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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

DRAFT

ABELIA

UPOV Code: ABELI

Abelia R. BR.

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

prepared by an expert from France

to be considered by the

Technical Working Party for Ornamental Plants and Forest Trees
at its forty-sixth session, to be held in Melbourne, Australia, from April 22 to 26, 2013

Alternative Names:*

Botanical name	*English*	*French*	*German*	*Spanish*
Abelia R. BR.	Abelia	Abelia	Abelia	Abelia

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), for the latest information.]

TABLE OF CONTENTS PAGE

1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Abelia* R. BR..

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 plants capable of flowering and expressing all relevant characteristics of the variety during the first growing cycle.

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

6 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. 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.

3.3.2 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. The color chart and version used should be specified in the variety description.

3.4 Test Design

3.4.1 Each test should be designed to result in a total of at least 6 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 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.

4.1.4 Number of Plants / Parts of Plants to be Examined

Unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 5 plants or parts taken from each of 5 plants and any other observations made on all plants in the test, disregarding any off-type plants.

4.1.5 Method of Observation

The recommended method of observing the characteristic for the purposes of distinctness is indicated by the following key in the second column of the Table of Characteristics (see document TGP/9 “Examining Distinctness”, Section 4 “Observation 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

Type of observation: visual (V) or measurement (M)

“Visual” observation (V) is an observation made on the basis of the expert’s judgment. For the purposes of this document, “visual” observation refers to the sensory observations of the experts and, therefore, also includes smell, taste and touch. Visual observation includes observations where the expert uses reference points (e.g. diagrams, example varieties, side-by-side comparison) or non-linear charts (e.g. color charts). Measurement (M) is an objective observation against a calibrated, linear scale e.g. using a ruler, weighing scales, colorimeter, dates, counts, etc.

Type of record: for a group of plants (G) or for single, individual plants (S)

For the purposes of distinctness, observations may be recorded as a single record for a group of plants or parts of plants (G), or may be recorded as records for a number of single, individual plants or parts of plants (S). In most cases, “G” provides a single record per variety and it is not possible or necessary to apply statistical methods in a plant-by-plant analysis for the assessment of distinctness.

In cases where more than one method of observing the characteristic is indicated in the Table of Characteristics (e.g. VG/MG), guidance on selecting an appropriate method is provided in document TGP/9, Section 4.2.

4.2 Uniformity

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:

For the assessment of uniformity of vegetatively propagated varieties, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 6 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 further examined by testing a new plant stock to ensure that it exhibits the same characteristics as those shown by the initial 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) Plant: growth habit (characteristic 1)
(b) Foliage: persistence (characteristic 5)
(c) Leaf blade: variegation (characteristic 10)
(d) Inflorescence: density (characteristic 18)
(e) Corolla lobe: main color of outer side (characteristic 22)
Gr. 1: white
Gr. 2: pink
(f) Sepal: color (characteristic 29)
Gr. 1: greenish
Gr. 2: pinkish white
Gr. 3: light pink
Gr. 4: orange pink
Gr. 5: reddish

5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction and document TGP/9 “Examining Distinctness”.

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

6.2.1 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.

6.2.2 In the case of qualitative and pseudo-qualitative characteristics (see Chapter 6.3), all relevant states of expression are presented in the characteristic. However, in the case of quantitative characteristics with 5 or more states, an abbreviated scale may be used to minimize the size of the Table of Characteristics. For example, in the case of a quantitative characteristic with 9 states, the presentation of states of expression in the Test Guidelines may be abbreviated as follows:

State	Note
small	3
medium	5
large	7

However, it should be noted that all of the following 9 states of expression exist to describe varieties and should be used as appropriate:

State	Note
very small	1
very small to small	2
small	3
small to medium	4
medium	5
medium to large	6
large	7
large to very large	8
very large	9

6.2.3 Further explanation of the presentation of states of expression and notes is provided in document TGP/7 “Development of Test Guidelines”.

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 4.1.5
(a)-(b)	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
1. (*)		**Plant: growth habit**	**Plante: port**	**Pflanze: Wuchsform**	**Planta: porte**		
PQ		upright	dressé			Chinensis	1
		semi upright	demi dressé			Minaud	2
		globular	globuleux			Golden Panaché	3
		spreading	étalé			Variété en étude	4
2. (*)		**Plant: height in relation to width**	**Plante : hauteur par rapport à la largeur**				
QN		taller than broad	plus haute que large			Triflora	1
		as tall as broad	aussi haute que large			Prostrata	2
		broader than tall	plus large que haute			Grandiflora Panaché	3
3. (*)		**Plant density**	**Plante : densité**			UK/NZ example varieties	
PQ		sparse	lâche				3
		medium	moyenne				5
		dense	dense				7
4. (*)		**Shoot: color**	**Rameau: couleur**				
PQ	**(a)**	light brown	brun clair			Chinensis	1
		dark brown	brun foncé			Engleriana	2
		reddish	rougeâtre			Edward Goucher	3
5. (*)		**Foliage: persistence**	**Feuillage : persistance**				
PQ		deciduous	caduc			Mosanensis	1
		semi deciduous	semi caduc			Shumanii longituba	2
		evergreen	persistant			Prostrata	3
6. (*)		**Young leaf: main color**	**Jeune feuille : couleur principale**			UK/NZ	
PQ		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)			To precise stage	

		English	français	Deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
7. (*)		**Leaf blade: position of broadest part**	**Feuille : position de la partie la plus large**				
QN	**(b)**	basal part	partie basale			Edward Goucher	1
		at middle	au milieu			Golden Panaché	2
		apical part	partie apicale				3
8. (*)		**Leaf blade: length**	**Feuille : longueur**				
QN	**(b)**	very short	très courte			Snowdriff	1
		short	courte			Minaud	3
		medium	moyenne			Grandiflora Semperflorens	5
		long	longue			Chinensis	7
		very long	très longue			Triflora	9
9. (*)		**Leaf blade: width**	**Feuille : largeur**				
QN	**(b)**	narrow	étroite			Grandiflora Panaché	3
		medium	moyenne			Edward Goucher	5
		broad	large			Mosanensis	7
10. (*)		**Leaf blade: variegation**	**Feuille : panachure**				
QL	**(b)**	absent	absente			Snowdriff	1
		present	présente			Golden Panaché	9
11. (*)		**Leaf blade: main color on upper side**	**Feuille : couleur principale de la face supérieure**				
PQ	**(b)**	green	vert			Minaud	1
		yellow green	vert jaune			Francis Masson	2
		grey green	vert gris			Variété en étude	3
		purple green	vert pourpre			Variété en étude	4
12. (*)		**Leaf blade: intensity of green color**	**Feuille : intensité de la couleur verte**				
QN	**(b)**	light	claire			Chinensis	3
		medium	moyenne			Minaud	5
		dark	foncée			Triflora	7

		English	français	Deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
13. (*)		**Leaf blade: secondary color**	**Feuille : couleur secondaire**				
PQ	**(b)**	white	blanc			Grandiflora Panaché	1
		pinkish white	blanc rosé			Confetti	2
		yellow	jaune			Gold Spot	3
		yellow red	jaune rouge			Golden Panaché	4
14. (*)		**Leaf blade: pattern of secondary color**	**Feuille : distribution de la couleur secondaire**				
PQ	**(b)**	diffused	diffuse			Gold Spot	1
		marginal	marginée			Grandiflora Panaché	2
15. (*)		**Leaf blade: undulation**	**Feuille : ondulation**				
QL	**(b)**	absent	absente			Grandiflora Panaché	1
		present	présente			Triflora	9
16. (*)		**Leaf blade: glossiness**	**Feuille : brillance**				
QN	**(b)**	very weak	trés faible			Engleriana	1
		weak	faible				3
		medium	moyenne			Edward Goucher	5
		strong	forte				7
		very strong	trés forte			Snowdriff	9
17. (*)		**Leaf blade: gaufrure**	**Feuille : gaufrure**				
QL	**(b)**	absent	absente			Minaud	1
		présente	présente			Triflora	9
18. (*)		**Inflorescence: density**	**Inflorescence : densité**				
QN		very sparse	très peu dense				1
		sparse	peu dense			Golden Panaché	3
		medium	moyenne				5
		dense	dense			Chinensis	7
		very dense	très dense				9

	English	français	Deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
19. (*)	**Flower bud: color**	**Bouton floral : couleur**				
PQ	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)				
20. (*)	**Flower: size**	**Fleur : taille**				
QN	short	courte			Triflora	3
	medium	moyenne			Minaud	5
	long	longue			Schumanii Longituba	7
21. (*)	**Corolla lobe:attitude of upper part**	**Lobe de la corolle : port de la partie supérieure**				
QN	erect	dressé			Shumanii Longituba	1
	semi erect	demi dressé			Edward Goucher	2
	horizontal	horizontal			Triflora	3
22. (*)	**Corolla lobe: main color of outer side**	**Lobe de la corolle : couleur principale de la face externe**				
PQ	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)				
23. (*)	**Corolla lobe: color of margin of inner side**	**Lobe de la corolle : couleur du bord de la face interne**				
PQ	white	blanc			Grandiflora Panaché	1
	yellowish	jaunâtre			Variété en étude	2
	pink	rosé			Edward Goucher	3
24. (*)	**Corolla throat: blotches**	**Gorge de la corolle : tache**				
QL	absent	absente			Prostrata	1
	present	présente			Engleriana	9
25. (*)	**Corolla throat: hairiness at level of secondary color**	**Gorge de la corolle : pilosité au niveau de la couleur secondaire**				
QL	absent	absente				1
	present	présente			Minaud	9

	English	français	Deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
26. (*)	**Corolla throat: intensity of hairiness at level of secondary color**	**Gorge de la corolle : intensité de la pilosité au niveau de la couleur secondaire**				
QN	very weak	très faible				1
	weak	faible				3
	medium	moyenne				5
	strong	forte				7
	very strong	très forte				9
27. (*)	**Stigma: position in relation to anthers**	**Stigmate : position par rapport aux anthères**				
QN	below	au dessous			Longituba	1
	same level	au même niveau			Minaud	2
	above	au dessus			Chinensis	3
28. (*)	**Anther: color**	**Anthère : couleur**				
PQ	white	blanche			Snowdriff	1
	pale-purple	mauve			Chinensis	2
29. (*)	**Sepal: color**	**Sépale : couleur**				
PQ	greenish	verdâtre				1
	pinkish white	blanc rosé			Chinensis	2
	light pink	rose pâle			Gold spot	3
	orange pink	rose orangé			Variété en étude	4
	reddish	rougeâtre			Edward Goucher	5
30. (*)	**Sepal: number**	**Sépale : nombre**				
QN	two	deux			Edward Goucher	1
	four	quatre			Semperflorens	2
	variable	variable			Minaud	3
31. (*)	**Sepal: shape**	**Sépale : forme**				
PQ	elliptic	elliptique			Chinensis	1
	broad elliptic	elliptique large			Variété en étude	2

	English	français	Deutsch	español	Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo	Note/ Nota
32. (*)	**Flower: fragance**	**Fleur : parfum**				
QN	weak	faible				3
	medium	moyen			Minaud	5
	strong	fort			Mosanensis	7
33. (*) (+)	**Time of beginning of flowering**	**Époque de début de floraison**				
QN	early	précoce			Mosanensis	3
	medium	moyenne				5
	late	tardive				7

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) All characteristics on shoots and leaves are to be observed on current year's shoots

(b) The notations are made on well developed leaves (adult)

8.2 Explanations for individual characteristics

Ad. 33: Time of beginning of flowering

The time of beginning of flowering is when all plants have approximately 10% of inflorescences showing some open flowers.

9. Literature

??

10. Technical Questionnaire

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

1. Subject of the Technical Questionnaire

1.1 Botanical name	*Abelia* R. BR.
1.2 Common name	Abelia

2. Applicant

Name	
Address	
Telephone No.	
Fax No.	
E-mail address	
Breeder (if different from applicant)	

3. Proposed denomination and breeder's reference

Proposed denomination (if available)	
Breeder's reference	

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

[#]4. Information on the breeding scheme and propagation of the variety

4.1 Breeding scheme

Variety resulting from:

4.1.1 Crossing

(a) controlled cross [ ]
(please state parent varieties)

(……) x (……)
female parent male parent

(b) partially known cross [ ]
(please state known parent variety(ies))

(……) x (……)
female parent male parent

(c) unknown cross [ ]

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)

[#] 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:

4.2 Method of propagating the variety

4.2.1 Vegetative propagation

(a) cuttings [ ]

(b) *in vitro* propagation [ ]

(c) other (state method) [ ]

4.2.2 Other [ ]
(please provide details)

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

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	Example Varieties	Note
5.1 (1)	**Plant: growth habit**		
	upright	Chinensis	1[ ]
	semi upright	Minaud	2[ ]
	globular	Golden Panaché	3[ ]
	spreading	Variété en étude	4[ ]
5.2 (2)	**Plant: height in relation to width**		
	taller than broad	Triflora	1[ ]
	as tall as broad	Prostata	2[ ]
	broader than tall	Grandiflora panaché	3[ ]
5.3 (5)	**Foliage : persistence**		
	deciduous	Monanensis	1[ ]
	semi deciduous	Shumanii Longituba	2[ ]
	evergreen	Prostrata	3[ ]
5.4 (10)	**Leaf blade : variegation**		
	absent	Snowdriff	1[ ]
	present	Golden Panaché	9[ ]

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

	Characteristics	Example Varieties	Note
5.5 (18)	**Inflorescence: density**		
	very sparse		1[ ]
	very sparse to sparse		2[ ]
	sparse	Golden Panaché	3[ ]
	sparse to medium		4[ ]
	medium		5[ ]
	medium to dense		6[ ]
	dense	Chinensis	7[ ]
	dense to very dense		8[ ]
	very dense		9[ ]
5.6 (22)	**Corolla lobe : main color of outer side**		
	RHS Colour Chart (indicate reference number)		
5.7 (29)	**Sepal : color**		
	greenish		1[ ]
	pinkish white	Chinensis	2[ ]
	light pink	Gold Spot	3[ ]
	orange pink	Variété en étude	4[ ]
	reddish	Edward Goucher	5[ ]

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

6. Similar varieties and differences from these varieties

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.

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 **similar** variety(ies)	Describe the expression of the characteristic(s) for **your** candidate variety
Example	*Leaf blade: color of upper side*	*green*	*yellow green*

Comments:

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

[#]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 Are there any special conditions for growing the variety or conducting the examination?

Yes [ ] No [ ]

(If yes, please provide details)

7.3 Other information

A representative color image of the variety should accompany the Technical Questionnaire.

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.

[#] 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:

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 [ ]

Please provide details for where you have indicated “yes”.

.....

10. 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]