

TG/GYPSO(proj.3) ORIGINAL: English DATE: 2007-05-30

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

# DRAFT

## GYPSOPHILA

UPOV Code: GYPSO

Gypsophila L.

#### **GUIDELINES**

#### FOR THE CONDUCT OF TESTS

#### FOR DISTINCTNESS, UNIFORMITY AND STABILITY

prepared by an expert from Israel

to be considered by the Technical Working Party for Ornamental Plants and Forest Trees at its fortieth session, to be held in Kunming, China, from July 2 to 6, 2007

Alternative Names:\*

Botanical name	English	French	German	Spanish
Gypsophila L.	Baby's Breath, Gyp, Gypsophila	Gypsophile	Gipskraut, Schleierkraut	Gipsófila

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.

<sup>&</sup>lt;sup>\*</sup> 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.]

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 2 -

### TABLE OF CONTENTS

### PAGE

1.	SUB	JECT OF THESE TEST GUIDELINES	.3
2.	MA	TERIAL REQUIRED	.3
3.	MET	THOD 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	.4
	3.6	Additional Tests	.4
4.	ASS	ESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY	.4
	4.1	Distinctness	.4
	4.2	Uniformity	.5
	4.3	Stability	.5
5.	GRO	DUPING OF VARIETIES AND ORGANIZATION OF THE GROWING TRIAL	.5
6.	INT	RODUCTION 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.		BLE OF CHARACTERISTICS/TABLEAU DES	
		RACTÈRES/MERKMALSTABELLE/TABLA DE CARACTERES	
8.		LANATIONS ON THE TABLE OF CHARACTERISTICS	
9.		ERATURE	
10.	TEC	HNICAL QUESTIONNAIRE	17

#### 1. <u>Subject of these Test Guidelines</u>

These Test Guidelines apply to all vegetatively propagated varieties of *Gypsophila* L. of the family *Caryophyllaceae*.

#### 2. <u>Material Required</u>

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:

#### 15 plants.

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. <u>Method of Examination</u>

#### 3.1 Number of Growing Cycles

The minimum duration of tests should normally be three subsequent flowering cycles.

#### 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.

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

- MG: single measurement of a group of plants or parts of plants
- 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"

3.3.3 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 Each test should be designed to result in a total of at least 10 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 should be made on 10 plants or parts taken from each of 10 plants.

#### 3.6 Additional Tests

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

#### 4. <u>Assessment of Distinctness, Uniformity and Stability</u>

#### 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 95 % and an acceptance probability of at least 1 % should be applied. In the case of a sample size of 10 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.

#### 5. <u>Grouping of Varieties and Organization of the Growing Trial</u>

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) Plant: basal branching (characteristic 1)
- (b) Plant: height (characteristic 2)
- (c) Flower: type (characteristic 25)
- (d) Flower: number of colors (characteristic 34)
- (e) One-colored varieties only: Petal: color (characteristic 35)

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

#### MG, MS, VG, VS See chapter 3.3.2

- (a)-(d) See Explanations on the Table of Characteristics in Chapter 8.1
- (+) See Explanations on the Table of Characteristics in Chapter 8.2

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 7 -

# 7. <u>Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres</u>

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
1. (*)	VG	Plant: basal branching					
QL	(a)	absent					1
		present					9
2. (*)	MS	Plant: height					
QN	(b)	short				White Festival	3
		medium				Dangypmini	5
		tall				Dangypfun	7
3.	VS	Stem: thickness					
QN	(b)	thin				Dangypmini	3
		medium				Esmamerica	5
		thick				Dangypwhifa	7
<b>4.</b> (*)	MS	Stem: length of longest internode					
QN	(b)	short				Dangysha	3
		medium				Dangypwhifa	5
		long				Esmamerica	7
5. (*)	VG	Stem: anthocyanin coloration					
QL	(b)	absent				Dangypchrys	1
		present				Esmamerica	9
6.	VG	Stem: intensity of anthocyanin coloration					
QN	(b)	weak				Barfast	3
		medium				Esmamerica	5
		strong				Festival	7

# TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 8 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
7.	MS	Stem: number of internodes on 60cm of the main stem					
QN	(b)	few				Dangysha	3
		medium				Dangypchrys	5
		many				Esmamerica	7
8.		Stem: woodiness					
		absent/herbaceous					1
		present/woody				Esmaustralia	2
9.		Stem: color					
PQ	(b)	light green					1
		yellow green					2
		dark green					3
		greyish green					4
		dark green					5
10. (*)	VG	Leaf: shape					
QL	(c)	elliptic				Esmamerica	1
		ovate				Barfast	2
11. (*)	MS	Leaf: length					
QN	(c)	short				Festival	3
		medium				Barfast	5
		long					7
12. (*)	MS	Leaf: width					
QN	(c)	narrow				Snowflake	3
		medium				Hila	5
		broad				Mydah Pink	7

# TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 9 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
13.	VG	Leaf: longitudinal axis					
QL	(c)	straight				Dangypchrys	1
		incurved				Esmamerica	2
14. (*)	VG	Leaf: cross section					
PQ	(c)	straight				Dangypink	1
		concave				Esmaustralia	2
15.	VG	Leaf: attitude of apex					
PQ		incurved				Dangysha	1
		straight				Dangypwhifa	2
		recurved					3
NEW		rolled downwards					4
16. (*)	VG	Leaf: color of upper side	•				
QL		green				Esmaustralia	1
		grey-green				Barfast	2
17. (*)	VG	Infloresence: pubescence					
QL	<b>(b)</b>	absent				Esmasia	1
		present				Dangysha	9
18.		Inflorescence: position of flowers					
QL		in upper part only					1
		along whole length					2

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 10 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
19.		Inflorescence: number of flowers in	IL : difficult to				
New		terminal unit	0030170				
QN		few					3
		medium					5
		many					7
20.		Inflorescence: shape of upper part					
	( <b>d</b> )	flat					1
		Domed					2
21.		Inflorescence: anthocyanin coloration of calyx					
QN	(b)	absent or very weak					1
		weak					2
		strong					3
22.		Inflorescence: angle of side branch in relation to main stem					
QN	(b)	small					3
		medium					5
		large					7
23.		Inflorescence: curvature of side branch					
	(b)	absent or very weak					1
		weak					3
		medium					5
		strong					7

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 11 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
24.		<u>Varieties with</u> <u>curved side branch</u> <u>only:</u> Inflorescence: length of non-curved basal part	l				
QN	<b>(b)</b>	short					3
		medium					5
		long					7
25. (*)	VG	Flower: type					
PQ	( <b>d</b> )	single				Bregic	1
		double				Dangypmini	2
<b>26.</b> (*)	MS	Flower: diameter					
QL	( <b>d</b> )	very small					1
		small				Dangypmini	3
		medium				Magic Golan	5
		large				Dangyphappy	7
		very large				Anneke	9
27.	VG	<u>Varieties with</u> <u>double flowers only</u> : Flower: number of petals					
QN	( <b>d</b> )	few				Dangyphappy	3
		medium				Magic Golan	5
		many				Barfast	7
28. (*)	VG	Flower: profile of upper part					
QL	( <b>d</b> )	flat				Dangypcrys	1
		convex				Dangypwhifa	2

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 12 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
<b>29.</b> (*)	VG	Flower: presence of anthers					
New							
QN	( <b>d</b> )	absent					1
		present					9
30.	MS	Flower: length of pedicel					
QN		short				Bregic	3
		medium				Mydah Sayo	5
		long				Dangypcrys	7
<b>31.</b> (*)	VG	Petal: shape					
QL		triangular					1
		obovate					2
<b>32.</b> (*)	VG	Petal: dentation of apex					
New							
QL		absent					1
		present					9
<b>33.</b>	VG	Petal: longitudinal					
(*) (+)		axis					
PQ		incurved				Danfesroy	3
		straight				Dangypwhifa	5
		recurved				Blancanieves	7
<b>34.</b> (*)	VG	Petal: number o colors	f				
PQ		one				Dangypmini	1
		two				Dangysha, White Festival	2

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 13 -

		English	français	deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
35. (*)	VG	<u>One-colored</u> <u>varieties only:</u> Petal: color					
QL		white					1
		pink				Mydah Pink	2
<b>36.</b> (*)	VG	<u>Two-colored</u> <u>varieties only:</u> Petal: main color					
QL		white				Dangysha	1
		pink					2
37. (*)	VG	Calyx: shape in longitudinal section	1				
QL	( <b>d</b> )	parallel-sided				Bregic	1
		divergent-sided				Dangysha	2
		flatened				Mydah Sayo	3
<b>38.</b> (*)	VG	Calyx: number of lobes	f				
PQ		about five				White Festival	1
		about ten				Bristo; Fairy	2
39.	VG	Calyx: size of lobe					
(+)							
QN		small				Dangypmini	3
		medium				Dangypcrys	5
		large				Mydah Ball	7
<b>40.</b> (*)	VG	Time of beginning of flowering					
QL	(b)	early				Gypso Queen	3
		medium				Esmeurope	5
		late				Mirabella	7

#### 8. <u>Explanations on the Table of Characteristics</u>

#### 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:

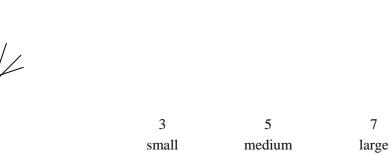
- (a) Time of observation: one to two months after planting.
- (b) Time of observation: beginning of flowering (first petals visible).
- (c) The leaf to be observed is the larger of the two leaves at the node from which the lowest flowering side branch arises.
- (d) Time of observation: full flowering (at least 10% of flowers fully open).

#### 8.2 *Explanations for individual characteristics*

#### Ad. 1: Plant: basal branching

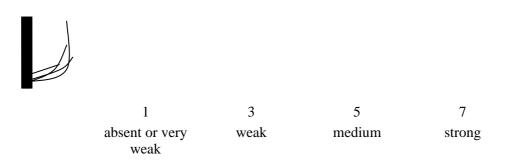
1	2
absent	present

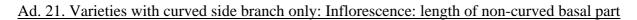
#### Ad. 19. Inflorescence: angle of side branch in relation to main stam

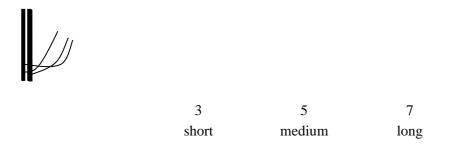


#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 15 -

#### Ad. 20. Inflorescence: curvature of side branch







#### Ad. 37. Calyx: shape in longitudinal section



1	2	3
parallel-sided	divergent sided	flattened

# 9. <u>Literature</u>

Literature }

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 17 -

# 10. <u>Technical Questionnaire</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:						
		Application date: (not to be filled in by the applicant)						
TECHNICAL QUESTIONNAIRE to be completed in connection with an application for plant breeders' rights								
"In the case of hybrid varieties which are the subject of an application for plant breeders' rights, and where the parent lines are to be submitted as a part of the examination of the hybrid variety, this Technical Questionnaire should be completed for each of the parent lines, in addition to being completed for the hybrid variety."								
1. Subject of the Technical Ques	tionnaire							
1.1 Botanical name {]	Botanical name }							
1.2 Common name {	Common name}							
be added in the following format:		one species, additional boxes should						
"1. Subject of the Tech	nical Questionnaire (ple	ease indicate the relevant species):						
1.1.1Botanical n1.1.2Common n								
1.2.1Botanical n1.2.2Common n								
etc.								
(b) If the Test Guidelines cover presented as follows:	a genus or a large nun	nber of species, question 1 should be						
"1. Subject of the Tech	nnical Questionnaire (p	lease complete):						
1.1Botanical n1.2Common n								
with the boxes left blank for completion by the applicant.								

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 18 -

TEC	HNICAL QUESTIONNAL	RE	Page {x} of {y}	Reference Number:	
2.	Applicant				
	Name				
	Address				
	Telephone No.				]
	Fax No.				
	E-mail address				]
	Breeder (if different from	appli	icant)		1
3.	Proposed denomination ar	nd bro	eeder's reference		
	Proposed denomination (if available)				]
	Breeder's reference				]

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 19 -

TEC	CHNI	CAL QI	JESTIONNAIRE Page {x} of {y} Reference	e Number:
#4.	Info	rmation	on the breeding scheme and propagation of the varie	ety
	4.1	Breedi	ng scheme	
		Variet	y resulting from:	
		4.1.1	Crossing	
			(a) controlled cross	[ ]
			<ul><li>(please state parent varieties)</li><li>(b) partially known cross</li></ul>	[]
			<ul><li>(please state known parent variety(ies))</li><li>(c) unknown cross</li></ul>	[ ]
		4.1.2	Mutation (please state parent variety)	[ ]
		4.1.3	Discovery and development (please state where and when discovered and how developed)	[ ]
		4.1.4	Other (please provide details)"	[ ]

<sup>&</sup>lt;sup>#</sup> Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 20 -

<ul> <li>4.2 Method of propagating the variety</li> <li>The examples below indicate how this section can be formatted and some appropriate term which can be used: <ul> <li>4.2.1 Seed-propagated varieties</li> <li>(a) Self-pollination</li> <li>(b) Cross-pollination</li> <li>(i) population</li> <li>(i) synthetic variety</li> </ul> </li> <li>(c) Hybrid <ul> <li>(see GN 32 below)</li> <li>(d) Other</li> <li>(please provide details)"</li> </ul> </li> </ul>	TECHNICAL (	QUESTIONNAIRE	Page {x} of {y}	Reference Number	:
<ul> <li>which can be used:</li> <li>4.2.1 Seed-propagated varieties <ul> <li>(a) Self-pollination</li> <li>(b) Cross-pollination</li> <li>(i) population</li> <li>(ii) synthetic variety</li> </ul> </li> <li>(c) Hybrid <ul> <li>(c) Hybrid</li> <li>(see GN 32 below)</li> <li>(d) Other</li> <li>(please provide details)"</li> </ul> </li> </ul>	4.2 Method of	propagating the varie	ety		
<ul> <li>(a) Self-pollination <ul> <li>(b) Cross-pollination</li> <li>(i) population</li> <li>(ii) synthetic variety</li> </ul> </li> <li>(c) Hybrid <ul> <li>(see GN 32 below)</li> <li>(d) Other</li> <li>(please provide details)"</li> </ul> </li> </ul>			is section can be form	natted and some ap	propriate terms
<ul> <li>(b) Cross-pollination <ul> <li>(i) population</li> <li>(ii) synthetic variety</li> </ul> </li> <li>(c) Hybrid <ul> <li>(see GN 32 below)</li> </ul> </li> <li>(d) Other <ul> <li>(please provide details)"</li> </ul> </li> </ul>	4.2.1	Seed-propagated vari	ieties		
<ul> <li>(i) population []</li> <li>(ii) synthetic variety []</li> <li>(c) Hybrid []</li> <li>(see GN 32 below)</li> <li>(d) Other []</li> <li>(please provide details)"</li> </ul>		(a) Self-pollination	n	[ ]	
(d) Other [] (please provide details)"		(i) population	1		
(d) Other [] (please provide details)"			law)	[]	
		(d) Other		[]	
4.2.2 Vegetatively propagated varieties	4.2.2	Vegetatively propaga	ated varieties		
{see Example 2.below.} [ ]		{see Example 2.bei	low.}	[]	
4.2.3 Other [] (please provide details)	4.2.3		ls)	[]	

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 21 -

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Example 2		
4.2.1 Vegetative propaga	ation	
(a) cuttings		[ ]
(b) <i>in vitro</i> propag	ation	[ ]
(c) other (state me	thod)	[ ]
4.2.2 Seed		[ ]
4.2.3 Other (please provide det	ails)	[ ]
	/	
GN 32		
"In the case of hybrid varieties the pr separate sheet. This should provide of hybrid e.g.		
"Single Hybrid		
"( female parent) x (	male parent)	
"Three-Way Hybrid		
"( female line) x (	male line)	
"=> single hybrid us	ed as female parent x	( male parent)
"and should identify in particular:		
<ul><li>"(a) any male sterile lines</li><li>"(b) maintenance system of ma</li></ul>	le sterile lines."	

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 22 -

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
5. Characteristics of the variety corresponding characteristic in Te corresponds).			
Characteristics		Example Varieties	Note
GN 13.3 Technical Questionn GN 13.4 Relationship betwee characteristics	aaire (TQ) characterist en Asterisked, Group		

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 23 -

TECHNICAL QUESTI	ONNAIRE	Page {x} o	of {y}	Reference Nu	mber:
6. Similar varieties a Please use the followin	ng table and	box for co	mments to		•
candidate variety differ is (or are) most similar examination of distinct	r. This inform	nation may	help the ex		•••
Denomination(s) of variety(ies) similar to your candidate variety	Characteri which your variety diffe similar va	candidate rs from the	of the cha for th	he expression aracteristic(s) e <b>similar</b> ety(ies)	Describe the expression of the characteristic(s) for <b>your</b> candidate variety
Example	Flower	color	01	range	orange red
Comments:					

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 24 -

TEC	HNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
<sup>#</sup> 7.	Additional information which	may help in the exami	nation of the variety
7.1	In addition to the information characteristics which may help	-	is 5 and 6, are there any additional iety?
	Yes []	No [ ]	
	(If yes, please provide details)		
7.2	Are there any special condition	ns for growing the vari	ety or conducting the examination?
	Yes []	No []	
	(If yes, please provide details)		
7.3	Other information		
GN (	34		
66 A	<ul> <li>7.3.1 Main use</li> <li>(a) garden plar</li> <li>(b) pot plant</li> <li>(c) cut-flower</li> <li>(d) other</li> <li>(please provide d</li> </ul>	etails)	
	representative color photogra tionnaire."	aph of the variety	should accompany the Technical
8.	Authorization for release		
	(a) Does the variety require the protection of the environme	-	r release under legislation concerning health?
	Yes []	No [ ]	
	(b) Has such authorization b	een obtained?	
	Yes []	No [ ]	
	If the answer to (b) is yes, plea	ase attach a copy of the	e authorization.

<sup>&</sup>lt;sup>#</sup> Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

#### TG/GYPSO (proj.3) Gypsophila, 2007-05-30 - 25 -

TECHNICAL QUESTIONNAIRE	Page $\{x\}$ of $\{y\}$	Reference Number:	

9. Information on plant material to be examined or submitted for examination.

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.

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:

	(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 [ ]
	Pleas	se provide details for where you have indicated "yes".		
"9.3 patho	Has ogens?	the plant material to be examined been tested for the prese	nce of viru	s or other
	Yes	[ ]		
	(	please provide details as specified by the Authority)		
	( No	please provide details as specified by the Authority)		
10. form	No	eby declare that, to the best of my knowledge, the information	tion provid	ed in this
	No I her is cor	eby declare that, to the best of my knowledge, the information	tion provid	ed in this

[End of document]