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**INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS**  
 GENEVA

**DRAFT**

**PETUNIA**

*(Petunia Juss.)*

**GUIDELINES**

**FOR THE CONDUCT OF TESTS**

**FOR DISTINCTNESS, UNIFORMITY AND STABILITY**

Alternative Names: \*

<i>Latin</i>	<i>English</i>	<i>French</i>	<i>German</i>	<i>Spanish</i>
<i>Petunia Juss.</i>	Petunia	Pétunia	Petunia	Petunia

**ASSOCIATED DOCUMENTS**

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

Other associated UPOV document: **TG/CALIBR(proj.2)**

\* 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 Guidelines

These Test Guidelines apply to all varieties of the genus *Petunia* Juss. of the family Solanaceae. These Test Guidelines do not apply to varieties of the genus *Calibrachoa*, which are covered by the Test Guidelines for *Calibrachoa* (TG/CALIBR(proj.2)).

## 2. Material Required

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

2.2 The material is to be supplied in the form of rooted cuttings or seeds.

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

- for vegetatively propagated varieties: 35 rooted cuttings;
- for seed propagated varieties: 600 seeds, preferably supplied in 6 portions, each of 100 seeds, or 0.2 g seeds.

2.4 In the case of seed, the seeds should meet the minimum requirements for germination, species and analytical purity, health and moisture content, specified by the competent authority. In cases where the seed is to be stored, the germination capacity should be as high as possible and should be stated by the applicant. The germination capacity should be at least 60%.

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

2.6 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 *Duration of Tests*

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

### 3.2 *Testing Place*

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

### 3.3 *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. In particular, unless otherwise stated, all observations should be made at the time of full flowering.

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.

### 3.4 *Test Design*

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

3.4.2 In the case of vegetatively propagated varieties, each test should be designed to result in a total of at least 20 plants.

3.4.3 In the case of seed propagated varieties, each test should be designed to result in a total of at least 40 plants.

### 3.5 *Number of Plants/Part of Plant to be Examined*

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

3.5.2 Unless otherwise indicated, all observations on seed propagated varieties determined by measuring or counting should be made on 20 plants or part taken from each of 20 plants.

### 3.6 *Additional Tests*

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

## 4. Assessment of Distinctness, Uniformity and Stability

### 4.1 *Distinctness*

#### 4.1.1 *General Recommendations*

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

#### 4.1.2 Consistent Differences

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

#### 4.1.3 Clear Differences

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

### 4.2 *Uniformity*

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

4.2.2 For the assessment of uniformity of vegetatively propagated varieties and seed propagated varieties which are self-pollinated, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 20 plants, 1 off-type is allowed.

4.2.3 For the assessment of uniformity of seed-propagated varieties which are cross-pollinated or are hybrids, the recommendations in the General Introduction for cross-pollinated or hybrid varieties should be followed, as appropriate.

### 4.3 *Stability*

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

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

## 5. Grouping of Varieties and Organization of the Growing Trial

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

5.2 Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with others such characteristics: (a) to select varieties of common knowledge that can be excluded

from the growing trial used for examination of distinctness; and (b) to organize the growing trials so that similar varieties are grouped together.

5.3 The following have been agreed as useful grouping characteristics:

- (a) Leaf blade: variegation (characteristic 9);
- (b) Flower: type (characteristic 18);
- (c) Corolla lobe: number of colors of upper side (excluding veins) (characteristic 22);
- (d) Corolla lobe: main color of upper side (characteristic 23);
- (e) Corolla lobe: conspicuousness of veins on upper side (characteristic 27).

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*

- (\*) Asterisk characteristic –see Section 6.1.2
- QL Qualitative characteristic –see Section 6.3
- QN Quantitative characteristic –see Section 6.3
- PQ Pseudo-Quantitative characteristic –see Section 6.3
- (+) See Explanations on the Table of Characteristics in Chapter 8.

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

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>1.</b> (*)	<b>Plant: growth habit</b>	<b>Plante: port</b>	<b>Pflanze: Wuchsform</b>	<b>Planta: porte</b>		
<b>QL</b>	upright	dressé	aufrecht	erecto	YellowApplePie	1
	creeping	rampant	kriechend	trepador	Limelight	2
<b>2.</b> (*)	<b>Plant: height</b>	<b>Plante: hauteur</b>	<b>Pflanze: Höhe</b>	<b>Planta: altura</b>		
<b>QN</b>	short	courte	niedrig	baja	Keiyeul	3
	medium	moyenne	mittel	media	FlowerfallsLightPink	5
	tall	haute	hoch	alta	Conmoha	7
<b>3.</b> (*) (+)	<b>Shoot: length</b>	<b>Tige: longueur</b>	<b>Trieb: Länge</b>	<b>Brote: longitud</b>		
<b>QN</b>	short	courte	kurz	corto	FlowerfallsLightPink	3
	medium	moyenne	mittel	medio	Cobink	5
	long	longue	lang	largo	Conmoha	7
<b>4.</b>	<b>Shoot: thickness (in lower third)</b>	<b>Tige: épaisseur (au tiers inférieur)</b>	<b>Trieb: Dicke (im unteren Drittel)</b>	<b>Brote: espesor (en el tercio inferior)</b>		
<b>QN</b>	thin	fine	dünn	delgado		3
	medium	moyenne	mittel	medio		5
	thick	épaisse	dick	grueso		7
<b>5.</b> (*)	<b>Leafblade: length</b>	<b>Limbe: longueur</b>	<b>Blattspreite: Länge</b>	<b>Limbo: longitud</b>		
<b>QN</b>	short	court	kurz	corto	FortPinkVein	3
	medium	moyen	mittel	medio	Duesurwi	5
	long	long	lang	largo	Cobink	7
<b>6.</b> (*)	<b>Leafblade: width</b>	<b>Limbe: largeur</b>	<b>Blattspreite: Breite</b>	<b>Limbo: anchura</b>		
<b>QN</b>	narrow	étroit	schmal	estrecho	FortPinkVein	3
	medium	moyen	mittel	medio	Duesurwi	5
	broad	large	breit	ancho	Cobink	7



	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>7.</b> (* (+)	<b>Leafblade:shape</b>	<b>Limbe:forme</b>	<b>Blattspreite:Form</b>	<b>Limbo:forma</b>		
<b>PQ</b>	ovate	ovale	eiförmig	oval		1
	elliptic	elliptique	elliptisch	elíptico		2
	circular	arrondi	rundlich	redondo		3
	obovate	obovale	verkehrteiförmig	oboval		4
	rhombic	losangique	rautenförmig	rómbico		5
<b>8.</b> (+)	<b>Leafblade:shape of apex</b>	<b>Limbe:forme du sommet</b>	<b>Blattspreite:Form der Spitze</b>	<b>Limbo:form del ápice</b>		
<b>PQ</b>	narrow acute	aigu étroit	schmal spitz	agudo estrecho		1
	broad acute	aigu large	breit spitz	agudo ancho		2
	obtuse	obtus	stumpf	obtus		3
<b>9.</b> (* (+)	<b>Leafblade: variegation</b>	<b>Limbe:panachure</b>	<b>Blattspreite: Panaschierung</b>	<b>Limbo:variegación</b>		
<b>QL</b>	absent	absente	fehlend	ausente	Cobink	1
	present	présente	vorhanden	presente	Limelight	9
<b>10.</b> (* (+)	<b><u>Non-variegated varieties only:</u> Leafblade:green color of upper side</b>	<b><u>Variétés non panachées seulement:</u> limbe: couleur verte de la partie supérieure</b>	<b><u>Nur Sorten ohne Mischfarben:</u> Blattspreite: Grünfärbung der Oberseite</b>	<b><u>Sólo variedadessin variegación:</u> limbo: color verde del haz</b>		
<b>QN</b>	light	claire	hell	claro	Keiyeul	3
	medium	moyenne	mittel	medio	Flowerfalls Light Pink	5
	dark	foncée	dunkel	oscuro	Duesurwi	7
<b>11.</b>	<b>Leafblade: blistering</b>	<b>Limbe:cloquêre</b>	<b>Blattspreite: Blasigkeit</b>	<b>Limbo:abullonado</b>		
<b>QL</b>	absent	absente	fehlend	ausente		1
	present	présente	vorhanden	presente		9

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
<b>12.</b>	<b>Petiole:length</b>	<b>Pétiole:longueur</b>	<b>Blattstiel:Länge</b>	<b>Pecíolo:longitud</b>		
<b>QN</b>	absent or very short	très court ou absent	fehlend oder sehr kurz	ausente o muy corto		1
	short	court	kurz	corto		3
	medium	moyen	mittel	medio		5
	long	long	lang	largo		7
<b>13.</b>	<b>Pedice:l:length</b>	<b>Pédicelle:longueur</b>	<b>Blütenstiel:Länge</b>	<b>Pedicelo:longitud</b>		
<b>QN</b>	short	court	kurz	corto	Duesurimrosevein	3
	medium	moyen	mittel	medio	Conblue	5
	long	long	lang	largo	Cobink	7
<b>14. (* (+)</b>	<b>Sepal:length</b>	<b>Sépale: longueur</b>	<b>Kelchblatt:Länge</b>	<b>Sépalo:longitud</b>		
<b>QN</b>	short	court	kurz	corto	Conblue	3
	medium	moyen	mittel	medio	Duesurimrosevein	5
	long	long	lang	largo	FortHotPink	7
<b>15. (* (+)</b>	<b>Sepal:width (broadest part which is not fused)</b>	<b>Sépale:largeur (partiel plus large non soudée)</b>	<b>Kelchblatt:Breite (breiteste, nicht verwachsene Stelle)</b>	<b>Sépalo:anchura (partem ás anchura soldada)</b>		
<b>QN</b>	narrow	étroit	schmal	estrecho	Conblue	3
	medium	moyen	mittel	medio	Duesurimrosevein	5
	broad	large	breit	ancho	TrumpetPink	7

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
<b>16.</b>	<b>Sepal:shape</b>	<b>Sépale:forme</b>	<b>Kelchblatt:Form</b>	<b>Sépalo:forma</b>		
(+)						
<b>PQ</b>	linear	linéaire	linear	lineal		1
	lanceolate	lancéolé	lanzettlich	lanceolado		2
	ovate	ovale	eiförmig	oval		3
	elliptic	elliptique	elliptisch	elíptico		4
	obovate	obovale	verkehrteiförmig	oboval		5
	spatulate	spatulé	spatelförmig	espatulado		6
	rhombic	losangique	rautenförmig	rómbico		7
<b>17.</b>	<b>Sepal:anthocyanin coloration</b>	<b>Sépale:pigmentation anthocyanique</b>	<b>Kelchblatt: Anthocyanfärbung</b>	<b>Sépalo: pigmentación antociánica</b>		
<b>QL</b>	absent	absente	fehlend	ausente	FlowerfallsLightPink	1
	present	présente	vorhanden	presente	Limelight	9
<b>18.</b>	<b>Flower:type</b>	<b>Fleur:type</b>	<b>Blüte:Typ</b>	<b>Flor:tipo</b>		
(*)						
<b>QL</b>	single	simple	einfach	único	FlowerfallsLightPink	1
	double	double	gefüllt	doble	Kercla	2
<b>19.</b>	<b>Flower:diameter</b>	<b>Fleur:diamètre</b>	<b>Blüte:Durchmesser</b>	<b>Flor:diámetro</b>		
(*)						
(+)						
<b>QN</b>	small	petit	klein	pequeño	Cobink	3
	medium	moyen	mittel	medio	Klefapurle	5
	large	grand	groß	grande	Sunlapur	7
<b>20.</b>	<b>Flower:shape</b>	<b>Fleur:forme</b>	<b>Blüte:Form</b>	<b>Flor:forma</b>		
(*)						
(+)						
<b>QL</b>	salvershaped	hypocratériforme	tellerförmig	enformadeplato		1
	funnelshaped	enentonnoir	trichterförmig	enformadeembudo		2

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedadesejemplo	Note/ Nota
<b>21.</b>	<b>Flower:colorof veins</b>	<b>Fleur:couleurdes nervures</b>	<b>Blüte:Farbeder Aderung</b>	<b>Flor:colordelos nervios</b>		
<b>PQ</b>	yellow	jaune	gelb	amarillo		1
	red	rouge	rot	rojo		2
	purple	pourpre	purpur	púrpura		3
<b>22. (* )</b>	<b>Corollalobe:: numberofcolorsof upperside (excludingveins)</b>	<b>Lobedelacorolle: nombredecouleurs surlaface supérieure(non comprisedes nervures)</b>	<b>Kronlappen:Anzahl Farbender Oberseite (ohne Aderung)</b>	<b>Lóbulodelacorola: númerodecoloresde lapartesuperior (excluyendolos nervios)</b>		
<b>QL</b>	one	une	eine	uno		1
	two	deux	zwei	dos		2
	morethantwo	plusededeux	mehralszwei	másdedos		3
<b>23. (* )</b>	<b>Corollalobe:main colorofupperside</b>	<b>Lobedelacorolle: couleurprincipale de lafacesupérieure</b>	<b>Kronlappen: Hauptfarbender Oberseite</b>	<b>Lóbulodelacorola: colorprincipalde la partesuperior</b>		
<b>PQ</b>	RHSColourChart (indicatereference number)	CodeRHSdes couleurs(indiquerle numéroderéférence)	RHS-Farbkarte Nummerangeben	CartadecoloresRHS (indicarnúmerode referencia)		
<b>24. (* )</b>	<b><u>Forbi -andmulti - coloredvarieties only:Corollalobe: secondarycolorof upperside</u></b>	<b><u>Variétésbiet multicolores seulement:Lobede lacorolle:couleur secondairedelaface supérieure</u></b>	<b><u>Nurfür zwei -und mehrfarbigeSorten : Kronlappen: Sekundärfarbeder Oberseite</u></b>	<b><u>Sóloparavarietades bicoloresy multicolores:lóbulo delacorola:color secundariodela partesuperior</u></b>		
<b>PQ</b>	RHSColourChart (indicatereference number)	CodeRHSdes couleurs(indiquerle numéroderéférence)	RHS-Farbkarte (Nummerangeben)	CartadecoloresRHS (indicarnúmerode referencia)		

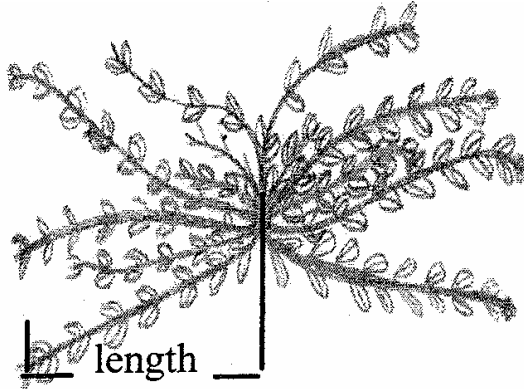
	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>25.</b> (* (+)	<b><u>Forbi -and multi-colored varieties only :</u></b> <b>Corolla lobe: distribution of secondary color</b>	<b><u>Variétés bicolores seulement:</u></b> Lobed <b>la corolle: répartition de la couleur secondaire</b>	<b><u>Nur für zwei -und mehrfarbige Sorten :</u></b> <b>Kronlappen: Verteilung der Sekundärfarbe</b>	<b><u>Sólo para variedades bicolor es y multicolores:</u></b> lóbulo de la corola: distribución del color secundario		
<b>PQ</b>	at transit ion to corolla tube	autour du tube de la corolle	am Übergang zur Kronröhre	en la transición al tubo de la corola		1
	along mid -vein	le long de la nervure principale	entlang des Mittelnervs	al o largo del nervio central		2
	at margin	aubord	am Rand	en el borde		3
<b>26.</b>	<b><u>Formulti -colored varieties only:</u></b> <b>Corolla lobe: tertiary color of upper side</b>	<b><u>Variétés multicolores seulement:</u></b> Lobed <b>la corolle: couleur de la face supérieure</b>	<b><u>Nur für mehrfarbige Sorten:</u></b> Kronlappen: Tertiärfarbe der Oberseite	<b><u>Sólo para variedades multicolores:</u></b> lóbulo de la corola: color terciario de la parte superior		
<b>PQ</b>	RHS Colour Chart (indicating reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte (Nummer angeben)	Carta de colores RHS (indicando número de referencia)		
<b>27.</b> (*	<b>Corolla lobe: conspicuousness of vein on upper side</b>	<b>Lobe de la corolle: netteté des nervures sur la face supérieure</b>	<b>Kronlappen: Ausprägung der Aderung der Oberseite</b>	<b>Lóbulo de la corola: evidenciación de los nervios de la parte superior</b>		
<b>QN</b>	absent or very weak	nulle ou très faible	fehlend oder sehr gering	ausente o débil	Conbloss	1
	weak	faible	gering	débil	Klefapurple	3
	medium	moyenne	mittel	media	Limelight	5
	strong	forte	stark	fuerte	Duesurimrose vein	7
	very strong	très forte	sehr stark	muy fuerte		9

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>28.</b>	<b>Corolla lobe: undulation of margin</b>	<b>Lobe de la corolle: ondulation du bord</b>	<b>Kronlappen: Randwellung</b>	<b>Lóbulo de la corola: ondulación del borde</b>		
<b>QN</b>	absent or very weak	absente ou très faible	fehlend oder sehr gering	ausente o muy débil	Bluette Purple	1
	weak	faible	gering	débil	Conmoha	3
	medium	moyenne	mittel	media	Keiyeul	5
	strong	forte	stark	fuerte	Kercla	7
	very strong	très forte	sehr stark	muy fuerte		9
<b>29.</b>	<b>Corolla tube: length</b>	<b>Tube de la corolle: longueur</b>	<b>Kronröhre: Länge</b>	<b>Tubo de la corola: longitud</b>		
(+)						
<b>QN</b>	short	court	kurz	corto		3
	medium	moyen	mittel	medio		5
	long	long	lang	largo		7
<b>30.</b>	<b>Corolla tube: main color of inner side</b>	<b>Tube de la corolle: couleur de la face interne</b>	<b>Kronröhre: Hauptfarbe der Innenseite</b>	<b>Tubo de la corola: color principal de la parte interna</b>		
<b>PQ</b>	RHS Colour Chart (indicate reference number)	Code RHS des couleurs (indiquer le numéro de référence)	RHS-Farbkarte Nummer angeben	Carta de colores RHS (indicar número de referencia)		
<b>31.</b>	<b>Corolla tube: conspicuousness of vein on inner side</b>	<b>Tube de la corolle: netteté des nervures sur la face interne</b>	<b>Kronröhre: Ausprägung der Aderung der Innenseite</b>	<b>Tubo de la corola: evidencia de los nervios de la parte interna</b>		
<b>QN</b>	absent or very weak	nulle ou très faible	fehlend oder sehr gering	ausente o muy débil	Conbloss	1
	weak	faible	gering	débil	Klefapurple	3
	medium	moyenne	mittel	media	Duesurimrosevein	5
	strong	forte	stark	fuerte	Keiyeul	7
	very strong	très forte	sehr stark	muy fuerte		9

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
<b>32. (* )</b>	<b>Anther:colorbefore pollen dehiscence</b>	<b>Anthères:couleur avant l'adhiscence du pollen</b>	<b>Staubbeutel:Farbe vordem Pollenstäuben</b>	<b>Anteras:colorantes de la dehiscencia del polen</b>		
<b>PQ</b>	lightgrey	grisclair	hellgrau	grisclaro		1
	yellowishwhite	blancjaunâtre	gelblichweiß	blancoamarillento		2
	yellow	jaune	gelb	amarillo		3
	lightbrown	brunclair	hellbraun	marrónclaro		4
	lightblue	bleuclair	hellblau	azulclaro		5
	mediumblue	bleumoyen	mittelblau	azulmedio		6
	violet	violet	violett	violeta		7

8. ExplanationsontheTableofCharacteristics

Ad.3:Shoot:length



Ad.7:Leafblade:shape



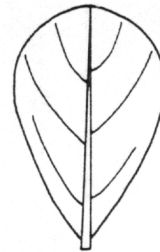
1  
ovate



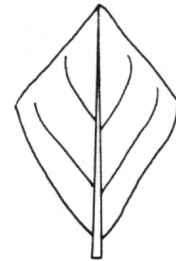
2  
elliptic



3  
circular



4  
obovate



5  
rhombic

Ad.8:Leafblade:shapeofapex



1  
narrowacute



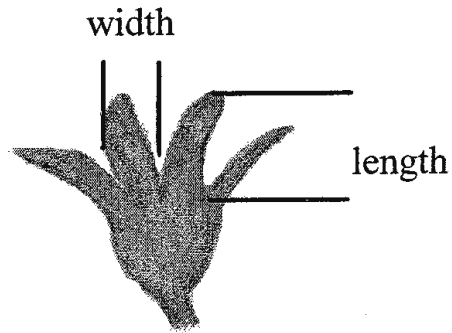
2  
broadacute



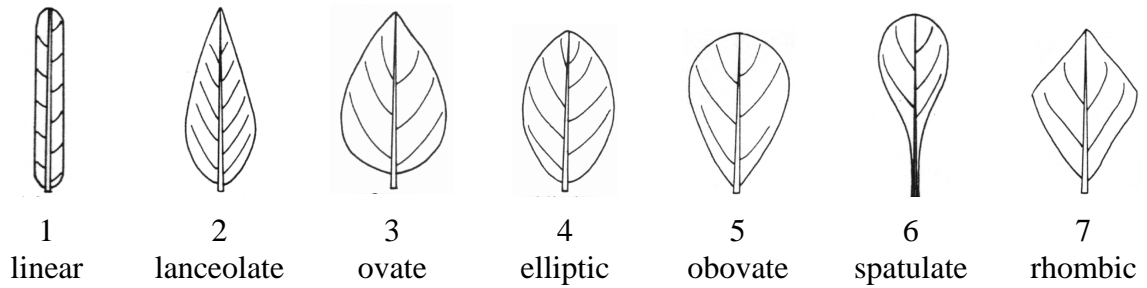
3  
obtuse



Ads.14and15:Sepal:lengthandwidth(broadestpartwhichisnotfused)

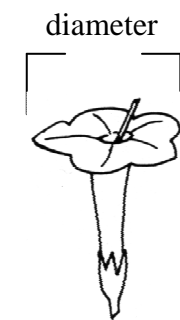


Ad.16:Sepal:shape



Ad.19:Flower:diameter

Ad.20:Flower:shape

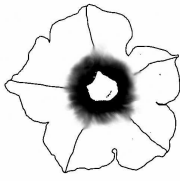


1  
salvershaped

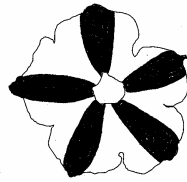


2  
funnelshaped

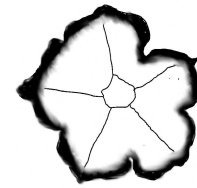
Ad.25: For bi - and multi -colored varieties only: Corolla lobe: distribution of secondary color



1  
atransitiontocorollatube

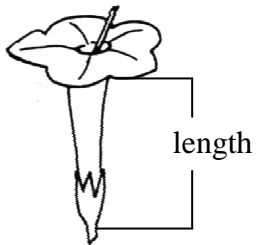


2  
alongmid -vein



3  
atmargin

Ad.29:Corollatube:length



ListofAssociatedIndic ations

<i>ExampleVariety: VarietyName</i>	<i>Associatedindication</i>
BluettePurple	
Cobink	MarcoPoloOdyssey
Conbloss	ConchitaBlossomWhite
Conblue	ConchitaBlueberryFrost
Conmoha	ConchitaMorningHaze
Duesurimrosevein	SurpriseIm.RoseVein
Duesurwi	SurpriseWhite
FlowerfallsLightPink	
FortHotPink	FortuniaHotPink
FortPinkVein	FortuniaPinkVein
Keiyeul	SurfiniaLime
Kercla	Claudia
Klefapurle	FamousPurple
Limelight	ArcticPurple
Sunlapur	SurfiniaGiantPurple
TrumpetPink	
YellowAppl ePie	

9. Literature

Wijsman, H.J.W. (1982): On the Interrelationships of Certain Species of *Petunia* I. Taxonomic Notes on the Parental Species of *Petunia* Hybrida. Acta Bot. Neerl. 31 (5/6), pp. 477-490.

Wijsman, H.J.W. and de Jong, J.H. (1985): On the Interrelationships of Certain Species of *Petunia* IV. Hybridization Between *P. linearis* and *P. calycina* and Nomenclatorial Consequences in the *Petunia* Group. Acta Bot. Neerl. 34(3), pp. 337 -349.

Wijsman, H.J.W. (1990): On the Interrelationships of Certain Species of *Petunia* VI. New Names for the Species of *Calibrachoa* Formerly Included Into *Petunia* (Solanaceae). Acta Bot. Neerl. 39(19), pp. 101 -102.

10. TechnicalQuestionnaire

TECHNICALQUESTIONNAIRE	Page{x}of{y}	ReferenceNumber:
		Applicationdate: (nottobefilledinbytheapplicant)
TECHNICALQUESTIONNAIRE tobecompletedinconnectionwithanapplicationforplantbreeders'rights		
1. SubjectoftheTechnicalQuestionnaire		
1.1 Genus		
1.1.1 <i>LatinName</i>	<input type="text" value="Petunia Juss."/>	
1.1.2 CommonName	<input type="text" value="PETUNIA"/>	
1.2 Species(pleasecomplete)		
1.2.1 <i>LatinName</i>	<input type="text"/>	
1.2.2 CommonName	<input type="text"/>	
2. Applicant		
Name	<input type="text"/>	
Address	<input type="text"/>	
TelephoneNo.	<input type="text"/>	
FaxNo.	<input type="text"/>	
E-mailaddress	<input type="text"/>	
Breeder(ifdifferent fromapplicant)	<input type="text"/>	

TECHNICALQUESTIONNAIRE	Page{x}of{y}	ReferenceNumber:
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3. Proposeddenominationandbreeder'sreference

Proposeddenomination   
(ifavailable)

Breeder'sreference

4. Informationonthebreedingschemeandpropagationofthevariety

4.1 BreedingScheme

Varietyresultingfrom:

4.1.1 Crossing

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

4.1.2 Mutation   
(pleasestateparentvariety)

4.1.3 Discovery   
(pleasestatewhere,whenandhowdeveloped)

4.1.4 Other   
(pleaseprovidedetails)

4.2 MethodofPropagatingtheVariety

4.2.1 Vegetativepropagation

- (a) cuttings
- (b) *invitro* propagation
- (c) other(statem ethod)

4.2.2 Seed

4.2.3 Other   
(pleaseprovidedetails)

TECHNICALQUESTIONNAIRE	Page{x}of{y}	ReferenceNumber:
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5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the one which best corresponds).

Characteristics	Example Varieties	Note
<b>5.1 Leafblade:variegation (9)</b>		
absent	Cobink	1[]
present	Limelight	9[]
<b>5.2 Flower:type (18)</b>		
single	FlowerfallsLightPink	1[]
double	Kercla	2[]
<b>5.3 Flower:diameter (19)</b>		
small	Cobink	3[]
medium	Klefapurle	5[]
large	Sunlapur	7[]
<b>5.4 Corollalobe:numberofcolorsofupperside (22) (excludingveins)</b>		
one		1[]
two		2[]
morethantwo		3[]

TECHNICALQUESTIONNAIRE	Page {x} of {y}	ReferenceNumber:
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Characteristics	ExampleVarieties	Note
<b>5.5(i) Corollalobe :maincolorofupperside (23)</b>		
RHS Colour Chart (indicate referencenumber)	.....	
<b>5.5(ii) Corollalobe:maincolorofupperside (23)</b>		
white		1[]
yellow		2[]
red		3[]
bluepink		5[]
bluered		6[]
purplered		7[]
purple		8[]
violet		9[]
blueviolet		10[]
othercolor(indicate)	.....	
<b>5.6 Corollalobe:conspicuousnessofveinsonupperside (27)</b>		
absentorveryweak	Conbloss	1[]
weak	Klefapurle	3[]
medium	Limelight	5[]
strong	Duesurimrosevein	7[]
verystrong		9[]





TECHNICALQUESTIONNAIRE	Page{x}of{y}	ReferenceNumber:
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7. Additional information which may help in the examination of the variety

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

Yes  No

(If yes, please provide details)

7.2 Special conditions for the examination of the variety

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

Yes  No

7.2.2 If yes, please give details:

7.3 Other information

A representative color photograph 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.

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

Applicant's name

Signature

Date

[End of document]