	narrow				3
		medium				5
		broad				7
<b>27.</b>	<b>MS</b>	<b>Throat: ratio length/width</b>				
(+)						
<b>QN</b>	(c)	small				3
		medium				5
		large				7
<b>28.</b>	<b>VG</b>	<b>Throat: color of chamber</b>				
(*)						
(+)						
<b>PQ</b>	(c)	white				1
		pink				2
		purple				3
<b>29.</b>	<b>VG</b>	<b>Throat: markings in chamber</b>				
(*)						
(+)						
<b>QN</b>	(c)	absent or very weak				1
		weak				3
		medium				5
		strong				7

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>30. VG</b>	<b>Throat: density of markings in chamber</b>					
(+)						
<b>QN</b>	(c)	sparse				1
		medium				2
		dense				3
<b>31. VG</b>	<b>Throat: color of markings in chamber</b>					
(*)						
(+)						
<b>PQ</b>	(c)	green				1
		pink				2
		purple				3

8. Explanations on the Table of Characteristics

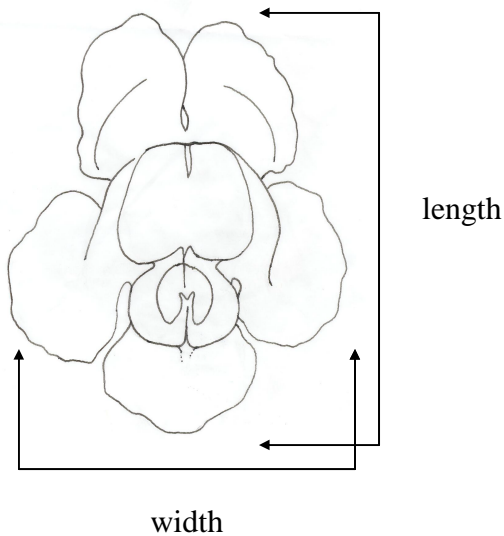
8.1 Explanations covering several characteristics

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

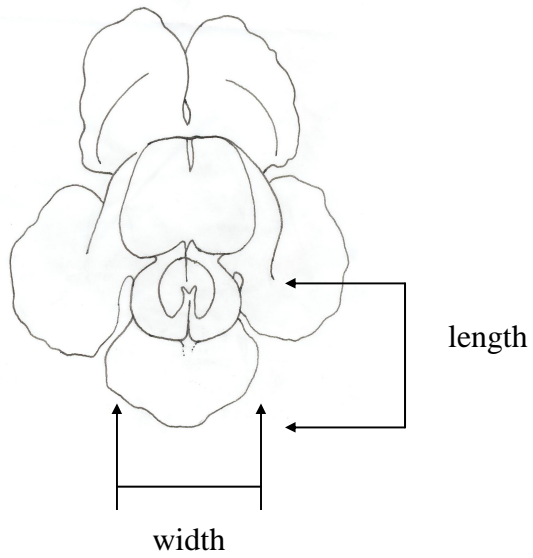
- (a) Observations on the plant and shoot should be made on fully flowering plants that are 4 to 6 months old.
- (b) Observations on the leaf should be made on leaves taken from the middle part of the shoot.
- (c) Observations on the flower and flower parts should be made just prior to anthesis.

8.2 Explanations for individual characteristics

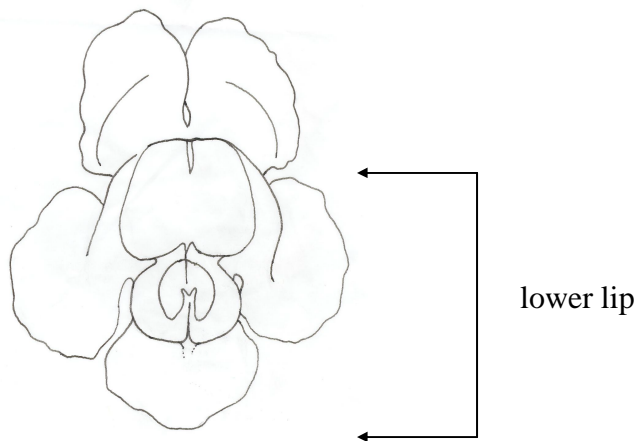
- Ad. 11 Flower: length
- Ad. 12 Flower: width
- Ad. 13 Flower: ratio length/width



Ad. 19      Lower lip: length of lobes in relation to width of lobes



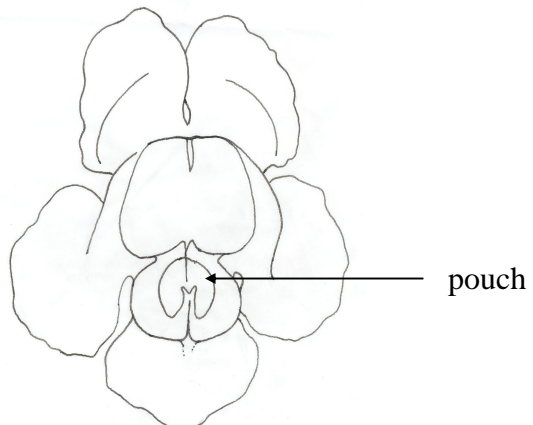
Ad. 20      Lower lip: undulation of margins



Ad. 21      Pouch: color

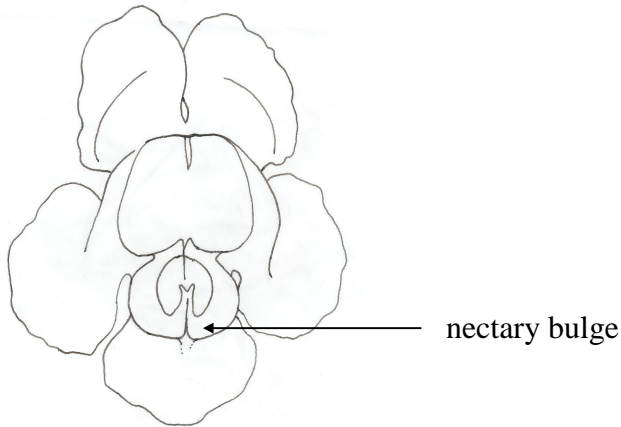
Ad. 22      Pouch: green coloration

Ad. 23      Pouch: number of spots





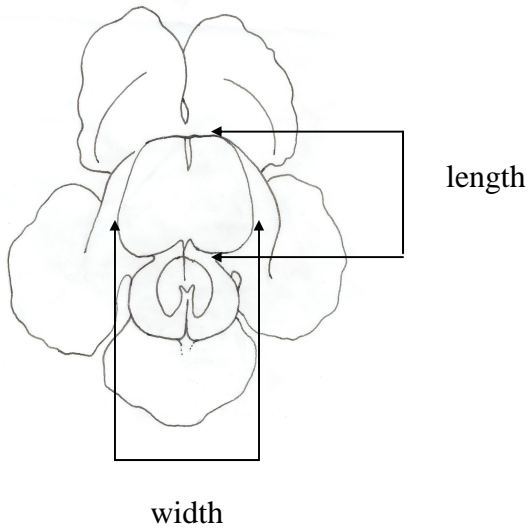
Ad. 24      Nectary bulge: color



Ad. 25      Throat: length

Ad. 26      Throat: width

Ad. 27      Throat: ratio length/width

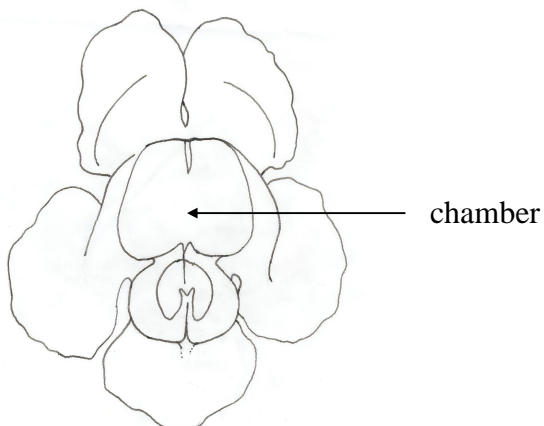


Ad. 28      Throat: main color of chamber

Ad. 29      Throat: markings in chamber

Ad. 30      Throat: density of markings in chamber

Ad. 31      Throat: color of markings in chamber



9. Literature

Liberty Hyde Bailey Hortorium, 1976: Hortus Third, Macmillan Publishing Company

10. Technical Questionnaire

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
		Application date: (not to be filled in by the applicant)
<b>TECHNICAL QUESTIONNAIRE</b> to be completed in connection with an application for plant breeders' rights		
1. Subject of the Technical Questionnaire		
1.1 Botanical name	<input type="text" value="Angelonia angustifolia Benth."/>	[ ]
Hybrid: please indicate the name(s) of species used in the crossing		
1.2.1 Botanical name(s)	<input type="text"/>	[ ]
1.2.2 Common name	<input type="text"/>	
2. Applicant		
Name	<input type="text"/>	
Address	<input type="text"/>	
Telephone No.	<input type="text"/>	
Fax No.	<input type="text"/>	
E-mail address	<input type="text"/>	
Breeder (if different from applicant)	<input type="text"/>	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
<p>3. Proposed denomination and breeder's reference</p> <p>Proposed denomination <input data-bbox="625 405 1350 456" type="text"/> (if available)</p> <p>Breeder's reference <input data-bbox="625 528 1350 580" type="text"/></p>		
<p>#4. Information on the breeding scheme and propagation of the variety</p> <p>4.1 Breeding scheme</p> <p>Variety resulting from:</p> <p>4.1.1 Crossing</p> <p>(a) controlled cross <input data-bbox="1177 913 1238 949" type="checkbox"/> (please state parent varieties)</p> <p>(b) partially known cross <input data-bbox="1177 1014 1238 1050" type="checkbox"/> (please state known parent variety(ies))</p> <p>(c) unknown cross <input data-bbox="1177 1115 1238 1151" type="checkbox"/></p> <p>4.1.2 Mutation <input data-bbox="1177 1171 1238 1207" type="checkbox"/> (please state parent variety)</p> <p>4.1.3 Discovery and development <input data-bbox="1177 1272 1238 1308" type="checkbox"/> (please state where and when discovered and how developed)</p> <p>4.1.4 Other <input data-bbox="1177 1406 1238 1442" type="checkbox"/> (please provide details)</p> <div data-bbox="440 1509 1139 1608" style="border: 1px solid black; height: 44px; width: 438px;"></div>		

# Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
<p>4.2 Method of propagating the variety</p> <p style="margin-left: 40px;">4.2.1 Vegetative propagation</p> <p style="margin-left: 80px;">(a) cuttings <span style="float: right;">[ ]</span></p> <p style="margin-left: 80px;">(b) <i>in vitro</i> propagation <span style="float: right;">[ ]</span></p> <p style="margin-left: 80px;">(c) other (state method) <span style="float: right;">[ ]</span></p> <p style="margin-left: 40px;">4.2.2 Seed <span style="float: right;">[ ]</span></p> <p style="margin-left: 40px;">4.2.3 Other <span style="float: right;">[ ]</span>            (please provide details)</p> <div style="margin-left: 80px; border: 1px solid black; height: 40px; width: 400px;"></div>		
<p>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).</p>		
Characteristics	Example Varieties	Note

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
<p>6. Similar varieties and differences from these varieties</p> <p><i>Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.</i></p>			
Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the <b>similar</b> variety(ies)	Describe the expression of the characteristic(s) for <b>your</b> candidate variety
<i>Example</i>	<i>Flower: color</i>	<i>purple</i>	<i>white</i>
<p>Comments:</p>			

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
<p>#7. Additional information which may help in the examination of the variety</p> <p>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?</p> <p>Yes [ ] No [ ]</p> <p>(If yes, please provide details)</p> <p>7.2 Are there any special conditions for growing the variety or conducting the examination?</p> <p>Yes [ ] No [ ]</p> <p>(If yes, please provide details)</p> <p>7.3 Other information</p> <p>A representative color photograph of the variety should accompany the Technical Questionnaire.</p>		
<p>8. Authorization for release</p> <p>(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?</p> <p>Yes [ ] No [ ]</p> <p>(b) Has such authorization been obtained?</p> <p>Yes [ ] No [ ]</p> <p>If the answer to (b) is yes, please attach a copy of the authorization.</p>		

# Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:												
<p>9. Information on plant material to be examined or submitted for examination.</p> <p>9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.</p> <p>9.2 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 the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:</p> <table data-bbox="284 801 1406 1059"><tbody><tr><td>(a) Microorganisms (e.g. virus, bacteria, phytoplasma)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(b) Chemical treatment (e.g. growth retardant, pesticide)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(c) Tissue culture</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(d) Other factors</td><td>Yes [ ]</td><td>No [ ]</td></tr></tbody></table> <p>Please provide details for where you have indicated “yes”.</p> <p>.....</p>			(a) Microorganisms (e.g. virus, bacteria, phytoplasma)	Yes [ ]	No [ ]	(b) Chemical treatment (e.g. growth retardant, pesticide)	Yes [ ]	No [ ]	(c) Tissue culture	Yes [ ]	No [ ]	(d) Other factors	Yes [ ]	No [ ]
(a) Microorganisms (e.g. virus, bacteria, phytoplasma)	Yes [ ]	No [ ]												
(b) Chemical treatment (e.g. growth retardant, pesticide)	Yes [ ]	No [ ]												
(c) Tissue culture	Yes [ ]	No [ ]												
(d) Other factors	Yes [ ]	No [ ]												
<p>10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:</p> <table data-bbox="284 1391 1428 1525"><tbody><tr><td>Applicant's name</td><td colspan="2"><input type="text"/></td></tr><tr><td>Signature</td><td><input type="text"/></td><td>Date <input type="text"/></td></tr></tbody></table>			Applicant's name	<input type="text"/>		Signature	<input type="text"/>	Date <input type="text"/>						
Applicant's name	<input type="text"/>													
Signature	<input type="text"/>	Date <input type="text"/>												

[End of document]