



TC/48/17

ORIGINAL: English

DATE: February 23, 2012

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL COMMITTEE

Forty-Eighth Session Geneva, March 26 to 28, 2012

PARTIAL REVISIONS OF TEST GUIDELINES

Document prepared by the Office of the Union

1. The purpose of this document is to present the proposals for partial revisions to the following Test Guidelines, to be considered by the Technical Committee, at its meeting to be held in Geneva from March 26 to 28, 2012:

- Test Guidelines for French Bean (document TG/12/9)
- Test Guidelines for Strawberry (document TG/22/10)
- Test Guidelines for Kalanchoe (document TG/78/4)
- Test Guidelines for New Guinea Impatiens (document TG/196/2)

2. The structure of this document is as follows:

PARTIAL REVISION OF THE TEST GUIDELINES FOR FRENCH BEAN (DOCUMENT TG/12/9)	1
PARTIAL REVISION OF THE TEST GUIDELINES FOR STRAWBERRY (DOCUMENT TG/22/10).....	2
PARTIAL REVISION OF THE TEST GUIDELINES FOR KALANCHOE (DOCUMENT TG/78/4).....	2
PARTIAL REVISION OF THE TEST GUIDELINES FOR NEW GUINEA IMPATIENS (DOCUMENT TG/196/2)	2
ANNEX I Partial Revision of the Test Guidelines for French Bean (Document TG/12/9)	
ANNEX II Partial Revision of the Test Guidelines for Strawberry (Document TG/22/10)	
ANNEX III Partial Revision of the Test Guidelines for Kalanchoe (Document TG/78/4)	
ANNEX IV Partial Revision of the Test Guidelines for New Guinea Impatiens (Document TG/196/2)	

PARTIAL REVISION OF THE TEST GUIDELINES FOR FRENCH BEAN (DOCUMENT TG/12/9)

3. The Technical Working Party for Vegetables (TWV), at its forty-fifth session, held in Monterey, United States of America, from July 25 to 29, 2011, agreed to propose to revise the Test Guidelines for French Bean (document TG/12/9) as follows:

- Proposed Amendment of Characteristic 49 "Resistance to Bean anthracnose (*Colletotrichum lindemuthianum*)" (Quadrilingual)

- Proposal of Deletion of Characteristic 50 “Type of resistance to Bean Common Mosaic Virus (BCMV)” and addition of a new characteristic 50 “Resistance to Bean Common Mosaic Necrosis Virus (BCMNV)”
- Proposed Amendment of Characteristic 51 “Resistance to Halo Blight (*Pseudomonas syringae* pv. *phaseolicola*)”

4. The proposals are set out in Annex I to this document.

PARTIAL REVISION OF THE TEST GUIDELINES FOR STRAWBERRY (DOCUMENT TG/22/10)

5. The Technical Working Party for Fruit Crops (TWF), at its forty-second session, held in Hiroshima, Japan, from November 14 to 18, 2011, agreed to propose to revise the Test Guidelines for Strawberry (document TG/22/10) as follows:

- Proposal to replace the drawing in Chapter 8.1 (d) in the Test Guidelines for Strawberry.

6. The proposals are set out in Annex II to this document.

PARTIAL REVISION OF THE TEST GUIDELINES FOR KALANCHOE (DOCUMENT TG/78/4)

7. The Technical Working Party for Ornamental Plants and Forest Trees (TWO) at its forty-fourth session in Fukuyama City, Japan, from November 7 to 11, 2011, agreed to propose to revise the Test Guidelines for Kalanchoe (document TG/78/4) as follows:

- Proposal to add a new state of expression for characteristic 32 “Corolla lobe: distribution of secondary color”
- Proposal to add a new state of expression for characteristic 38 “Only varieties with double flowers: Outer corolla lobe: distribution of secondary color”
- Proposal to add the drawing for a new state of expression in the explanations on the Table of Characteristics:
Ad.32: Corolla lobe: distribution of secondary color
Ad.38: Only varieties with double flowers: Outer corolla lobe: distribution of secondary color

8. The proposals are set out in Annex III to this document.

PARTIAL REVISION OF THE TEST GUIDELINES FOR NEW GUINEA IMPATIENS (DOCUMENT TG/196/2)

9. The Technical Working Party for Ornamental Plants and Forest Trees (TWO), at its forty-fourth session in Fukuyama City, Japan, from November 7 to 11, 2011, agreed to propose to revise the Test Guidelines for New Guinea Impatiens (document TG/196/2) as follows.

- Proposal to add new states of expression for characteristic 22 “Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color”
- Proposal to add the drawings for new states of expression in the explanations on the Table of Characteristics:
Ad. 22: Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color

10. The proposals are set out in Annex IV to this document.

PARTIAL REVISION OF THE TEST GUIDELINES FOR FRENCH BEAN (DOCUMENT TG/12/9)

Proposed Amendment of Characteristic 49 in the Table of Characteristics*Current wording*

49. (+)		Resistance to Bean anthracnose (<i>Colletotrichum lindemuthianum</i>)	Résistance à l'anthracnose du Haricot (<i>Colletotrichum lindemuthianum</i>)	Resistenz gegen Brennflecken-krankheit (<i>Colletotrichum lindemuthianum</i>)	Resistencia a la antracnosis de la judía (<i>Colletotrichum lindemuthianum</i>)		
49.1	VG	Race Lambda	Pathotype Lambda	Pathotyp Lambda	Patotipo Lambda		
QL		absent	absente	fehlend	ausente	Daisy (D), Tuf (D)	1
		present	présente	vorhanden	presente	Belfin (D), Label (D), Reskia (D)	9
49.2	VG	Race Kappa	Pathotype Kappa	Pathotyp Kappa	Patotipo Kappa		
QL		absent	absente	fehlend	ausente	Belfin (D), Label (D)	1
		present	présente	vorhanden	presente	Reskia (D)	9

Proposed new wording

49. (+)		Resistance to Bean anthracnose (<i>Colletotrichum lindemuthianum</i>)	Résistance à l'anthracnose du Haricot (<i>Colletotrichum lindemuthianum</i>)	Resistenz gegen Brennflecken-krankheit (<i>Colletotrichum lindemuthianum</i>)	Resistencia a la antracnosis de la judía (<i>Colletotrichum lindemuthianum</i>)		
49.1 (*)	VS/ VG	Race 6	Pathotype 6	Pathotyp 6	Patotipo 6		
QL		absent	absente	fehlend	ausente	Goldrush, Masaï, Michelet	1
		present	présente	vorhanden	presente	Booster, Pastoral	9
49.2	VS/ VG	Race Kappa	Pathotype Kappa	Pathotyp Kappa	Patotipo Kappa		
QL		absent	absente	fehlend	ausente	Goldrush, Masaï, Michelet	1
		present	présente	vorhanden	presente	Booster, Pastoral	9

Proposal of Deletion of Characteristic 50 “Type of resistance to Bean Common Mosaic Virus (BCMV)” and addition of a new characteristic 50 “Resistance to Bean Common Mosaic Necrosis Virus (BCMNV)”

Current wording

50. (*) (+)	VG	Type of resistance to Bean Common Mosaic Virus (BCMV)	Type de résistance au virus de la mosaïque commune du Haricot (BCMV)	Art der Resistenz gegen Gewöhnliches Bohnenmosaikvirus (BCMV)	Tipo de resistencia al virus del mosaico común de la judía (BCMV)		
QL		mosaic development present, blackroot development absent	développement de la mosaïque présent, développement du blackroot absent	Mosaikentwicklung vorhanden, Entwicklung von Schwarzbeinigkeit fehlend	desarrollo del mosaico presente, desarrollo del pie negro ausente	Michelite (D), Rapier (D), Spinel (C)	1
		mosaic development absent, blackroot development present	développement de la mosaïque absent, développement du blackroot présent	Mosaikentwicklung fehlend, Entwicklung von Schwarzbeinigkeit vorhanden	desarrollo del mosaico ausente, desarrollo del pie negro presente	Arena (D), Masai (D), Odessa (D), Topcrop (D)	2
		mosaic development absent, blackroot development absent	développement de la mosaïque absent, développement du blackroot absent	Mosaikentwicklung fehlend, Entwicklung von Schwarzbeinigkeit fehlend	desarrollo del mosaico ausente, desarrollo del pie negro ausente	Felspar (C), Great Northern 31 (D)	3

Proposal

Characteristic 50 to be deleted.

50. (*) (+)	VG	Type of resistance to Bean Common Mosaic Virus (BCMV)	Type de résistance au virus de la mosaïque commune du Haricot (BCMV)	Art der Resistenz gegen Gewöhnliches Bohnenmosaikvirus (BCMV)	Tipo de resistencia al virus del mosaico común de la judía (BCMV)		
QL		mosaic development present, blackroot development absent	développement de la mosaïque présent, développement du blackroot absent	Mosaikentwicklung vorhanden, Entwicklung von Schwarzbeinigkeit fehlend	desarrollo del mosaico presente, desarrollo del pie negro ausente	Michelite (D), Rapier (D), Spinel (C)	4
		mosaic development absent, blackroot development present	développement de la mosaïque absent, développement du blackroot présent	Mosaikentwicklung fehlend, Entwicklung von Schwarzbeinigkeit vorhanden	desarrollo del mosaico ausente, desarrollo del pie negro presente	Arena (D), Masai (D), Odessa (D), Topcrop (D)	2
		mosaic development absent, blackroot development absent	développement de la mosaïque absent, développement du blackroot absent	Mosaikentwicklung fehlend, Entwicklung von Schwarzbeinigkeit fehlend	desarrollo del mosaico ausente, desarrollo del pie negro ausente	Felspar (C), Great Northern 31 (D)	3

Proposed wording for new characteristic 50

50. (* (+)	VS/ VG	Resistance to Bean Common Mosaic Necrosis Virus (BCMNV)	Résistance au virus de la mosaïque nécrotique commune du Haricot (BCMNV)	Resistenz gegen Gewöhnliches nekrotisches Bohnenmosaikvirus (BCMNV)	Resistencia al virus del mosaico necrotico común de la judía (BCMNV)		
QL		absent	absente	fehlend	ausente	Dufrix, Flandria	1
		present with necrosis	présente avec nécroses	vorhanden mit Nekrose	presente con necrosis	Booster, Odessa	2
		present without symptoms	présente sans symptômes	vorhanden ohne Symptome	presente sin síntomas	Bizet	3

Proposed Amendment of Characteristic 51 in the Table of Characteristics

Current wording

51.		Resistance to Halo Blight (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Résistance à la graisse à halo (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Resistenz gegen Fettfleckenkrankheit (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Resistencia a la grasa (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)		
(+)							
51.1	VG	US Race 1	US Pathotype 1	US Pathotyp 1	US Patotipo 1		
QL		absent	absente	fehlend	ausente	Amboy (D), Michelite (D)	1
		present	présente	vorhanden	presente	RM UI-3 (D), RM UI-34 (D), Forum (D), Masai (D)	9

51.2	VG	US Race 2	US Pathotype 2	US Pathotyp 2	US Patotipo 2		
QL		absent	absente	fehlend	ausente	RM UI-3 (D), RM UI-34 (D)	1
		present	présente	vorhanden	presente	Forum (D), Masai (D)	9

Proposed new wording

51.	VS/ VG	Resistance to Halo Blight (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Résistance à la graisse à halo (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Resistenz gegen Fettfleckenkrankheit (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)	Resistencia a la grasa (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)		
(+)							
		Race 6	Pathotype 6	Pathotyp 6	Patotipo 6		
QL		absent	absente	fehlend	ausente	Michelet (D)	1
		present	présente	vorhanden	presente	Masai (D), Vaillant (D)	9

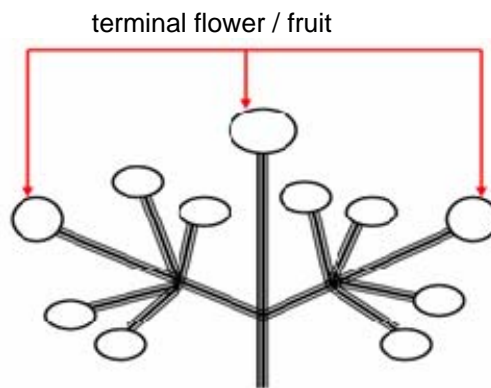
[Annex II follows]

PARTIAL REVISION OF THE TEST GUIDELINES FOR STRAWBERRY (DOCUMENT TG/22/10)

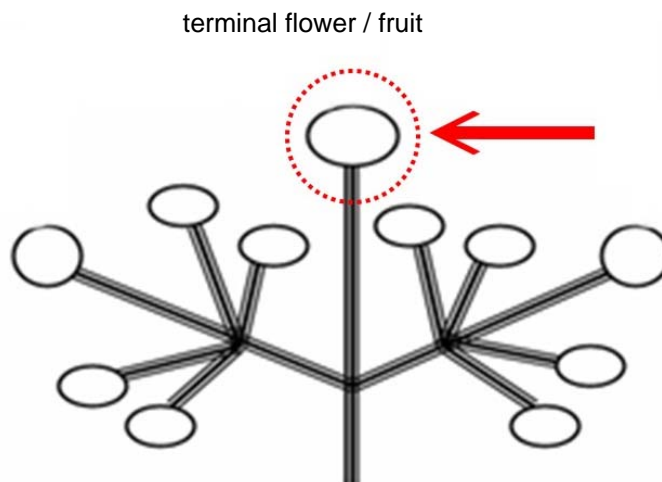
Proposal to replace the drawing in Chapter 8.1 (d) in the Test Guidelines for Strawberry.

Current illustration and explanation:

- (d) Unless otherwise indicated, observations on the fruit should not be made on terminal fruits.



Proposed illustration:



[Annex III follows]

PARTIAL REVISION OF THE TEST GUIDELINES FOR KALANCHOE (DOCUMENT TG/78/4)

Proposal to add a new state of expression for characteristic 32 “Corolla lobe: distribution of secondary color”

Characteristic 32 “Corolla lobe: distribution of secondary color” of the Test Guidelines for Kalanchoe (document TG/78/4 dated 2008-04-09)

Current wording:

32. (* (+)	Corolla lobe: distribution of secondary color	Lobe de la corolle : distribution de la couleur secondaire	Kronzipfel: Verteilung der Sekundärfarbe	Lóbulo de la corola: distribución del color secundario		
PQ (d)	at margin only	en bordure seulement	nur am Rand	únicamente en el margen	Alcedo	1
	at margin and at base	en bordure et à la base	am Rand und an der Basis	en el margen y en la base	Mipinkstar	2
	at base only	à la base seulement	nur an der Basis	únicamente en la base	Impromero	3
	at base and in median stripe	à la base et une raie médiane	an der Basis und als Mittelstreifen	en la base y en la estría central	Milos	4
	median stripe only	raie médiane seulement	nur als Mittelstreifen	únicamente estría central		5
	mainly on one half	principalement sur une moitié	hauptsächlich auf einer Hälfte	principalmente en una mitad	Rewiros	6
	dotted	pointillée	gepunktet	salpicado	Greco	7
	brindled	panachée	gescheckt	pinto		8

Proposal

To add a new state of expression: “at apex” (9)

Proposal to add a new state of expression for characteristic 38 “Only varieties with double flowers: Outer corolla lobe: distribution of secondary color”

Characteristic 38 “Only varieties with double flowers: Outer corolla lobe: distribution of secondary color”

Current wording:

38. (+)	<u>Only varieties with double flowers:</u> Outer corolla lobe: distribution of secondary color	<u>Variétés à fleurs doubles</u> <u>seulement</u> : lobe extérieur de la corolle : distribution de la couleur secondaire	<u>Nur Sorten mit</u> <u>gefüllten Blüten:</u> Äußerer Kronzipfel: Verteilung der Sekundärfarbe	<u>Únicamente</u> <u>variedades con flores</u> <u>dobles:</u> Lóbulo exterior de la corola: distribución del color secundario	
PQ (c)	at margin only	en bordure seulement	nur am Rand	únicamente en el margen	1
	at margin and at base	en bordure et à la base	am Rand und an der Basis	en el margen y en la base	2
	at base only	à la base seulement	nur an der Basis	únicamente en la base	3
	at base and in median stripe	à la base et une raie médiane	an der Basis und als Mittelstreifen	en la base y en la estría central	4
	median stripe only	raie médiane seulement	nur als Mittelstreifen	únicamente estría central	5
	mainly on one half	principalement sur une moitié	hauptsächlich auf einer Hälfte	principalmente en una mitad	6
	dotted	pointillé	gepunktet	salpicado	7
	brindled	panachée	gescheckt	pinto	8

Proposal

To add a new state of expression: “at apex” (9)

Proposal to add the drawing for a new state of expression in the explanations on the
Table of Characteristics

Ad.32: Corolla lobe: distribution of secondary color

Ad.38: Only varieties with double flowers: Outer corolla lobe: distribution of secondary color



9
at apex

[Annex IV follows]

PARTIAL REVISION OF THE TEST GUIDELINES FOR NEW GUINEA IMPATIENS
(DOCUMENT TG/196/2)

Proposal to add new states of expression for characteristic 22 "Varieties with bi- or multicolored flowers only:
Flower: distribution of secondary color"

Characteristic 22 "Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color" of the Test Guidelines for New Guinea Impatiens (document TG/196/2 dated 2006-04-05).

Current wording:

22. (*) (+)	<u>Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color</u>	<u>Seulement les variétés à fleurs bicolores ou multicolores: fleur: distribution de la couleur secondaire</u>	<u>Nur Sorten mit zwei- oder mehrfarbigen Blüten: Blüte: Verteilung der Sekundärfarbe</u>	<u>Sólo para variedades con flores bicolores o multicolores: Flor: distribución del color secundario</u>		
PQ	mainly on upper petal	surtout sur le pétale supérieur	hauptsächlich auf dem oberen Blütenblatt	principalmente en el pétalo superior	Vulcain	1
	on all petals around base	sur tous les pétales autour de la base	auf allen Blütenblättern um die Basis herum	en todos los pétalos alrededor de la base	Balcelisow	2
	on all petals along mid-rib	sur tous les pétales le long de la nervure centrale	auf allen Blütenblättern entlang der Mittelrippe	a lo largo del nervio central de todos los pétalos	Kiluis	3
	on all petals v-shaped at distal end	sur tous les pétales en V vers le sommet	auf allen Blütenblättern V-förmig am distalen Ende	en forma de "v" en el extremo distal de todos los pétalos	Danharpurcrown	4
	on all petals irregularly distributed	sur tous les pétales irrégulièrement répartie	auf allen Blütenblättern unregelmäßig verteilt	distribuido irregularmente en todos los pétalos	Fisnics Magpink	5

Proposal:

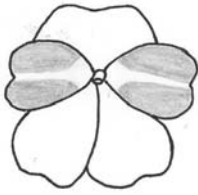
To add the following new states of expression:

"mainly on lateral petals" (6)

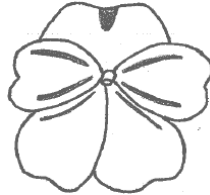
"on all petals as some longitudinal stripes and on upper petal as spot" (7)

Proposal to add the drawings for new states of expression in the explanations on the Table of Characteristics: Ad.22: "Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color"

Ad. 22: Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color



6
mainly on lateral petals



7
on all petals as some longitudinal stripes and on upper petal as spot

[End of Annex IV and of document]