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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

WEIGELA *

UPOV Code(s): WEIGE

Weigela Thunb.

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

Alternative names:*

Botanical name	*English*	*French*	*German*	*Spanish*
Weigela Thunb., *Calyptrostigma* Trautv. & C. A. Mey., *Calysphyrum* Bunge	Weigela	Weigela	Weigelie	Weigela

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.]

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1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Weigela* Thunb.

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 two-year-old plants on their own roots.

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

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

3.1.2 The testing of a variety may be concluded when the competent authority can determine with certainty the outcome of the test.

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 or 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 of plants 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 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

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 These Test Guidelines have been developed for the examination of vegetatively propagated varieties. For varieties with other types of propagation, the recommendations in the General Introduction and document TGP/13 "Guidance for new types and species" Section 4.5 "Testing Uniformity" should be followed.

4.2.3 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 3)
(b) Shoot: color (characteristic 5)
(c) Leaf blade: main color (characteristic 16)
(d) Leaf blade: secondary color (characteristic 17)
(e) Leaf blade: presence of tertiary color (characteristic 19)
(f) Inflorescence: type (characteristic 24)
(g) Plant: different colored flowers (characteristic 28)
(h) Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of outer side (characteristic 29) with the following groups:
Gr. 1: white
Gr. 2: yellow
Gr. 3: pink
Gr. 4: red
Gr. 5: purple
(i) Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of inner side (characteristic 32) with the following groups:
Gr. 1: white
Gr. 2: yellow
Gr. 3: pink
Gr. 4: red
Gr. 5: purple

(j) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the most frequent flower (characteristic 34) with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(k) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the most frequent flower (characteristic 35)
with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(l) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the second most frequent flower (characteristic 36) with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(m) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the second most frequent flower (characteristic 37) with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(n) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the third most frequent flower (characteristic 38) with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(o) Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the third most frequent flower (characteristic 39) with the following groups:
Gr. 1: white
Gr. 2: pink
Gr. 3: red
Gr. 4: purple

(p) Corolla throat: color of blotch (characteristic 41)

(q) Time of beginning of flowering (characteristic 43)

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 All relevant states of expression are presented in the characteristic.

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

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
1 2	**3 4**	**5 6**	**7**			
	Name of characteristics in English	**Nom du caractère en français**	**Name des Merkmals auf Deutsch**	**Nombre del carácter en español**		
	states of expression	types d'expression	Ausprägungsstufen	tipos de expresión		

1 Characteristic number

2 (*) Asterisked characteristic – see Chapter 6.1.2

3 Type of expression
QL Qualitative characteristic – see Chapter 6.3
QN Quantitative characteristic – see Chapter 6.3
PQ Pseudo-qualitative characteristic – see Chapter 6.3

4 Method of observation (and type of plot, if applicable)
MG, MS, VG, VS – see Chapter 4.1.5

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

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

7 Not applicable

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

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
1.	**QN MG/VG**	**(a)**				
	Plant: height	**Plante : hauteur**	**Pflanze: Höhe**	**Planta: altura**		
	very short	très basse	sehr niedrig	muy baja	Elvera	1
	very short to short	très basse à basse	sehr niedrig bis niedrig	muy baja a baja		2
	short	basse	niedrig	baja	Bokraspark	3
	short to medium	basse à moyenne	niedrig bis mittel	baja a media		4
	medium	moyenne	mittel	media	Gloire des bosquets	5
	medium to tall	moyenne à haute	mittel bis hoch	media a alta		6
	tall	haute	hoch	alta	Girondin	7
	tall to very tall	haute à très haute	hoch bis sehr hoch	alta a muy alta		8
	very tall	très haute	sehr hoch	muy alta	Le Printemps	9
2.	**QN VG**	**(a)**				
	Plant: height in relation to width	**Plante : hauteur par rapport à la largeur**	**Pflanze: Höhe im Verhältnis zur Breite**	**Planta: altura en relación a la anchura**		
	taller than broad	plus haute que large	höher als breit	más alta que ancha	Alexandra	1
	as tall as broad	aussi haute que large	so hoch wie breit	tan alta como ancha	Bokraspark	2
	broader than tall	plus large que haute	breiter als hoch	más ancha que alta	Ballet	3
3. **(*)**	**QN VG**	**(+)** **(a)**				
	Plant: growth habit	**Plante : port**	**Pflanze: Wuchsform**	**Planta: hábito de crecimiento**		
	upright	dressé	aufrecht	erguido		1
	upright to spreading	dressé à étalé	aufrecht bis breitwüchsig	erguido a extendido		2
	spreading	étalé	breitwüchsig	extendido		3
	drooping	retombant	überhängend	colgante		4
4.	**QN VG**	**(a)**				
	Plant: density	**Plante : densité**	**Pflanze: Dichte**	**Planta: densidad**		
	sparse	lâche	locker	escasa	Fiesta	1
	sparse to medium	lâche à moyenne	locker bis mittel	escasa a media		2
	medium	moyenne	mittel	media	Kolsunn	3
	medium to dense	moyenne à dense	mittel bis dicht	media a densa		4
	dense	dense	dicht	densa	TVP2	5

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
5.	**(*) PQ VG**		**(b)**				
		Shoot: color	**Rameau : couleur**	**Trieb: Farbe**	**Rama: color**		
		green	vert	grün	verde	Descartes	1
		red	rouge	rot	rojo	Courtadur	2
		brownish purple	pourpre brunâtre	bräunlich purpurn	púrpura amarronado	Alexandra	3
6.	**QN VG**		**(+) (b)**				
		Shoot: shape in cross-section	**Rameau : forme en section transversale**	**Trieb: Form im Querschnitt**	**Rama: forma en sección transversal**		
		rounded	arrondie	abgerundet	redondeada	Eva Rathke, Marjorie	1
		rounded to angular	arrondie à anguleuse	abgerundet bis kantig	redondeada a angular	Courtadur	2
		angular	anguleuse	kantig	angular	Descartes	3
7.	**QN VG**		**(+) (b), (c)**				
		Leaf blade: attitude in relation to shoot	**Limbe : port par rapport au rameau**	**Blattspreite: Haltung im Verhältnis zum Trieb**	**Limbo: porte en relación con la rama**		
		upwards	vers le haut	aufwärts gerichtet	ascendente	Kolmagira	1
		outwards	vers l'extérieur	abstehend	orientado hacia el exterior	Kolsunn	2
		downwards	vers le bas	abwärts gerichtet	orientado hacia abajo	Abel Carrière	3
8.	**QN MG/MS/VG**		**(+) (b), (c)**				
		Leaf blade: length	**Limbe : longueur**	**Blattspreite: Länge**	**Limbo: longitud**		
		very short	très courte	sehr kurz	muy corta		1
		very short to short	très courte à courte	sehr kurz bis kurz	muy corta a corta		2
		short	courte	kurz	corta	Bokraspark	3
		short to medium	courte à moyenne	kurz bis mittel	corta a media		4
		medium	moyenne	mittel	media	Abel Carrière	5
		medium to long	moyenne à longue	mittel bis lang	media a larga		6
		long	longue	lang	larga	Conquête	7
		long to very long	longue à très longue	lang bis sehr lang	larga a muy larga		8
		very long	très longue	sehr lang	muy larga		9

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
9.		**QN MG/MS/VG**	**(+) (b), (c)**				
		Leaf blade: width	**Limbe : largeur**	**Blattspreite: Breite**	**Limbo: anchura**		
		very narrow	très étroite	sehr schmal	muy estrecha		1
		very narrow to narrow	très étroite à étroite	sehr schmal bis schmal	muy estrecha a estrecha		2
		narrow	étroite	schmal	estrecha	Bokraspark	3
		narrow to medium	étroite à moyenne	schmal bis mittel	estrecha a media		4
		medium	moyenne	mittel	media	Wagneri	5
		medium to broad	moyenne à large	mittel bis breit	media a ancha		6
		broad	large	breit	ancha	Conquête	7
		broad to very broad	large à très large	breit bis sehr breit	ancha muy ancha		8
		very broad	très large	sehr breit	muy ancha		9
10.	**(*)**	**PQ VG**	**(+) (b), (c)**				
		Leaf blade: shape	**Limbe : forme**	**Blattspreite: Form**	**Limbo: forma**		
		ovate	ovale	eiförmig	oval	Abel Carrière, Marjorie	1
		elliptic	elliptique	elliptisch	elíptica	TVP2	2
		obovate	obovale	verkehrt eiförmig	oboval	Canary	3
11.		**QN VG**	**(+) (b), (c)**				
		Leaf blade: profile in cross-section	**Limbe : profil en section transversale**	**Blattspreite: Profil im Querschnitt**	**Limbo: perfil en sección transversal**		
		concave	concave	konkav	cóncavo	Wings of Fire	1
		flat	plat	gerade	plano		2
		convex	convexe	konvex	convexo	Bokraspark	3
12.		**QN VG**	**(+) (b), (c)**				
		Leaf blade: blistering	**Limbe : cloqûre**	**Blattspreite: Blasigkeit**	**Limbo: abullonado**		
		absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Alexandra	1
		weak to medium	faible à moyenne	gering bis mittel	débil a medio	Courtared	2
		medium	moyenne	mittel	medio	Féerie	3
		medium to strong	moyenne à forte	mittel bis stark	medio a fuerte	Courtatom	4
		strong	forte	stark	fuerte	Caricature	5
13.	**(*)**	**QN VG**		**(b), (c)**			
		Leaf blade: pubescence of lower side	**Limbe : pubescence de la face inférieure**	**Blattspreite: Behaarung der Unterseite**	**Limbo: pubescencia del envés**		
		absent or sparse	absente ou lâche	fehlend oder locker	ausente o escasa	Venusta	1
		medium	moyenne	mittel	media	TVP2	2
		dense	dense	dicht	densa	Courtadur	3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
14.		**QN VG**	**(+) (b), (c)**				
		Leaf blade: undulation of margin	**Limbe : ondulation du bord**	**Blattspreite: Randwellung**	**Limbo: ondulación del margen**		
		absent or weak	absente ou faible	fehlend oder gering	ausente o débil	Alexandra	1
		medium	moyenne	mittel	media	Kosteriana Variegata	2
		strong	forte	stark	fuerte	Courtared	3
15.		**QN VG**	**(b), (c)**				
		Leaf blade: incisions of margin	**Limbe : incisions sur le bord**	**Blattspreite: Randeinschnitte**	**Limbo: incisiones del margen**		
		absent or shallow	absentes ou peu profondes	fehlend oder flach	ausentes o superficiales	Caricature	1
		medium	moyennes	mittel	medias	Alexandra	2
		deep	profondes	tief	profundas	Marjorie	3
16.	**(*)**	**PQ VG**	**(b), (c), (d), (e)**				
		Leaf blade: main color	**Limbe : couleur principale**	**Blattspreite: Hauptfarbe**	**Limbo: color principal**		
		yellow	jaune	gelb	amarillo	Newzako	1
		light green	vert clair	hellgrün	verde claro	Bokrarob	2
		medium green	vert moyen	mittelgrün	verde medio	Abel Carrière	3
		dark green	vert foncé	dunkelgrün	verde oscuro	Bristol Ruby	4
		purple	pourpre	purpurn	púrpura	Alexandra	5
17.	**(*)**	**PQ VG**	**(b), (c), (e)**				
		Leaf blade: secondary color	**Limbe : couleur secondaire**	**Blattspreite: Sekundärfarbe**	**Limbo: color secundario**		
		none	aucune	keine	ninguno	Alexandra	1
		white	blanc	weiß	blanco	Kolsunn	2
		yellowish white	blanc jaunâtre	gelblich weiß	blanco amarillento	Verweig	3
		yellow	jaune	gelb	amarillo	Brigela	4
		yellow green	vert jaune	gelbgrün	verde amarillento	Milk and Honey	5
		dark green	vert foncé	dunkelgrün	verde oscuro	Olympiade	6
18.		**PQ VG**	**(+) (b), (c), (e)**				
		Leaf blade: distribution of secondary color	**Limbe : distribution de la couleur secondaire**	**Blattspreite: Verteilung der Sekundärfarbe**	**Limbo: distribución del color secundario**		
		on margin only	au bord seulement	nur am Rand	sólo en el borde	Marginata Alba	1
		marginal zone	zone marginale	Randzone	zona del borde	Brigela	2
		central zone	zone centrale	mittlere Zone	zona central	Olympiade	3
		irregular	irrégulière	unregelmäßig	irregular	Milk and Honey	4

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
19.	**(*)**	**QL** **VG**	**(b), (c), (e)**				
		Leaf blade: presence of tertiary color	**Limbe : présence de la couleur tertiaire**	**Blattspreite: Vorhandensein von Tertiärfarbe**	**Limbo: presencia de color terciario**		
		absent	absente	fehlend	ausente	Alexandra	1
		present	présente	vorhanden	presente	Kolmagira, Verweig	9
20.		**PQ** **VG**	**(b), (c), (e)**				
		Leaf blade: tertiary color	**Limbe : couleur tertiaire**	**Blattspreite: Tertiärfarbe**	**Limbo: color terciario**		
		none	aucune	keine	ninguno		1
		white	blanc	weiß	blanco		2
		yellowish white	blanc jaunâtre	gelblich weiß	blanco amarillento		3
		yellow	jaune	gelb	amarillo		4
		light green	vert clair	hellgrün	verde claro		5
		medium green	vert moyen	mittelgrün	verde medio		6
		greyish green	vert grisâtre	graugrün	verde grisáceo		7
21.		**PQ** **VG**	**(+)**				
		Flower bud: color	**Bouton floral : couleur**	**Blütenknospe: Farbe**	**Botón floral: color**		
		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
22.		**PQ** **VG**	**(+)** **(f)**				
		Sepal: color	**Sépale : couleur**	**Kelchblatt: Farbe**	**Sépalo: color**		
		green	vert	grün	verde	Courtalor	1
		green and red	vert et rouge	grün und rot	verde y rojo	Olympiade	2
		red	rouge	rot	rojo	Bokrasopin, Verweig 4	3
		purple	pourpre	purpurn	púrpura	Alexandra	4
23.		**QN** **VG**	**(f)**				
		Sepal: pubescence	**Sépale : pubescence**	**Kelchblatt: Behaarung**	**Sépalo: pubescencia**		
		absent or sparse	absente ou lâche	fehlend oder locker	ausente o laxa		1
		medium	moyenne	mittel	media		2
		dense	dense	dicht	densa		3
24.	**(*)**	**QL** **VG**	**(+)**				
		Inflorescence: type	**Inflorescence : type**	**Blütenstand: Typ**	**Inflorescencia: tipo**		
		solitary flower	uniflore	Einzelblüte	flor solitaria	Elvera	1
		simple panicle	panicule simple	einfache Rispe	panícula simple	Verweig 4	2
		compound panicle	panicule composée	zusammengesetzte Rispe	panícula compuesta	Courtadur	3

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
25.		**QN MG/VG**	**(f), (g)**				
		Corolla: length	**Corolle : longueur**	**Krone: Länge**	**Corola: longitud**		
		short	courte	kurz	corta		1
		medium	moyenne	mittel	media		2
		long	longue	lang	larga		3
26.		**QN MG/VG**	**(f), (g)**				
		Corolla: width	**Corolle : largeur**	**Krone: Breite**	**Corola: anchura**		
		very narrow	très étroite	sehr schmal	muy estrecha	Slingpink	1
		very narrow to narrow	très étroite à étroite	sehr schmal bis schmal	muy estrecha a estrecha		2
		narrow	étroite	schmal	estrecha	Victoria	3
		narrow to medium	étroite à moyenne	schmal bis mittel	estrecha a media		4
		medium	moyenne	mittel	media	Fiesta	5
		medium to broad	moyenne à large	mittel bis breit	media a ancha		6
		broad	large	breit	ancha	Courtadur	7
		broad to very broad	large à très large	breit bis sehr breit	ancha muy ancha		8
		very broad	très large	sehr breit	muy ancha	Conquête	9
27.		**QN VG**	**(f), (g)**				
		Corolla: length in relation to width	**Corolle : longueur par rapport à la largeur**	**Krone: Länge im Verhältnis zur Breite**	**Corola: longitud en relación a la anchura**		
		longer than broad	plus longue que large	länger als breit	más larga que ancha	TVP2	1
		as long as broad	aussi longue que large	so lang wie breit	tan larga como ancha	Bristol Ruby	2
		broader than long	plus large que longue	breiter als lang	más ancha que larga	Brigela	3
28.	**(*)**	**QL VG**	**(+)**				
		Plant: different colored flowers	**Plante : fleurs de couleurs différentes**	**Pflanze: verschiedenfarbige Blüten**	**Planta: flores de diferentes colores**		
		absent	absentes	fehlend	ausentes		1
		present	présentes	vorhanden	presentes		9
29.	**(*)**	**PQ VG**	**(d), (f), (g)**				
		<u>Only varieties with Plant: different colored flowers: absent:</u> Corolla lobe: main color of outer side	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : absentes</u> : Lobe de la corolle : couleur principale de la face externe**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: fehlend:</u> Kronlappen: Hauptfarbe der Außenseite**	**<u>Solo variedades con Planta: flores de diferentes colores ausentes:</u> Lóbulo de la corola: color principal de la cara externa**		
		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		

		English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
30.		**PQ VG**	**(f), (g)**				
		<u>Only varieties with Plant: different colored flowers: absent:</u> Corolla lobe: secondary color of outer side	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : absentes</u> : Lobe de la corolle : couleur secondaire de la face externe**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: fehlend:</u> Kronlappen: Sekundärfarbe der Außenseite**	**<u>Solo variedades con Planta: flores de diferentes colores ausentes:</u> Lóbulo de la corola: color secundario de la cara externa**		
		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
31.		**PQ VG**	**(+) (f), (g)**				
		<u>Only varieties with Plant: different colored flowers: absent:</u> Corolla lobe: distribution of secondary color of outer side	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : absentes</u> : Lobe de la corolle : distribution de la couleur secondaire de la face externe**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: fehlend:</u> Kronlappen: Verteilung der Sekundärfarbe der Außenseite**	**<u>Solo variedades con Planta: flores de diferentes colores ausentes:</u> Lóbulo de la corola: distribución del color secundario de la cara externa**		
		on margin only	au bord seulement	nur am Rand	sólo en el margen		1
		marginal zone	zone marginale	Randzone	zona del borde		2
		central zone	zone centrale	mittlere Zone	zona central		3
32.	**(*)**	**PQ VG**	**(d), (f), (g)**				
		<u>Only varieties with Plant: different colored flowers: absent:</u> Corolla lobe: main color of inner side	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : absentes</u> : Lobe de la corolle : couleur principale de la face interne**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: fehlend:</u> Kronlappen: Hauptfarbe der Innenseite**	**<u>Solo variedades con Planta: flores de diferentes colores ausentes:</u> Lóbulo de la corola: color principal de la cara interna**		
		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
33.		**PQ VG**	**(f), (g)**				
		<u>Only varieties with Plant: different colored flowers: absent:</u> Corolla lobe: secondary color of inner side	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : absentes</u> : Lobe de la corolle : couleur secondaire de la face interne**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: fehlend:</u> Kronlappen: Sekundärfarbe der Innenseite**	**<u>Solo variedades con Planta: flores de diferentes colores ausentes:</u> Lóbulo de la corola: color secundario de la cara interna**		
		RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
34. (*)	**PQ VG**	**(f), (g), (h)**				
	<u>Only varieties with Plant: different colored flowers: present:</u> Corolla lobe: main color of outer side of the most frequent flower	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : présentes</u> : Lobe de la corolle : couleur principale de la face externe de la fleur la plus fréquente**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden:</u> Kronlappen: Hauptfarbe der Außenseite der häufigsten Blüten**	**<u>Solo variedades con Planta: flores de diferentes colores presentes:</u> Lóbulo de la corola: color principal de la cara externa de la flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
35. (*)	**PQ VG**	**(f), (g), (h)**				
	<u>Only varieties with Plant: different colored flowers: present:</u> Corolla lobe: main color of inner side of the most frequent flower	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : présentes</u> : Lobe de la corolle : couleur principale de la face interne de la fleur la plus fréquente**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden:</u> Kronlappen: Hauptfarbe der Innenseite der häufigsten Blüten**	**<u>Solo variedades con Planta: flores de diferentes colores presentes:</u> Lóbulo de la corola: color principal de la cara interna de la flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
36. (*)	**PQ VG**	**(f), (g), (i)**				
	<u>Only varieties with Plant: different colored flowers: present:</u> Corolla lobe: main color of outer side of the second most frequent flower	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : présentes</u> : Lobe de la corolle : couleur principale de la face externe de la deuxième fleur la plus fréquente**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden:</u> Kronlappen: Hauptfarbe der Außenseite der zweithäufigsten Blüten**	**<u>Solo variedades con Planta: flores de diferentes colores presentes:</u> Lóbulo de la corola: color principal de la cara externa de la segunda flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
37. (*)	**PQ VG**	**(f), (g), (i)**				
	<u>Only varieties with Plant: different colored flowers: present:</u> Corolla lobe: main color of inner side of the second most frequent flower	**<u>Seulement variétés avec Plante : fleurs de couleurs différentes : présentes</u> : Lobe de la corolle : couleur principale de la face interne de la deuxième fleur la plus fréquente**	**<u>Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden:</u> Kronlappen: Hauptfarbe der Innenseite der zweithäufigsten Blüten**	**<u>Solo variedades con Planta: flores de diferentes colores presentes:</u> Lóbulo de la corola: color principal de la cara interna de la segunda flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
38. (*)	**PQ VG**	**(f), (g), (i)**				
	Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the third most frequent flower	**Seulement variétés avec Plante : fleurs de couleurs différentes : présentes : Lobe de la corolle : couleur principale de la face externe de la troisième fleur la plus fréquente**	**Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden: Kronlappen: Hauptfarbe der Außenseite der dritthäufigsten Blüten**	**Solo variedades con Planta: flores de diferentes colores presentes: Lóbulo de la corola: color principal de la cara externa de la tercera flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
39. (*)	**PQ VG**	**(f), (g), (i)**				
	Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the third most frequent flower	**Seulement variétés avec Plante : fleurs de couleurs différentes : présentes : Lobe de la corolle : couleur principale de la face interne de la troisième fleur la plus fréquente**	**Nur Sorten mit Pflanze: verschiedenfarbige Blüten: vorhanden: Kronlappen: Hauptfarbe der Innenseite der dritthäufigsten Blüten**	**Solo variedades con Planta: flores de diferentes colores presentes: Lóbulo de la corola: color principal de la cara interna de la tercera flor más frecuente**		
	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indíquese el número de referencia)		
40.	**QN VG**	**(+) (f)**				
	Corolla lobe: attitude	**Lobe de la corolle : port**	**Kronlappen: Haltung**	**Lóbulo de la corola: porte**		
	erect	dressé	aufrecht	erecto	Bokrarob	1
	semi-erect	demi-dressé	halbaufrecht	semierecto	Gloire des Bosquets	2
	horizontal	horizontal	waagerecht	horizontal	Olympiade	3
41. (*)	**PQ VG**	**(+) (f)**				
	Corolla throat: color of blotch	**Gorge de la corolle : couleur de la tache**	**Kronenschlund: Farbe des Flecks**	**Garganta de la corola: color de la mancha**		
	none	aucune	keine	ninguno		1
	yellow	jaune	gelb	amarillo	Courtadur	2
	orange yellow	jaune orangé	orangegelb	amarillo anaranjado	Bokrarob	3
	yellow or red	jaune ou rouge	gelb oder rot	amarillo o rojo	Mango	4
42. (*)	**QN VG**	**(+)**				
	Stigma: position in relation to anthers	**Stigmate : position par rapport aux anthères**	**Narbe: Stellung im Verhältnis zu den Antheren**	**Estigma: posición en relación con las anteras**		
	same level	au même niveau	auf gleicher Höhe	mismo nivel	Kolmas	1
	slightly above	légèrement au-dessus	etwas oberhalb	ligeramente por encima	Olympiade	2
	strongly above	fortement au-dessus	deutlich oberhalb	fuertemente por encima	Brigela, Rubidor	3

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
43. (*)	**QN MG/VG**	**(+)**				
	Time of beginning of flowering	**Époque du début de la floraison**	**Zeitpunkt des Blühbeginns**	**Época de inicio de la floración**		
	very early	très précoce	sehr früh	muy temprana	Canary	1
	very early to early	très précoce à précoce	sehr früh bis früh	muy temprana a temprana		2
	early	précoce	früh	temprana	Bokraspark, Pink Princess	3
	early to medium	précoce à moyenne	früh bis mittel	temprana a media		4
	medium	moyenne	mittel	media	Abel Carrière	5
	medium to late	moyenne à tardive	mittel bis spät	media a tardía		6
	late	tardive	spät	tardía	Bokrarob	7
	late to very late	tardive à très tardive	spät bis sehr spät	tardía a muy tardía		8
	very late	très tardive	sehr spät	muy tardía	Marjorie	9
44. (*)	**QL VG**					
	Second flowering	**Deuxième floraison**	**Zweite Blüte**	**Segunda floración**		
	absent	absente	fehlend	ausente	Féerie	1
	present	présente	vorhanden	presente	Slingco 4	9

8. Explanations on the Table of Characteristics

8.1 Explanations covering several characteristics

Unless otherwise indicated all observations should be made when 50% of the inflorescences have open flowers.

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

(a) Observation should be made just before flowering.

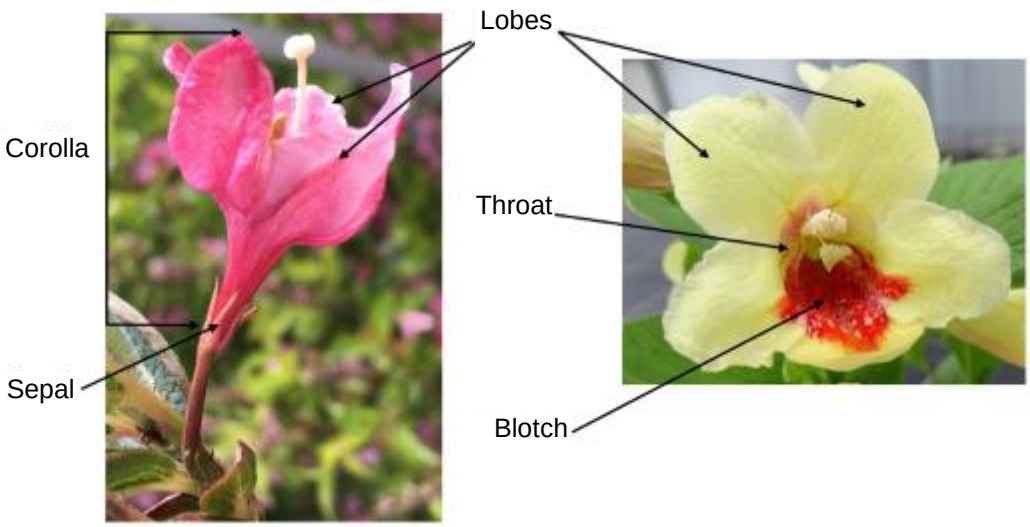
(b) Observations should be made on current year's growth.

(c) Observations should be made on fully expanded leaves.

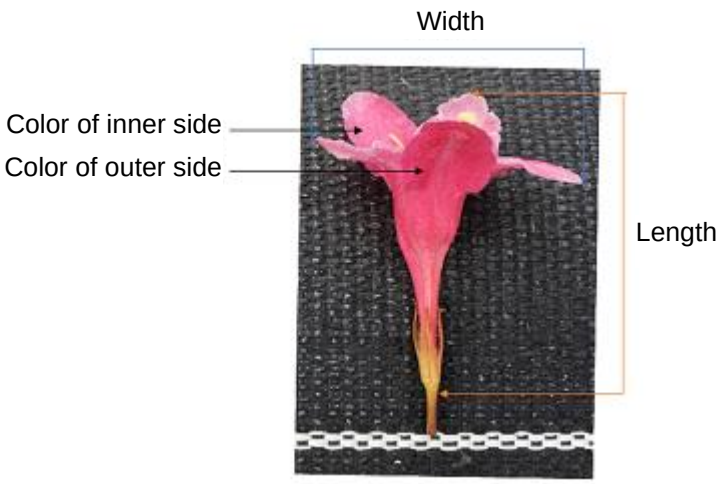
(d) The main color is the color with the largest surface area. The secondary color is the color with the second largest surface area. In cases where the areas of the main and secondary color are too similar to reliably decide which color has the largest area, the darker color is considered to be the main color. The tertiary color is the color with the third largest surface area. In cases where the areas of the secondary and tertiary color are too similar to reliably decide which color has the second largest area, the darker color is considered to be the secondary color.

(e) Observations should be made on the upper side of the leaf blade.

(f)



(g)

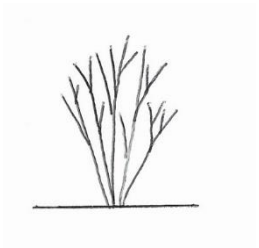


(h) The most frequent flower is the flower whose color occurs at the highest frequency on the plant. In cases where the frequency of the most frequent flower and the second most frequent flower are too similar to reliably decide which flower has the highest frequency on the plant, the flower with the darker color is considered to be the most frequent flower.

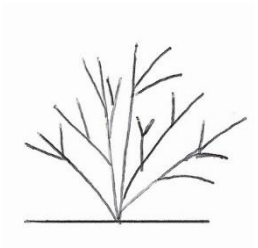
(i) The second most frequent flower is the flower whose color occurs at the second highest frequency on the plant. In cases where the frequency of the second most frequent flower and the third most frequent flower are too similar to reliably decide which has the second highest frequency, the flower with the darker color is considered to be the second most frequent flower.

8.2 Explanations for individual characteristics

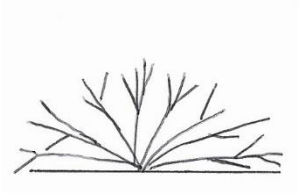
Ad. 3: Plant: growth habit



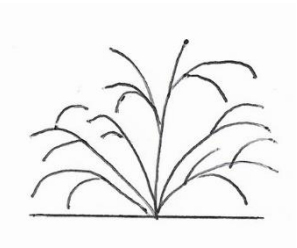
1
upright



2
upright to spreading



3
spreading



4
drooping

Ad. 6: Shoot: shape in cross-section

1
rounded

2
rounded to angular

3
angular

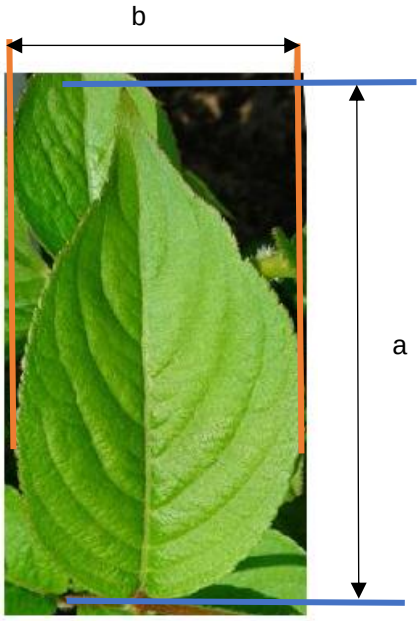
Ad. 7: Leaf blade: attitude in relation to shoot

1
upwards

2
outwards

3
downwards

Ad. 8: Leaf blade: length

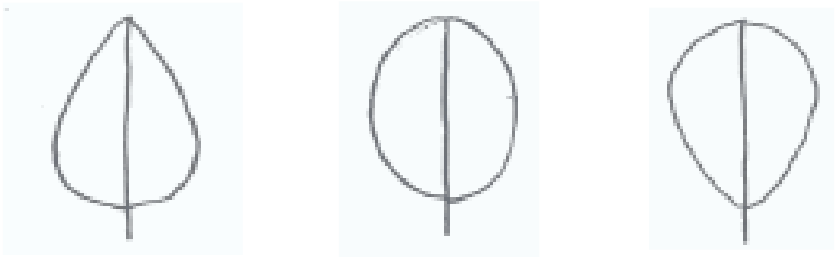


a = Leaf blade: length
b = Leaf blade: width

Ad. 9: Leaf blade: width

See Ad. 8

Ad. 10: Leaf blade: shape



1
ovate

2
elliptic

3
obovate

Ad. 11: Leaf blade: profile in cross-section

1
concave

2
flat

3
convex

Ad. 12: Leaf blade: blistering

1
absent or weak

3
medium

5
strong

Ad. 14: Leaf blade: undulation of margin

1
absent or weak

3
strong

Ad. 18: Leaf blade: distribution of secondary color

1
on margin only

2
marginal zone

3
central zone

Ad. 21: Flower bud: color

Observation should be made just before opening of the bud.
Observation should be made on the color covering the largest surface area.

Ad. 22: Sepal: color

Observation should be made on the color covering the largest surface area.

Ad. 24: Inflorescence: type

1
solitary flower

2
simple panicle

3
compound panicle

Ad. 28: Plant: different colored flowers

Absent: all flowers have the same color.
Present: different colored flowers occur on the same plant.

1
absent

9
present

Ad. 31: Only varieties with Plant: different colored flowers: absent: Corolla lobe: distribution of secondary color of outer side

1
on margin only

2
marginal zone

3
central zone

Ad. 40: Corolla lobe: attitude

1
erect

2
semi-erect

3
horizontal

Ad. 41: Corolla throat: color of blotch

State 4 “yellow or red” means that on the same plant there are simultaneously flowers with a yellow blotch in the corolla throat and flowers with a red blotch in the corolla throat.

Ad. 42: Stigma: position in relation to anthers

1
same level

2
slightly above

3
strongly above

Ad. 43: Time of beginning of flowering

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

9. Literature

De Courtye, 1992: Le Weigela. Chapitre d'ouvrage “Amélioration des espèces végétales cultivées” par A. Gallais et H. Bannerot, Edition INRA, p. 358

Grootendorst, 1968: Weigela. DENDROFLORA, Nr. 5. Boskoop, NL, pp. 56 to 60

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Howard R., 1965: A check-list of Cultivar names in Weigela. Arnoldia volume 25, pp. 9 to 11

Krüssman G., 1976 - 77: Handbuch der Laubgehölze. Bd I + II, Paul Parey, Hamburg, DE

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	*Weigela* Thunb.
1.2	Common name	Weigela
1.3	Species (please indicate):	

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 variety)

(……..……..…) 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 (3)	**Plant: growth habit**		
	upright		1 [ ]
	upright to spreading		2 [ ]
	spreading		3 [ ]
	drooping		4 [ ]
5.2 (5)	**Shoot: color**		
	green	Descartes	1 [ ]
	red	Courtadur	2 [ ]
	brownish purple	Alexandra	3 [ ]
5.3 (16)	**Leaf blade: main color**		
	yellow	Newzako	1 [ ]
	light green	Bokrarob	2 [ ]
	medium green	Abel Carrière	3 [ ]
	dark green	Bristol Ruby	4 [ ]
	purple	Alexandra	5 [ ]
5.4 (17)	**Leaf blade: secondary color**		
	none	Alexandra	1 [ ]
	white	Kolsunn	2 [ ]
	yellowish white	Verweig	3 [ ]
	yellow	Brigela	4 [ ]
	yellow green	Milk and Honey	5 [ ]
	dark green	Olympiade	6 [ ]
5.5 (19)	**Leaf blade: presence of tertiary color**		
	absent	Alexandra	1 [ ]
	present	Kolmagira, Verweig	9 [ ]
5.6 (24)	**Inflorescence: type**		
	solitary flower	Elvera	1 [ ]
	simple panicle	Verweig 4	2 [ ]
	compound panicle	Courtadur	3 [ ]

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

	Characteristics	Example Varieties	Note
5.7 (28)	**Plant: different colored flowers**		
	absent		1 [ ]
	present		9 [ ]
5.8(i) (29)	**Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of outer side**		
	RHS Colour Chart (indicate reference number)		
5.8(ii) (29)	**Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of outer side**		
	white		1 [ ]
	yellow		2 [ ]
	pink		3 [ ]
	red		4 [ ]
	purple		5 [ ]
	other (please specify)		6 [ ]
5.9(i) (32)	**Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of inner side**		
	RHS Colour Chart (indicate reference number)		
5.9(ii) (32)	**Only varieties with Plant: different colored flowers: absent: Corolla lobe: main color of inner side**		
	white		1 [ ]
	yellow		2 [ ]
	pink		3 [ ]
	red		4 [ ]
	purple		5 [ ]
	other (please specify)		6 [ ]
5.10(i) (34)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.10(ii) (34)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]

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

	Characteristics	Example Varieties	Note
5.11(i) (35)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.11(ii) (35)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]
5.12(i) (36)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the second most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.12(ii) (36)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of outer side of the second most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]
5.13(i) (37)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the second most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.13(ii) (37)	**Only varieties with Plant: different colored flowers: present: Corolla lobe: main color of inner side of the second most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]

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

	Characteristics	Example Varieties	Note
5.14(i) (38)	**<u>Only varieties with Plant: different colored flowers:</u> <u>present:</u> Corolla lobe: main color of outer side of the third most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.14(ii) (38)	**<u>Only varieties with Plant: different colored flowers:</u> <u>present:</u> Corolla lobe: main color of outer side of the third most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]
5.15(i) (39)	**<u>Only varieties with Plant: different colored flowers:</u> <u>present:</u> Corolla lobe: main color of inner side of the third most frequent flower**		
	RHS Colour Chart (indicate reference number)		
5.15(ii) (39)	**<u>Only varieties with Plant: different colored flowers:</u> <u>present:</u> Corolla lobe: main color of inner side of the third most frequent flower**		
	white		1 [ ]
	pink		2 [ ]
	red		3 [ ]
	purple		4 [ ]
	other (please specify)		5 [ ]
5.16 (41)	**Corolla throat: color of blotch**		
	none		1 [ ]
	yellow	Courtadur	2 [ ]
	orange yellow	Bokrarob	3 [ ]
	yellow or red	Mango	4 [ ]
5.17 (43)	**Time of beginning of flowering**		
	very early	Canary	1 [ ]
	very early to early		2 [ ]
	early	Bokraspark, Pink Princess	3 [ ]
	early to medium		4 [ ]
	medium	Abel Carrière	5 [ ]
	medium to late		6 [ ]
	late	Bokrarob	7 [ ]
	late to very late		8 [ ]
	very late	Marjorie	9 [ ]

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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: main color*	*yellow*	*dark 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 photograph of the variety displaying its main distinguishing feature(s), should accompany the Technical Questionnaire. The photograph will provide a visual illustration of the candidate variety which supplements the information provided in the Technical Questionnaire.

The key points to consider when taking a photograph of the candidate variety are:

- Indication of the date and geographic location
- Correct labeling (breeder's reference)
- Good quality printed photograph (minimum 10 cm x 15 cm) and/or sufficient resolution electronic format version (minimum 960 x 1280 pixels)"

Further guidance on providing photographs with the Technical Questionnaire is available in document TGP/7 "Development of Test Guidelines", Guidance Note 35 (http://www.upov.int/tgp/en/).

[The link provided may be deleted by members of the Union when developing authorities' own test guidelines.]

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

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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. 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]