

Technical Committee**Fifty-Seventh Session
Geneva, October 25 and 26, 2021****TC/57/2 Add..****Original:** English
Date: September 14, 2021**TEST GUIDELINES - ADDENDUM***Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

1. The purpose of this addendum is to present proposals for partial revision of Test Guidelines for the inclusion of characteristics in section 5 of the Technical Questionnaire.
2. The structure of this document is as follows (in English only):

ANNEX I	Partial revision of the Test Guidelines for Maize
ANNEX II	Partial revision of the Test Guidelines for Lettuce
ANNEX III	Partial revision of the Test Guidelines for Carrot
ANNEX IV	Partial revision of the Test Guidelines for Spinach
ANNEX V	Partial revision of the Test Guidelines for Cucumber, Gherkin
ANNEX VI	Partial revision of the Test Guidelines for Melon
ANNEX VII	Partial revision of the Test Guidelines for Squash, Vegetable Marrow
ANNEX VIII	Partial revision of the Test Guidelines for Watermelon
ANNEX IX	Partial revision of the Test Guidelines for Tomato Rootstocks
ANNEX X	Partial revision of the Test Guidelines for Rose
ANNEX XI	Partial revision of the Test Guidelines for Wheat
3. The proposals in revisions mode are presented in Annexes I to XI of this document. The characteristics from the table of characteristics proposed for inclusion in the Technical Questionnaire are indicated with grey highlighting and underline.
4. The background to this addendum is provided in document TC/57/2 "Test Guidelines".

[Annex I follows]

ANNEX I

Test Guidelines for Maize (document TG/2/7)

The proposed additions to TQ 5 are presented in highlight and underline.

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
<u>5.1</u> <u>First leaf: anthocyanin coloration of sheath</u> <u>(1)</u>		
<u>absent or very weak</u>	<u>0674, Jubilee (SC)</u>	<u>1</u> []
<u>very weak to weak</u>		<u>2</u> []
<u>weak</u>	<u>MO17, Puma (SC)</u>	<u>3</u> []
<u>weak to medium</u>		<u>4</u> []
<u>medium</u>	<u>F252,</u> <u>Gyöngymazsola (SC)</u>	<u>5</u> []
<u>medium to strong</u>		<u>6</u> []
<u>strong</u>	<u>F244</u>	<u>7</u> []
<u>strong to very strong</u>		<u>8</u> []
<u>very strong</u>		<u>9</u> []
<u>5.1 2</u> <u>Tassel: time of anthesis</u> <u>(8)</u>		
very early		1 []
very early to early	KW1069, Spirit (SC)	2 []
early	Champ (SC), F257	3 []
early to medium	Centurion (SC), F259	4 []
medium	F522, Zenith (SC)	5 []
medium to late	A632	6 []
late	B73	7 []
late to very late	AM1513	8 []
very late		9 []

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics	Example Varieties	Note	
5.2.3 (9) Tassel: anthocyanin coloration at base of glume			
absent or very weak	Royalty (SC), W117	1[]	
<u>very weak to weak</u>		2[]	
weak	Boston (SC), F66	3[]	
<u>weak to medium</u>		4[]	
medium	F107	5[]	
<u>medium to strong</u>		6[]	
strong	EP1	7[]	
<u>strong to very strong</u>		8[]	
very strong		9[]	
5.4 (11) Tassel: anthocyanin coloration of anthers			
<u>absent or very weak</u>	A654, Empire (SC)	1[]	
<u>very weak to weak</u>		2[]	
<u>weak</u>	F2, Royalty (SC)	3[]	
<u>weak to medium</u>		4[]	
<u>medium</u>	Centurion (SC), W182E	5[]	
<u>medium to strong</u>		6[]	
<u>strong</u>		7[]	
<u>strong to very strong</u>		8[]	
<u>very strong</u>		9[]	
5.5 (14) Tassel: number of primary lateral branches			
<u>absent or very few</u>	F7	1[]	
<u>very few to few</u>		2[]	
<u>few</u>	F252, Mv. Aranyos (SC)	3[]	
<u>few to medium</u>		4[]	
<u>medium</u>	F244, Kokanee (SC)	5[]	
<u>medium to many</u>		6[]	
<u>many</u>	A188, Zenith (SC)	7[]	
<u>many to very many</u>		8[]	
<u>very many</u>	Suregold (SC)	9[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics	Example Varieties	Note	
5.6 (15)	<u>Ear: time of silk emergence</u>		
<u>very early</u>	<u>Mv. Aranyos (SC)</u>	1[]	
<u>very early to early</u>	<u>KW1069, Spirit (SC)</u>	2[]	
<u>early</u>	<u>Champ (SC), F257</u>	3[]	
<u>early to medium</u>	<u>F259, Royalty (SC)</u>	4[]	
<u>medium</u>	<u>Bonus (SC), F522</u>	5[]	
<u>medium to late</u>	<u>A632</u>	6[]	
<u>late</u>	<u>B73</u>	7[]	
<u>late to very late</u>	<u>AM1513</u>	8[]	
<u>very late</u>		9[]	
5.3 7 (16)	<u>Ear: anthocyanin coloration of silks</u>		
absent or very weak	Bonus (SC), F7, F195	1[]	
<u>very weak to weak</u>		2[]	
weak	El Toro (SC), F257	3[]	
<u>weak to medium</u>		4[]	
medium	F244, Gyöngymazsola (SC)	5[]	
<u>medium to strong</u>		6[]	
strong	W401	7[]	
<u>strong to very strong</u>		8[]	
very strong		9[]	
5.4 8 i (24.1)	<u>Only inbred lines and varieties with ear type of grain: sweet or pop: Plant: length</u>		
very short	F7	1[]	
<u>very short to short</u>		2[]	
short	W117, Spirit (SC)	3[]	
<u>short to medium</u>		4[]	
medium	F244, Puma (SC)	5[]	
<u>medium to long</u>		6[]	
long	Royalty (SC), WD36	7[]	
<u>long to very long</u>		8[]	
very long	Enterprise (SC)	9[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics	Example Varieties	Note	
5.4 8 ii (24.2) <u>Only hybrids and open-pollinated varieties, excluding varieties with ear type of grain: sweet or pop: Plant: length</u>			
very short		1[]	
<u>very short to short</u>		2[]	
short	PR39D23	3[]	
<u>short to medium</u>		4[]	
medium	PR37Y12	5[]	
<u>medium to long</u>		6[]	
long	DKC5166	7[]	
<u>long to very long</u>		8[]	
very long		9[]	
5.9 (30) <u>Ear: shape</u>			
<u>conical</u>	F16, Wombat (SC)	1[]	
<u>conico-cylindrical</u>	Centurion (SC), F816	2[]	
<u>cylindrical</u>	F66, GH2547 (SC)	3[]	
5.10 (32) <u>Only varieties with ear type of grain: sweet or waxy: Ear: number of colors of grains</u>			
<u>one</u>	Jubilee (SC)	1[]	
<u>two</u>	Eolrukchal-ilho, Serendipity (SC)	2[]	
5.11 (33) <u>Only varieties with ear type of grain: sweet: Grain: intensity of yellow color</u>			
<u>very light</u>		1[]	
<u>very light to light</u>		2[]	
<u>light</u>	Gyöngymazsola (SC)	3[]	
<u>light to medium</u>		4[]	
<u>medium</u>	Royalty (SC)	5[]	
<u>medium to dark</u>		6[]	
<u>dark</u>	Kokanee (SC)	7[]	
<u>dark to very dark</u>		8[]	
<u>very dark</u>		9[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics	Example Varieties	Note	
5.12 (35) Only varieties with ear type of grain: sweet: Grain: width			
<u>very narrow</u>			1 []
<u>very narrow to narrow</u>			2 []
<u>narrow</u>	<u>Bonus (SC)</u>		3 []
<u>narrow to medium</u>			4 []
<u>medium</u>	<u>Jubilee (SC)</u>		5 []
<u>medium to broad</u>			6 []
<u>broad</u>	<u>Mv. Aranyos (SC)</u>		7 []
<u>broad to very broad</u>			8 []
<u>very broad</u>			9 []
5.5 13 (36) Ear: type of grain			
flint	F2		1 []
flint-like	F252		2 []
intermediate	F107		3 []
dent-like	A654		4 []
dent	W182E		5 []
sweet	Jubilee (SC)		6 []
pop	Iowa Pop (PC)		7 []
waxy			8 []
flour			9 []
5.14 (37) Only varieties with ear type of grain: sweet: Ear: shrinkage of top of grain			
<u>weak</u>	<u>Zarja (SC)</u>		1 []
<u>weak to medium</u>			2 []
<u>medium</u>	<u>Merkur (SC)</u>		3 []
<u>medium to strong</u>			4 []
<u>strong</u>	<u>Dessert 73 (SC)</u>		5 []

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
<p>5.15 (38) <u>Ear: color of top of grain</u></p> <p><u>white</u></p> <p><u>yellowish white</u></p> <p><u>yellow</u></p> <p><u>yellow orange</u></p> <p><u>orange</u></p> <p><u>red orange</u></p> <p><u>red</u></p> <p><u>purple</u></p> <p><u>brownish</u></p> <p><u>blue black</u></p>	<p>A188, Pure white (SC), Snowbelle (SC)</p> <p>F259</p> <p>F2, Gyöngymazsola (SC)</p> <p>F257, GH 2547 (SC)</p> <p>Dynasty (SC)</p> <p>Zenith (SC)</p> <p>Miheukchal</p>	<p>1 []</p> <p>2 []</p> <p>3 []</p> <p>4 []</p> <p>5 []</p> <p>6 []</p> <p>7 []</p> <p>8 []</p> <p>9 []</p> <p>10 []</p>
<p>5.6 16 (39) <u>Excluding varieties with ear type of grain: sweet: Ear: color of dorsal side of grain</u></p> <p>white</p> <p>yellowish white</p> <p>yellow</p> <p>yellow orange</p> <p>orange</p> <p>red orange</p> <p>red</p> <p>purple</p> <p>brownish</p> <p>blue black</p>	<p>F481</p> <p>A188</p> <p>F66</p> <p>EP1</p>	<p>1 []</p> <p>2 []</p> <p>3 []</p> <p>4 []</p> <p>5 []</p> <p>6 []</p> <p>7 []</p> <p>8 []</p> <p>9 []</p> <p>10 []</p>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics		Example Varieties	Note
5.7 17 Ear: anthocyanin coloration of glumes of cob (41)			
absent or very weak	F2, F257	1 []	
<u>very weak to weak</u>		<u>2 []</u>	
weak	F252	3 []	
<u>weak to medium</u>		<u>4 []</u>	
medium	W117	5 []	
<u>medium to strong</u>		<u>6 []</u>	
strong	A632	7 []	
<u>strong to very strong</u>		<u>8 []</u>	
very strong		9 []	

[Annex II follows]

ANNEX II

Test Guidelines for Lettuce (document TG/13/11 Rev.)

The proposed additions to TQ 5 are presented in highlight and underline.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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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 note which best corresponds).			
Characteristics	Example Varieties	Note	
5.1 Seed: color (1)			
white	Verpia	1 []	
yellow	Durango	2 []	
brown	Oaklin	3 []	
black	Kagraner Sommer 2	4 []	
5.2 Plant: diameter (2)			
<u>very small</u>	<u>Tom Thumb</u>	<u>1 []</u>	
<u>very small to small</u>		<u>2 []</u>	
<u>small</u>	<u>Gotte à graine blanche</u>	<u>3 []</u>	
<u>small to medium</u>		<u>4 []</u>	
<u>medium</u>	<u>Clarion, Verpia</u>	<u>5 []</u>	
<u>medium to large</u>		<u>6 []</u>	
<u>large</u>	<u>Great Lakes 659</u>	<u>7 []</u>	
<u>large to very large</u>		<u>8 []</u>	
<u>very large</u>	<u>El Toro</u>	<u>9 []</u>	
5.3 Plant: degree of overlapping of upper part of leaves (3)			
<u>absent or weak</u>	<u>Actarus, Aquarel, Blonde à couper améliorée, Curtis, Lollo rossa</u>	<u>1 []</u>	
<u>medium</u>	<u>Augusta, Clarion, Fiorella</u>	<u>2 []</u>	
<u>strong</u>	<u>Roxette, Vanguard 75</u>	<u>3 []</u>	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.4 (6) Leaf: number of divisions		
<u>absent or very few</u>	<u>Fiorella, Lollo rossa</u>	1 []
<u>very few to few</u>		2 []
<u>few</u>	<u>Curletta, Rodagio</u>	3 []
<u>few to medium</u>		4 []
<u>medium</u>	<u>Ezabel, Jadigon</u>	5 []
<u>medium to many</u>		6 []
<u>many</u>	<u>Expedition, Multired 54</u>	7 []
<u>many to very many</u>		8 []
<u>very many</u>	<u>Excite, Ezfrill, Telex</u>	9 []
5.5 (7) Only varieties with Leaf: number of divisions: absent or very few: Leaf: shape		
<u>triangular</u>		1 []
<u>lanceolate</u>	<u>Qingyuanewoju</u>	2 []
<u>medium oblate</u>	<u>Stylist</u>	3 []
<u>narrow oblate</u>	<u>Commodore, Fiorella</u>	4 []
<u>circular</u>	<u>Verpia</u>	5 []
<u>broad elliptic</u>	<u>Amadeus</u>	6 []
<u>medium elliptic</u>	<u>Xanadu</u>	7 []
<u>narrow elliptic</u>	<u>Verte maraîchère</u>	8 []
<u>linear</u>	<u>Hongwoju</u>	9 []
<u>broad obtrullate</u>		10 []
<u>obovate</u>	<u>Raisa</u>	11 []
<u>oblanceolate</u>	<u>Xiangshengcai</u>	12 []
5.2 6 (11) Leaf: anthocyanin coloration		
<u>absent or very weak</u>	<u>Clarion</u>	1 []
<u>very weak to weak</u>		2 []
<u>weak</u>	<u>Du bon jardinier</u>	3 []
<u>weak to medium</u>		4 []
<u>medium</u>	<u>Lollo rossa, Luana</u>	5 []
<u>medium to strong</u>		6 []
<u>strong</u>	<u>Merveille des quatre saisons</u>	7 []
<u>strong to very strong</u>		8 []
<u>very strong</u>	<u>Iride, Revolution</u>	9 []

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3.7 (15) Leaf: intensity of green color		
very light		1 []
very light to light		2 []
light	Blonde maraîchère, Lollo Bionda	3 []
light to medium		4 []
medium	Aquarel, Clarion	5 []
medium to dark		6 []
dark	Expedition, Verpia	7 []
dark to very dark		8 []
very dark	Pascal, Verdetrix	9 []
5.8 (18) Leaf: blistering		
<u>absent or very weak</u>	<u>Duplex, Sartre</u>	<u>1 []</u>
<u>very weak to weak</u>		<u>2 []</u>
<u>weak</u>	<u>Fiorella</u>	<u>3 []</u>
<u>weak to medium</u>		<u>4 []</u>
<u>medium</u>	<u>Commodore</u>	<u>5 []</u>
<u>medium to strong</u>		<u>6 []</u>
<u>strong</u>	<u>Blonde de Paris, Xanadu</u>	<u>7 []</u>
<u>strong to very strong</u>		<u>8 []</u>
<u>very strong</u>	<u>Blonde de Doulon, Iride, Karioka</u>	<u>9 []</u>
5.9 (20) Leaf: undulation of margin		
<u>absent or very weak</u>	<u>Tiago</u>	<u>1 []</u>
<u>very weak to weak</u>		<u>2 []</u>
<u>weak</u>	<u>Commodore</u>	<u>3 []</u>
<u>weak to medium</u>		<u>4 []</u>
<u>medium</u>	<u>Noisette, Pentared</u>	<u>5 []</u>
<u>medium to strong</u>		<u>6 []</u>
<u>strong</u>	<u>Calmar, Invicta</u>	<u>7 []</u>
<u>strong to very strong</u>		<u>8 []</u>
<u>very strong</u>	<u>Lollo rossa</u>	<u>9 []</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.10 (22) <u>Leaf: depth of incisions of margin</u>		
<u>absent or very shallow</u>	<u>Actarus, Clarion, Tiago</u>	1 []
<u>very shallow to shallow</u>		2 []
<u>shallow</u>	<u>Pentared, Unicum</u>	3 []
<u>shallow to medium</u>		4 []
<u>medium</u>	<u>Santarinas</u>	5 []
<u>medium to deep</u>		6 []
<u>deep</u>	<u>Expedition</u>	7 []
<u>deep to very deep</u>		8 []
<u>very deep</u>		9 []
5.11 (25) <u>Leaf: venation</u>		
<u>not flabellate</u>	<u>Verpia, Xanadu</u>	1 []
<u>semi-flabellate</u>	<u>Kibrille, Muraï</u>	2 []
<u>flabellate</u>	<u>Locarno, Roxette</u>	3 []
5.12 (26) <u>Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: size</u>		
<u>very small</u>	<u>Tom Thumb</u>	1 []
<u>very small to small</u>		2 []
<u>small</u>	<u>Xanadu</u>	3 []
<u>small to medium</u>		4 []
<u>medium</u>	<u>Fiorella, Soraya</u>	5 []
<u>medium to large</u>		6 []
<u>large</u>	<u>Great Lakes 659</u>	7 []
<u>large to very large</u>		8 []
<u>very large</u>	<u>Blonde maraîchère, El Toro</u>	9 []
5.13 (27) <u>Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: shape in longitudinal section</u>		
<u>narrow elliptic</u>	<u>Verte maraîchère</u>	1 []
<u>broad elliptic</u>	<u>Amadeus, Sucrine</u>	2 []
<u>circular</u>	<u>Verpia</u>	3 []
<u>narrow oblate</u>	<u>Ametist</u>	4 []

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.4 14 (35) Time of beginning of bolting		
very early	Blonde à couper améliorée	1 []
very early to early		2 []
early	Gotte à graine blanche	3 []
early to medium		4 []
medium	Pantlika	5 []
medium to late		6 []
late	Hilde II	7 []
late to very late		8 []
very late	Erika, Roxette	9 []
5.15 (38) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 16EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>Argelès</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
5.16 (39) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 17EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>Argelès</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
5.17 (40) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 20EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>FrRsal-1</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
5.18 (41) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 21EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>Argelès, Colorado</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
5.19 (42) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 22EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>FrRsal-1</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
5.20 (43) Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 23EU		
<u>absent</u>	<u>Green Towers</u>	<u>1 []</u>
<u>present</u>	<u>Colorado</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
<u>5.21</u> <u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 24EU</u> <u>(44)</u>		
<u>absent</u>	<u>Argelès, Colorado</u>	<u>1 []</u>
<u>present</u>	<u>Dandie, NunDm15, UCdm14</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.22</u> <u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 25EU</u> <u>(45)</u>		
<u>absent</u>	<u>Colorado</u>	<u>1 []</u>
<u>present</u>	<u>Argelès</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.23</u> <u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 26EU</u> <u>(46)</u>		
<u>absent</u>	<u>Colorado</u>	<u>1 []</u>
<u>present</u>	<u>Balesta, Bedford</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.24</u> <u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 27EU</u> <u>(47)</u>		
<u>absent</u>	<u>Balesta, Colorado</u>	<u>1 []</u>
<u>present</u>	<u>FrRsal-1</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.25</u> <u>Resistance to <i>Lettuce mosaic virus</i> (LMV) Pathotype II</u> <u>(53)</u>		
<u>absent</u>	<u>Bijou, Hilde II, Sprinter, Sucrine</u>	<u>1 []</u>
<u>present</u>	<u>Capitan, Corsica</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.26</u> <u>Resistance to <i>Nasonovia ribisnigri</i> (Nr) Biotype Nr: 0</u> <u>(54)</u>		
<u>absent</u>	<u>Abel, Green Towers, Nadine</u>	<u>1 []</u>
<u>present</u>	<u>Barcelona, Bedford, Dynamite, Silvinas</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>

[Annex III follows]

Test Guidelines for Carrot (document TG/49/8 Corr.)

The proposed additions to TQ 5 are presented in highlight and underline.

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 Leaf: length (including petiole) (3)		
very short	Mokum, Mignon	1[]
<u>very short to short</u>		<u>2[]</u>
short	Amsterdam 2, Amsterdam 3	3[]
<u>short to medium</u>		<u>4[]</u>
medium	Juwarot, Nantaise améliorée 2	5[]
<u>medium to long</u>		<u>6[]</u>
long	Chantenay, Chantenay à cœur rouge 2	7[]
<u>long to very long</u>		<u>8[]</u>
very long	De Colmar à cœur rouge 2, Rothild	9[]
5.2 Leaf: intensity of green color (5)		
<u>very light</u>		<u>1[]</u>
<u>very light to light</u>		<u>2[]</u>
light	Adelaide, Leonor	3[]
<u>light to medium</u>		<u>4[]</u>
medium	Amsterdam 2, Amsterdam 3	5[]
<u>medium to dark</u>		<u>6[]</u>
dark	Rothild	7[]
<u>dark to very dark</u>		<u>8[]</u>
<u>very dark</u>		<u>9[]</u>
5.3 Leaf: anthocyanin coloration of petiole (6)		
<u>absent</u>	<u>Amsterdam 2</u>	<u>1[]</u>
<u>present</u>	<u>Tarenco</u>	<u>9[]</u>

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.3 4 (7)	Root: length		
very short	Parijse Markt 2, Parijse Markt 3	1[]	
<u>very short to short</u>		2[]	
short	Chantenay	3[]	
<u>short to medium</u>		4[]	
medium	Nantaise améliorée 2, Nantaise améliorée 3	5[]	
<u>medium to long</u>		6[]	
long	Berlikumer 2, Berlikumer 3	7[]	
<u>long to very long</u>		8[]	
very long	Lange Stompe Winter	9[]	
5.4 5 (8)	Root: width		
<u>very narrow</u>		1[]	
<u>very narrow to narrow</u>		2[]	
narrow	Amsterdam 2, Amsterdam 3	3[]	
<u>narrow to medium</u>		4[]	
medium	Nantaise améliorée 2, Nantaise améliorée 3	5[]	
<u>medium to broad</u>		6[]	
broad	De Colmar à cœur rouge 2, Parijse Markt 2, Parijse Markt 3	7[]	
<u>broad to very broad</u>		8[]	
<u>very broad</u>		9[]	
5.5 6 (10)	Root: shape in longitudinal section		
circular	Parijse Markt 2, Parijse Markt 3	1[]	
obovate		2[]	
medium obtriangular	Chantenay, De Colmar à cœur rouge 2	3[]	
narrow obtriangular	Imperator, De Colmar à cœur rouge 3	4[]	
narrow obtriangular to narrow oblong	Maestro	5[]	
narrow oblong	Amsterdam 2, Berlikumer 2, Berlikumer 3, Nantaise améliorée 5, Touchon	6[]	

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.6 7 (12)	Root: shape of shoulder		
flat	De Colmar à cœur rouge 2	1[]	
flat to rounded	Parijse Markt 2	2[]	
rounded		3[]	
rounded to conical		4[]	
conical	Touchon	5[]	
5.7 8 (13)	Root: tip (when fully developed)		
blunt	Berlikumer 3	1[]	
slightly pointed	Mello Yello	2[]	
strongly pointed	Allred, Orbit	3[]	
5.8 9 (14)	Root: external color		
white	White Satin	1[]	
yellow	Mello Yello	2[]	
orange	Bingo, Goliath, Karotan, Pinocchio, Tancar	3[]	
pinkish red	Nutri-red	4[]	
red	Pulsor	5[]	
purple	Purple Haze	6[]	
5.9 10 (15)	<u>Excluding varieties with white external root color:</u> Root: intensity of external color		
<u>very light</u>		1[]	
<u>very light to light</u>		2[]	
light	Bingo, Mello Yello, Tancar	3[]	
<u>light to medium</u>		4[]	
medium	Goliath, Nutri-red	5[]	
<u>medium to dark</u>		6[]	
dark	Karotan, Pinocchio, Purple Haze	7[]	
<u>dark to very dark</u>		8[]	
<u>very dark</u>		9[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.11 (16)	Root: anthocyanin coloration of skin of shoulder	
<u>absent</u>	<u>Trevor</u>	1[]
<u>present</u>	<u>Touchon</u>	9[]
5.10 12 (20)	Root: color of core	
white	White Satin	1[]
yellow	Jaune de Lobberich, Pariser Markt	2[]
orange	Nantaise améliorée 2, Nantaise améliorée 3	3[]
pinkish red		4[]
red	Nutri-red	5[]
purple	Afghan purple, Black Deshi	6[]
5.13 (28)	Root: time of coloration of tip in longitudinal section	
<u>very early</u>	<u>Parijse Markt 3</u>	1[]
<u>very early to early</u>		2[]
<u>early</u>	<u>Amsterdam 2, Amsterdam 3</u>	3[]
<u>early to medium</u>		4[]
<u>medium</u>	<u>Nantaise améliorée 2, Nantaise améliorée 3</u>	5[]
<u>medium to late</u>		6[]
<u>late</u>	<u>De Colmar à cœur rouge 2, Touchon</u>	7[]
<u>late to very late</u>		8[]
<u>very late</u>	<u>Goliath</u>	9[]

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.14 (29) Plant: tendency to bolting			
very weak			1[]
very weak to weak			2[]
weak	Molene, Tancar		3[]
weak to medium			4[]
medium	Nantaise améliorée 2, Nantaise améliorée 3		5[]
medium to strong			6[]
strong	Muscade, Touchon		7[]
strong to very strong			8[]
very strong			9[]
5.14 15 (31) Plants: proportion of male sterile plants			
absent or very low	Nantaise améliorée 2, Touchon		1[]
intermediate			2[]
high	Nanco, Tino		3[]
5.12 16 (32) Plant: type of male sterility			
brown anther	Nanco		1[]
petaloid anther	Tino		2[]

[Annex IV follows]

ANNEX IV

Test Guidelines for Spinach (document TG/55/7 Rev. 6)

The proposed additions to TQ 5 are presented in highlight and underline.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).		
Characteristics	Example Varieties	Note
5.1 (1) <u>Seedling: length of cotyledon</u>		
<u>very short</u>		<u>1[]</u>
<u>very short to short</u>		<u>2[]</u>
short	Nores	3[]
<u>short to medium</u>		<u>4[]</u>
medium		5[]
<u>medium to long</u>		<u>6[]</u>
long	Breedblad Scherpzaad, Resistoflay	7[]
<u>long to very long</u>		<u>8[]</u>
<u>very long</u>		<u>9[]</u>
5.2 (2) <u>Leaf: anthocyanin coloration of petioles and veins</u>		
<u>absent</u>	<u>Resistoflay, Nores</u>	<u>1[]</u>
<u>present</u>	<u>Red Cardinal, Reddy</u>	<u>2[]</u>
5.4 (3) <u>Leaf blade: intensity of green color</u>		
very light		1[]
<u>very light to light</u>		<u>2[]</u>
light	Monet, Viroflay, Winterreuzen	3[]
<u>light to medium</u>		<u>4[]</u>
medium	Butterflay, Monnopa	5[]
<u>medium to dark</u>		<u>6[]</u>
dark	Imola, Lavewa, Nores	7[]
<u>dark to very dark</u>		<u>8[]</u>
very dark	Lorelay, Mystic	9[]

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.2.4 Leaf blade: blistering (4)			
absent or very weak	Matador	1[]	
<u>very weak to weak</u>		2[]	
weak	Polka, Tarp	3[]	
<u>weak to medium</u>		4[]	
medium	Butterflay, Koala, Mystic	5[]	
<u>medium to strong</u>		6[]	
strong	Giraffe, Rhythm	7[]	
<u>strong to very strong</u>		8[]	
very strong	Menorca, Revolver	9[]	
5.5 Leaf blade: shape (excluding basal lobes) (9)			
<u>triangular</u>	<u>Grappa, Maracas</u>	1[]	
<u>medium ovate</u>	<u>Lavewa, Resistoflay</u>	2[]	
<u>broad ovate</u>	<u>Butterflay</u>	3[]	
<u>medium elliptic</u>		4[]	
<u>broad elliptic</u>	<u>Nores</u>	5[]	
<u>circular</u>	<u>Giraffe</u>	6[]	
5.3.6 Leaf blade: shape of apex (11)			
acute	Grappa, Rhythm	1[]	
obtuse	Resistoflay	2[]	
rounded	Imola, Nores	3[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
5.4 7 Proportion of monoecious plants (13)		
absent or very low	Medania	1[]
<u>very low to low</u>		2[]
low	Matador	3[]
<u>low to medium</u>		4[]
medium	Figo	5[]
<u>medium to high</u>		6[]
high	Giraffe, Lazio	7[]
<u>high to very high</u>		8[]
very high	Monnopa	9[]
5.5 8 Proportion of female plants (14)		
absent or very low	Monnopa	1[]
<u>very low to low</u>		2[]
low	Giraffe	3[]
<u>low to medium</u>		4[]
medium	Figo, Medania	5[]
<u>medium to high</u>		6[]
high	Parrot	7[]
<u>high to very high</u>		8[]
very high		9[]
5.6 9 Proportion of male plants (15)		
absent or very low	Monnopa, Parrot	1[]
<u>very low to low</u>		2[]
low		3[]
<u>low to medium</u>		4[]
medium	Medania	5[]
<u>medium to high</u>		6[]
high		7[]
<u>high to very high</u>		8[]
very high		9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.7 10 (16) Time of start of bolting (for spring sown crops, 15% of plants)		
very early	Figo, Maracas	1[]
<u>very early to early</u>		2[]
early	Bandola, Viroflay	3[]
<u>early to medium</u>		4[]
medium	Matador, Monnopa	5[]
<u>medium to late</u>		6[]
late	Grappa, Medania, Revolver	7[]
<u>late to very late</u>		8[]
very late	Chica, Lavewa	9[]
5.11 (18.1) Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 1		
<u>absent</u>	<u>Viroflay, Winterreuzen</u>	1[]
<u>present</u>	<u>Califlay, Resistoflay</u>	9[]
<u>not tested</u>		[]
5.12 (18.2) Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 2		
<u>absent</u>	<u>Califlay</u>	1[]
<u>present</u>	<u>Resistoflay</u>	9[]
<u>not tested</u>		[]
5.13 (18.3) Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 3		
<u>absent</u>	<u>Resistoflay</u>	1[]
<u>present</u>	<u>Califlay, Clermont</u>	9[]
<u>not tested</u>		[]
5.14 (18.4) Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 4		
<u>absent</u>	<u>Califlay</u>	1[]
<u>present</u>	<u>Clermont</u>	9[]
<u>not tested</u>		[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
<u>5.15</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 5</u> <u>(18.5)</u>		
<u>absent</u>	<u>Clermont</u>	1 []
<u>present</u>	<u>Califlay, Campania</u>	9 []
<u>not tested</u>		[]
<u>5.16</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 6</u> <u>(18.6)</u>		
<u>absent</u>	<u>Califlay, Campania</u>	1 []
<u>present</u>	<u>Boeing</u>	9 []
<u>not tested</u>		[]
<u>5.17</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 7</u> <u>(18.7)</u>		
<u>absent</u>	<u>Califlay</u>	1 []
<u>present</u>	<u>Campania</u>	9 []
<u>not tested</u>		[]
<u>5.18</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 8</u> <u>(18.8)</u>		
<u>absent</u>	<u>Boeing, Campania</u>	1 []
<u>present</u>	<u>Lazio, Lion</u>	9 []
<u>not tested</u>		[]
<u>5.19</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 10</u> <u>(18.9)</u>		
<u>absent</u>	<u>Boeing, Campania, Lion</u>	1 []
<u>present</u>	<u>Lazio</u>	9 []
<u>not tested</u>		[]
<u>5.20</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 11</u> <u>(18.10)</u>		
<u>absent</u>	<u>Lazio</u>	1 []
<u>present</u>	<u>Boeing, Califlay, Campania, Lion</u>	9 []
<u>not tested</u>		[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
<u>5.21</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 12</u> <u>(18.11)</u>		
<u>absent</u>	<u>Boeing, Campania</u>	<u>1 []</u>
<u>present</u>	<u>Finch, Pigeon, Red Kitten, Zebu</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.22</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 13</u> <u>(18.12)</u>		
<u>absent</u>	<u>Campania</u>	<u>1 []</u>
<u>present</u>	<u>Boeing, Lion</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.23</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 14</u> <u>(18.13)</u>		
<u>absent</u>	<u>Campania, Pigeon</u>	<u>1 []</u>
<u>present</u>	<u>Califlay, Lion</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.24</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 15</u> <u>(18.14)</u>		
<u>absent</u>	<u>Caladonia</u>	<u>1 []</u>
<u>present</u>	<u>Pigeon</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.25</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 16</u> <u>(18.15)</u>		
<u>absent</u>	<u>Meerkat</u>	<u>1 []</u>
<u>present</u>	<u>Caladonia</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>
<u>5.26</u> <u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 17</u> <u>(18.16)</u>		
<u>absent</u>	<u>Pigeon</u>	<u>1 []</u>
<u>present</u>	<u>Hydrus</u>	<u>9 []</u>
<u>not tested</u>		<u>[]</u>

[Annex V follows]

ANNEX V

Test Guidelines for Cucumber, Gherkin (document TG/61/7 Rev. 2 Corr. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

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 Cotyledon: bitterness (1)		
absent	Rocket GS, Sandra	1 []
present	Farbio	9 []
5.2 Plant: growth type (2)		
<u>determinate</u>	<u>Bush Crop, Shachal</u>	<u>1 []</u>
<u>indeterminate</u>	<u>Corona, Levina</u>	<u>2 []</u>
5.2.3 Plant: sex expression (13)		
monoecious	Hokus	1 []
subgynoecious	Toska 70	2 []
gynoecious	Farbio, Sandra, Wilma	3 []
hermaphroditic	Sunsweet	4 []
5.3.4 Ovary: color of vestiture (15)		
white	Jazzer	1 []
black	Vert petit de Paris	2 []
5.4.5 Parthenocarpy (16)		
absent	Toska 70	1 []
present	Farbio, Rocket GS, Sandra, Wilma	9 []

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.4.6 Fruit: length (17)		
very short	De Russie, Sunsweet	1 []
<u>very short to short</u>		2 []
short		3 []
<u>short to medium</u>		4 []
medium	Gemini, Jazzer	5 []
<u>medium to long</u>		6 []
long	Corona	7 []
<u>long to very long</u>		8 []
very long		9 []
5.7 Fruit: diameter (18)		
<u>very small</u>		1 []
<u>very small to small</u>		2 []
<u>small</u>	<u>Picobello, Wilma</u>	3 []
<u>small to medium</u>		4 []
<u>medium</u>	<u>Corona, Diamant</u>	5 []
<u>medium to large</u>		6 []
<u>large</u>	<u>Delikatess, Riesenschäl</u>	7 []
<u>large to very large</u>		8 []
<u>very large</u>		9 []
5.6.8 Fruit: shape of stem end (22)		
necked	Sandra, Tasty Green	1 []
acute	De Massy	2 []
obtuse	Maram, Score	3 []
5.7.9 Fruit: ground color of skin at market stage (25)		
white	Bonneuil	1 []
yellow	Gele Tros	2 []
green	Corona	3 []

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.8 10	Fruit: type of vestiture		
(31)			
hairs only	Silor	1 []	
hairs and prickles	De Bourbonne, De Massy	2 []	
prickles only	Corona, Jazzer	3 []	
5.11	Fruit: size of warts		
(35)			
<u>very small</u>	<u>Parmel</u>	<u>1 []</u>	
<u>very small to small</u>		<u>2 []</u>	
<u>small</u>	<u>Jazzer</u>	<u>3 []</u>	
<u>small to medium</u>		<u>4 []</u>	
<u>medium</u>	<u>Regal</u>	<u>5 []</u>	
<u>medium to large</u>		<u>6 []</u>	
<u>large</u>	<u>Chinese Slangen</u>	<u>7 []</u>	
<u>large to very large</u>		<u>8 []</u>	
<u>very large</u>	<u>Tasty Green</u>	<u>9 []</u>	
5.9 12	Resistance to <i>Cladosporium cucumerinum</i> (Ccu)		
(44)			
absent	Cherubino, Frontera, Pepinex 69	1 []	
present	Corona, Marketmore 76, Sheila	9 []	
not tested		[]	
5.40 13	Resistance to <i>Cucumber mosaic virus</i> (CMV)		
(45)			
susceptible	Bosporus, Corona, Ventura	1 []	
moderately resistant	Capra, Gardon, Verdon	2 []	
highly resistant	Naf, Picolino	3 []	
not tested		[]	
5.41 14	Resistance to Powdery mildew (<i>Podosphaera xanthii</i>) (Px)		
(46)			
susceptible	Corona, Ventura	1 []	
moderately resistant	Flamingo	2 []	
highly resistant	Aramon, Bella, Cordoba	3 []	
not tested		[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.12 15 Resistance to <i>Corynespora</i> blight and target leaf spot (48) (<i>Corynespora cassiicola</i>) (Cca)		
absent	Bodega, Pepinova	1 []
present	Corona, Cumlaude	9 []
not tested		[]
5.13 16 Resistance to <i>Cucumber vein yellowing virus</i> (CVYV) (49)		
absent	Corinda, Corona, Ventura	1 []
present	Dina, Summerstar, Tornac	9 []
not tested		[]

[Annex VI follows]

Test Guidelines for Melon (document TG/104/5 Rev. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

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 (12) Inflorescence: sex expression (at full flowering)		
monoecious	Alpha, Categoría	1[]
andromonoecious	Piel de Sapo	2[]
5.2 (24) Fruit: length		
<u>very short</u>	<u>Doublon, Golden Crispy</u>	<u>1[]</u>
<u>very short to short</u>		<u>2[]</u>
<u>short</u>	<u>Topper, Védrantais</u>	<u>3[]</u>
<u>short to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Marina, Spanglia</u>	<u>5[]</u>
<u>medium to long</u>		<u>6[]</u>
<u>long</u>	<u>Categoría, Toledo</u>	<u>7[]</u>
<u>long to very long</u>		<u>8[]</u>
<u>very long</u>	<u>Katsura Giant, Valdivia</u>	<u>9[]</u>
5.3 (25) Fruit: diameter		
<u>very narrow</u>	<u>Banana, Golden Crispy</u>	<u>1[]</u>
<u>very narrow to narrow</u>		<u>2[]</u>
<u>narrow</u>	<u>Alpha, Maestro</u>	<u>3[]</u>
<u>narrow to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Categoría, Galia</u>	<u>5[]</u>
<u>medium to broad</u>		<u>6[]</u>
<u>broad</u>	<u>Albino, Kinka</u>	<u>7[]</u>
<u>broad to very broad</u>		<u>8[]</u>
<u>very broad</u>	<u>Noir des Carmes</u>	<u>9[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.2 4 (28)	Fruit: shape in longitudinal section	
ovate	De Cavaillon, Piolín	1[]
medium elliptic	Piel de Sapo	2[]
broad elliptic	Corin, Sardo	3[]
circular	Alpha, Galia	4[]
quadrangular	Zatta	5[]
oblate	Jívaro, Noir de Carnes	6[]
obovate	Cganchi	7[]
elongated	Alficoz, Banana	8[]
5.3 5 (29)	Fruit: ground color of skin	
white	Albino, Honey Dew	1[]
yellow	Amarillo-Canario, Edén, Galia, Passport, Solarking	2[]
green	Gohyang, Piel de Sapo	3[]
grey	Geaprince, Geamar, Romeo, Sirio, Supporter, Védreantais	4[]
5.4 6 (36)	Fruit: density of patches	
absent or very sparse	Rochet	1[]
<u>very sparse to sparse</u>		<u>2[]</u>
sparse		3[]
<u>sparse to medium</u>		<u>4[]</u>
medium	Braco	5[]
<u>medium to dense</u>		<u>6[]</u>
dense	Piel de Sapo	7[]
<u>dense to very dense</u>		<u>8[]</u>
very dense	Oranje Ananas	9[]
5.5 7 (38)	Fruit: warts	
absent	Piel de Sapo	1[]
present	Zatta	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.6 8 (43) Fruit: grooves		
absent or very weakly expressed	Piel de Sapo, Arava	1[]
weakly expressed	Total, Hobby	2[]
strongly expressed	Védrantais, Galia	3[]
5.9 (47) Fruit: creasing of surface		
<u>absent or very weak</u>	<u>Védrantais</u>	<u>1[]</u>
<u>very weak to weak</u>		<u>2[]</u>
<u>weak</u>	<u>Melchor, Sirocco</u>	<u>3[]</u>
<u>weak to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Costa, Piolín</u>	<u>5[]</u>
<u>medium to strong</u>		<u>6[]</u>
<u>strong</u>	<u>Tendral Negro</u>	<u>7[]</u>
<u>strong to very strong</u>		<u>8[]</u>
<u>very strong</u>	<u>Balbey, Kirkaqac</u>	<u>9[]</u>
5.7 10 (48) Fruit: cork formation		
absent	Alpha	1[]
present	Dalton	9[]
5.8 11 (50) Fruit: pattern of cork formation		
dots only	Hermes, Védrantais	1[]
dots and linear	Jivaro, Topper	2[]
linear only	Futuro, Riosol	3[]
linear and netted	Anatol, Chantal	4[]
netted only	Galia, Perlita	5[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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5.9 12 (51)	Fruit: density of pattern of cork formation		
	very sparse	Alpha, Amarillo Oro	1[]
	<u>very sparse to sparse</u>		2[]
	sparse	Védrantais	3[]
	<u>sparse to medium</u>		4[]
	medium	Regal, Vital	5[]
	<u>medium to dense</u>		6[]
	dense	Galia, Geamar	7[]
	<u>dense to very dense</u>		8[]
	very dense	Honey Rock, Perlita	9[]
5.10 13 (54)	Fruit: main color of flesh		
	white	Piel de Sapo	1[]
	greenish white	Galia	2[]
	green	Radical	3[]
	yellowish white	Guaraní	4[]
	orange	Védrantais	5[]
	reddish orange	Magenta	6[]
5.11 14 (60)	Seed: length		
	very short	Geumssaraki, Golden Crispi	1[]
	<u>very short to short</u>		2[]
	short	Elario, Katsura Giant	3[]
	<u>short to medium</u>		4[]
	medium	Arava, Sancho	5[]
	<u>medium to long</u>		6[]
	long	Amarillo Oro, Toledo	7[]
	<u>long to very long</u>		8[]
	very long	Albino	9[]
5.12 15 (63)	Seed: color		
	whitish	Amarillo Oro s.b.	1[]
	cream yellow	Galia, Piel de Sapo	2[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.16 (65)		
Time of male flowering		
<u>very early</u>		1f 1
<u>very early to early</u>		2f 1
<u>early</u>	<u>Clipper, Vital</u>	3f 1
<u>early to medium</u>		4f 1
<u>medium</u>	<u>Categoría</u>	5f 1
<u>medium to late</u>		6f 1
<u>late</u>	<u>Nicolás, Rocín</u>	7f 1
<u>late to very late</u>		8f 1
<u>very late</u>		9f 1
5.17 (66)		
Time of female flowering		
<u>very early</u>		1f 1
<u>very early to early</u>		2f 1
<u>early</u>	<u>Clipper</u>	3f 1
<u>early to medium</u>		4f 1
<u>medium</u>	<u>Braco, Categoría, Vital</u>	5f 1
<u>medium to late</u>		6f 1
<u>late</u>	<u>Nicolás</u>	7f 1
<u>late to very late</u>		8f 1
<u>very late</u>		9f 1
5.18 (67)		
Time of ripening		
<u>very early</u>	<u>Goldstar, Sun</u>	1f 1
<u>very early to early</u>		2f 1
<u>early</u>	<u>Galia</u>	3f 1
<u>early to medium</u>		4f 1
<u>medium</u>	<u>Védrantais</u>	5f 1
<u>medium to late</u>		6f 1
<u>late</u>	<u>Pinonet Piel de Sapo, Rochet</u>	7f 1
<u>late to very late</u>		8f 1
<u>very late</u>	<u>Clipper, Supporter, Tendral</u>	9f 1

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.13 19 (68) Shelf life of fruit		
very short	Charentais	1[]
<u>very short to short</u>		<u>2[]</u>
short	Galia	3[]
<u>short to medium</u>		<u>4[]</u>
medium	Clipper	5[]
<u>medium to long</u>		<u>6[]</u>
long	Piel de Sapo	7[]
<u>long to very long</u>		<u>8[]</u>
very long	Tendral Negro	9[]
5.14 20 (69.1) Resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> – Race 0		
absent	Jaune Canari 2	1[]
present	Jador, Védrantais	9[]
5.15 21 (69.2) Resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> - Race 1		
absent	Jaune Canari 2, Védrantais	1[]
present	Arapaho, Jador, Rubbens	9[]
5.16 22 (69.3) Resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> - Race 2		
absent	Arapaho, Jaune Canari 2, Rubbens	1[]
present	Anasta, Cléo, Jador, Védrantais,	9[]
5.23 (69.4) <u>Resistance to <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> - Race 1.2</u>		
<u>susceptible</u>	<u>Jaune Canari 2,</u> <u>Védrantais, Virgos</u>	<u>1[]</u>
<u>moderately resistant</u>	<u>Lunasol</u>	<u>2[]</u>
<u>highly resistant</u>	<u>Dinero, Isabelle</u>	<u>3[]</u>
<u>not tested</u>		<u>[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.24 (70.1) Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) - Race 1		
susceptible	<u>Jaune Canari 2, Védrantais</u>	1f []
moderately resistant	<u>Escrito</u>	2f []
highly resistant	<u>Anasta, Cézanne</u>	3f []
not tested		[]
5.25 (70.2) Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) - Race 2		
susceptible	<u>Galoubet, Védrantais</u>	1f []
moderately resistant	<u>Escrito, Pendragon</u>	2f []
highly resistant	<u>Anasta, Cézanne</u>	3f []
not tested		[]
5.26 (70.3) Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) - Race 3		
susceptible	<u>Védrantais</u>	1f []
moderately resistant	<u>Nettuno</u>	2f []
highly resistant	<u>Batista, Godiva</u>	3f []
not tested		[]
5.27 (70.4) Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) - Race 5		
susceptible	<u>Védrantais</u>	1f []
moderately resistant	<u>Hugo, Pendragon</u>	2f []
highly resistant	<u>Arapaho</u>	3f []
not tested		[]
5.28 (70.5) Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) - Race 3-5		
susceptible	<u>Védrantais</u>	1f []
moderately resistant	<u>Cisco</u>	2f []
highly resistant	<u>90625</u>	3f []
not tested		[]

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Characteristics	Example Varieties	Note
5.29 (71)	<u>Resistance to <i>Golovinomyces cichoracearum</i> (<i>Erysiphe cichoracearum</i>)</u> <u>Race 1 (Powdery mildew)</u>	
<u>susceptible</u>	<u>Escrito, Score, Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>moderately resistant</u>	<u>Flores, Anasta</u>	<u>2f</u> <input type="checkbox"/>
<u>highly resistant</u>	<u>Cézanne, Heliobel, Théo</u>	<u>3f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>
5.30 (72)	<u>Resistance to colonization by <i>Aphis gossypii</i></u>	
<u>absent</u>	<u>Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>present</u>	<u>AR Hale's Best Jumbo, AR Top Mark, Godiva, Heliobel, Virgos</u>	<u>9f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>
5.31 (73)	<u>Resistance to <i>Zucchini yellow mosaic virus</i> (ZYMV)</u>	
<u>absent</u>	<u>Cardillo, Générés, Jador, Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>present</u>	<u>Hannah's Choice, Lunaduke</u>	<u>9f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>
5.32 (74.1)	<u>Resistance to <i>Papaya ringspot virus</i> (PRSV) - Guadeloupe strain</u>	
<u>absent</u>	<u>Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>present</u>	<u>Hannah's Choice</u>	<u>9f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>
5.33 (74.2)	<u>Resistance to <i>Papaya ringspot virus</i> (PRSV) - E2 strain</u>	
<u>absent</u>	<u>Hannah's Choice, Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>present</u>	<u>WMR29</u>	<u>9f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>
5.34 (75)	<u>Resistance to <i>Melon necrotic spot virus</i> (MNSV) Strain 0 (MNSV: 0)</u>	
<u>absent</u>	<u>Védrantais</u>	<u>1f</u> <input type="checkbox"/>
<u>present</u>	<u>Cyro, Primal, Virgos, Yellow Fun</u>	<u>9f</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>

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Characteristics	Example Varieties	Note
<u>5.35</u> <u>(76)</u> <u>Resistance to <i>Cucumber mosaic virus</i> (CMV)</u>		
<u>absent</u>	<u>Cézanne, Dalton</u>	<u>1</u> <input type="checkbox"/>
<u>present</u>	<u>Lunaduke, Virgos</u>	<u>9</u> <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>

[Annex VII follows]

ANNEX VII

Test Guidelines for Squash, Vegetable Marrow (document TG/119/4 Corr. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in the Test Guidelines; please mark the state of expression which best corresponds).		
Characteristics	Example Varieties	Note
5.1 Types of edible varieties: Fruit: type		
Pumpkin	Halloween, Little Boo, Small Sugar	1[]
Miniature Pumpkin	Jack Be Little	2[]
Scallop	Patty Pan, Scallopini	3[]
Acorn	Table Queen	4[]
Neck	Early Prolific Straightneck, Yellow Summer Crookneck	5[]
Zucchini	Ambassador, Beiruti, Clarita, Elite, Ibis, Romano	6[]
Rounded Zucchini	De Nice à fruit rond, Redondo	7[]
Delicata	Delicata	8[]
Spaghetti Squash	Pasta, Vegetable Spaghetti	9[]
Rondini	Little Gem	10[]
Ölkürbis	Markant	11[]
Other		12[]
5.2 Plant: growth habit (4)		
bush	Greyzini	1[]
semi-trailing	Cinderella, Everest, Twickers	2[]
trailing	Becky, Long Green Trailing	3[]
5.3 Plant: branching (5)		
absent	Goldi	1[]
present	Patty Green Tint	9[]

Characteristics	Example Varieties	Note
5.4 (13) Leaf blade: incisions		
<u>absent or very shallow</u>	<u>Scallopini</u>	1[]
<u>very shallow to shallow</u>		2[]
<u>shallow</u>	<u>Everest</u>	3[]
<u>shallow to medium</u>		4[]
<u>medium</u>	<u>Jackpot</u>	5[]
<u>medium to deep</u>		6[]
<u>deep</u>	<u>Civac</u>	7[]
<u>deep to very deep</u>		8[]
<u>very deep</u>	<u>Isotta</u>	9[]
5.4.5 (15) Leaf blade: silvery patches		
absent	Black Forest, Scallopini	1[]
present	Civac	9[]
5.6 (16) Leaf blade: relative area covered by silvery patches		
<u>very small</u>	<u>Albo</u>	1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Aziz</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Ambassador</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Cora</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>	<u>Summerstar</u>	9[]
5.7 (26) Only Zucchini and Rounded Zucchini type varieties: Young fruit: general shape		
<u>globular</u>	<u>De Nice à Fruit Rond</u>	1[]
<u>pear shaped</u>	<u>Clarita</u>	2[]
<u>tapered elliptical</u>	<u>Top Kapi</u>	3[]
<u>elliptical</u>	<u>Table Dainty</u>	4[]
<u>cylindrical</u>	<u>Ambassador, Ibis</u>	5[]
<u>tapered cylindrical</u>		6[]

Characteristics	Example Varieties	Note
5.8 (27) <u>Young fruit: main color of skin (excluding color of ribs or grooves)</u>		
<u>white</u>	<u>White Bush Scallop</u>	1[]
<u>cream</u>	<u>Tivoli</u>	2[]
<u>yellow</u>	<u>Goldi</u>	3[]
<u>green</u>	<u>Elite, Opal, Romano</u>	4[]
<u>partly white and partly yellow</u>		5[]
<u>partly white and partly green</u>		6[]
<u>partly yellow and partly green</u>	<u>Sunburst, Zephyr</u>	7[]
5.9 (30) <u>Fruit: general shape</u>		
<u>disc shaped</u>		1[]
<u>transverse elliptical</u>		2[]
<u>transverse broad elliptical</u>		3[]
<u>globular</u>		4[]
<u>top shaped</u>		5[]
<u>broad elliptical</u>		6[]
<u>ovate</u>		7[]
<u>elliptical</u>		8[]
<u>cylindrical</u>		9[]
<u>pear shaped</u>		10[]
<u>bottle shaped</u>		11[]
<u>club shaped</u>		12[]
5.10 (31.1) <u>Only Scallop type varieties: Fruit: length</u>		
<u>very short</u>		1[]
<u>very short to short</u>		2[]
<u>short</u>	<u>Bennings Green Tint</u>	3[]
<u>short to medium</u>		4[]
<u>medium</u>	<u>Sunburst</u>	5[]
<u>medium to long</u>		6[]
<u>long</u>	<u>Yellow Bush Scallop</u>	7[]
<u>long to very long</u>		8[]
<u>very long</u>		9[]

Characteristics	Example Varieties	Note
5.11 (31.2) Only Acorn type varieties: Fruit: length		
<u>very short</u>		1f]
<u>very short to short</u>		2f]
<u>short</u>	<u>Table Gold</u>	3f]
<u>short to medium</u>		4f]
<u>medium</u>	<u>Swan White Acorn</u>	5f]
<u>medium to long</u>		6f]
<u>long</u>	<u>Ebony Table Queen</u>	7f]
<u>long to very long</u>		8f]
<u>very long</u>		9f]
5.12 (31.3) Only Neck type varieties: Fruit: length		
<u>very short</u>		1f]
<u>very short to short</u>		2f]
<u>short</u>	<u>Wryneck</u>	3f]
<u>short to medium</u>		4f]
<u>medium</u>	<u>Yellow Summer Crookneck</u>	5f]
<u>medium to long</u>		6f]
<u>long</u>	<u>Sunbar</u>	7f]
<u>long to very long</u>		8f]
<u>very long</u>		9f]
5.13 (31.4) Only Zucchini type varieties: Fruit: length		
<u>very short</u>	<u>Jericho</u>	1f]
<u>very short to short</u>		2f]
<u>short</u>	<u>Jedida</u>	3f]
<u>short to medium</u>		4f]
<u>medium</u>	<u>Cora</u>	5f]
<u>medium to long</u>		6f]
<u>long</u>	<u>Carlotta</u>	7f]
<u>long to very long</u>		8f]
<u>very long</u>	<u>Altea</u>	9f]

Characteristics	Example Varieties	Note
5.14 (32.1) Only Scallop type varieties: Fruit: maximum diameter		
<u>very small</u>		1f]
<u>very small to small</u>		2f]
<u>small</u>	<u>Scallopini</u>	3f]
<u>small to medium</u>		4f]
<u>medium</u>	<u>Yellow Bush Scallop</u>	5f]
<u>medium to large</u>		6f]
<u>large</u>	<u>White Bush Scallop</u>	7f]
<u>large to very large</u>		8f]
<u>very large</u>		9f]
5.15 (32.2) Only Acorn type varieties: Fruit: maximum diameter		
<u>very small</u>		1f]
<u>very small to small</u>		2f]
<u>small</u>	<u>Table Gold</u>	3f]
<u>small to medium</u>		4f]
<u>medium</u>	<u>Table King</u>	5f]
<u>medium to large</u>		6f]
<u>large</u>	<u>Swan White Acorn</u>	7f]
<u>large to very large</u>		8f]
<u>very large</u>		9f]
5.16 (32.3) Only Zucchini type varieties: Fruit: maximum diameter		
<u>very small</u>		1f]
<u>very small to small</u>		2f]
<u>small</u>	<u>Goldi</u>	3f]
<u>small to medium</u>		4f]
<u>medium</u>	<u>Opal</u>	5f]
<u>medium to large</u>		6f]
<u>large</u>	<u>Jericho, Spidi</u>	7f]
<u>large to very large</u>		8f]
<u>very large</u>		9f]

Characteristics	Example Varieties	Note
5.17 (34.1) Only Pumpkin type varieties: Fruit: size		
<u>very small</u>	<u>Wee-B-Little</u>	1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Peek-a-Boo</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Spirit</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Ghost Rider</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>	<u>Howden</u>	9[]
5.18 (34.2) Only Rondini type varieties: Fruit: size		
<u>very small</u>		1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Pomme d'Or</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Rolet</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Little Gem</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>		9[]
5.19 (46) Fruit: grooves		
<u>absent</u>		1[]
<u>present</u>		9[]
5.5 20 (50) Fruit: main color of skin (excluding color of dots, patches, stripes and bands)		
white	Pâtisson blanc panaché de vert	1[]
cream	Early White Bush Scallop, Little Boo	2[]
yellow	Autumn Gold	3[]
green	Ambassador, Baby Bear	4[]
partly white and partly yellow		5[]
partly white and partly green		6[]
partly yellow and partly green	Sunburst, Zephyr	7[]

Characteristics	Example Varieties	Note
5.21 <u>Only varieties with yellow color of skin: Fruit: intensity of yellow</u> (51) <u>color of skin (as for 50)</u>		
<u>very light</u>		1f]
<u>very light to light</u>		2f]
<u>light</u>		3f]
<u>light to medium</u>		4f]
<u>medium</u>		5f]
<u>medium to dark</u>		6f]
<u>dark</u>		7f]
<u>dark to very dark</u>		8f]
<u>very dark</u>		9f]
5.22 <u>Only varieties with yellow color of skin: Fruit: intensity of yellow</u> (52) <u>color of skin (as for 50)</u>		
<u>very light</u>		1f]
<u>very light to light</u>		2f]
<u>light</u>		3f]
<u>light to medium</u>		4f]
<u>medium</u>		5f]
<u>medium to dark</u>		6f]
<u>dark</u>	<u>Cora</u>	7f]
<u>dark to very dark</u>		8f]
<u>very dark</u>	<u>Baby Bear, Sardane</u>	9f]
5.23 <u>Fruit: stripes in grooves</u> (54)		
<u>absent</u>	<u>Baby Bear, Jack Be Little</u>	1f]
<u>present</u>	<u>Delicata, Heart of Gold, Pâtisson jaune panaché de vert</u>	9f]
5.24 <u>Fruit: dots</u> (57)		
<u>absent</u>	<u>Sunburst</u>	1f]
<u>present</u>	<u>Gold Rush, Table Queen</u>	9f]
5.25 <u>Fruit: secondary green color between ribs (excluding dots)</u> (59)		
<u>absent</u>	<u>Grey Zucchini, Small Sugar</u>	1f]
<u>present</u>	<u>Beatrice, Greyzini, Heart of Gold, Steierischer Ölkürbis, Tonda Padana, Zubi</u>	9f]

Characteristics	Example Varieties	Note
5.25 Ripe fruit: main color of skin (excluding color of mottles, patches, stripes and bands) (69)		
<u>white</u>	<u>Pâtisson blanc panaché de vert</u>	<u>1</u>]
<u>whitish</u>	<u>White Bush Scallop</u>	<u>2</u>]
<u>cream</u>	<u>Bianchini, Opal</u>	<u>3</u>]
<u>yellow</u>	<u>Gold Rush</u>	<u>4</u>]
<u>orange</u>	<u>Autumn Gold</u>	<u>5</u>]
5.26 Ripe fruit: secondary color of skin (as for 69) (71)		
<u>whitish</u>		<u>1</u>]
<u>cream</u>		<u>2</u>]
<u>yellow</u>		<u>3</u>]
<u>orange</u>		<u>4</u>]
<u>green</u>		<u>5</u>]
5.27 Ripe fruit: color of flesh (74)		
<u>cream</u>	<u>Elite</u>	<u>1</u>]
<u>yellow</u>	<u>Sunburst, Vegetable Spaghetti</u>	<u>2</u>]
<u>orange</u>	<u>Autumn Gold</u>	<u>3</u>]

[Annex VIII follows]

ANNEX VIII

Test Guidelines for Watermelon (document TG/142/5 Rev.)

The proposed additions to TQ 5 are presented in highlight and underline.

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 Ploidy (1)		
diploid	SP 4, Sugar Baby, Yamato 3	2[]
triploid	Boston, TRIX 313	3[]
tetraploid		4[]
5.2 Leaf blade: degree of lobing (8)		
<u>absent or very weak</u>	<u>Sunshade</u>	<u>1[]</u>
<u>very weak to weak</u>		<u>2[]</u>
<u>weak</u>	<u>Estrella, Karistan</u>	<u>3[]</u>
<u>weak to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Crimson Sweet, Crisby</u>	<u>5[]</u>
<u>medium to strong</u>		<u>6[]</u>
<u>strong</u>	<u>Cadanz</u>	<u>7[]</u>
<u>strong to very strong</u>		<u>8[]</u>
<u>very strong</u>	<u>SP 1</u>	<u>9[]</u>
5.2.3 Fruit: weight (11)		
very low	Monaco, New Hampshire Midget	1[]
very low to low	Mini, Petite Perfection	2[]
low	Angela	3[]
low to medium	Pasion, Sugar Baby	4[]
medium	Boston	5[]
medium to high	Crimson Sweet, Panonnia	6[]
high	Fabiola	7[]
high to very high	Jubilee	8[]
very high	Carolina Cross, Cobb's Gem, Florida Giant	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3.4 Fruit: shape in longitudinal section (12)		
circular	Camilla, Kanro	1[]
broad elliptic	Fumin, Gray Belle, Yellow Baby, Zorba	2[]
medium elliptic	Congo, Kurobe, Picnic	3[]
narrow elliptic	All Sweet, Charleston Gray	4[]
5.4.5 Fruit: ground color of skin (16)		
yellow	Taiyô	1[]
very light green	Ipanema	2[]
very light green to light green	Napsugar	3[]
light green	Tigre	4[]
light green to medium green	Pepsin	5[]
medium green	Ovation, Talete	6[]
medium green to dark green	Odem, Resistant, Sweet Marvel	7[]
dark green	Sugar Baby	8[]
dark green to very dark green	Augusta, Rocio	9[]
very dark green		10[]
5.6 Fruit: pattern of stripes (18)		
<u>only one colored</u>	<u>Congo</u>	<u>1[]</u>
<u>one colored and veins</u>	<u>Trix Palomar</u>	<u>2[]</u>
<u>one colored, veins and marbled</u>	<u>Boston</u>	<u>3[]</u>
<u>one colored and marbled</u>	<u>Jenny</u>	<u>4[]</u>
<u>two colored, veins and marbled</u>	<u>Crisby</u>	<u>5[]</u>
<u>only veins</u>		<u>6[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
5.5.7 Fruit: width of stripes (19)		
very narrow	SP 4, Tiny Orchid	1[]
very narrow to narrow		2[]
narrow	Boston	3[]
narrow to medium		4[]
medium	Crimson Sweet	5[]
medium to broad		6[]
broad	Sangria	7[]
broad to very broad		8[]
very broad	All Sweet	9[]
5.8 Fruit: conspicuousness of stripes (21)		
<u>inconspicuous or very weakly conspicuous</u>	<u>Augusta</u>	<u>1[]</u>
<u>weak</u>	<u>Odem</u>	<u>2[]</u>
<u>medium</u>	<u>Trix Palomar</u>	<u>3[]</u>
<u>strong</u>	<u>Jenny</u>	<u>4[]</u>
<u>very strong</u>	<u>A graine rouge à confire à chair verte</u>	<u>5[]</u>
5.6.9 Fruit: margin of stripes (22)		
diffuse	Crimson Glory, Crisby	1[]
medium	Crimson Sweet	2[]
sharp	Jenny, Jubilee	3[]
5.10 Fruit: thickness of pericarp (27)		
<u>very thin</u>	<u>Bibo, Tiny Orchid, Luciano</u>	<u>1[]</u>
<u>very thin to thin</u>		<u>2[]</u>
<u>thin</u>	<u>À graine rouge à confire à chair verte, Beni-kodama, Jenny, Kahô, Kassai</u>	<u>3[]</u>
<u>thin to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Pannonia, Sugar Baby, Sugar Belle, Yamato 3</u>	<u>5[]</u>
<u>medium to thick</u>		<u>6[]</u>
<u>thick</u>	<u>Charleston Gray, Crimson Sweet, Kurobe, Triple Sweet, Sunrise</u>	<u>7[]</u>
<u>thick to very thick</u>		<u>8[]</u>
<u>very thick</u>	<u>Coles Early, Kholodok</u>	<u>9[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
<p>5.7 11 Fruit: main color of flesh (28)</p> <p>white</p> <p>yellow</p> <p>orange</p> <p>pink</p> <p>pinkish red</p> <p>red</p> <p>dark red</p>	<p>SP 4, SP 1, Yamato Cream 3</p> <p>Napsugár, Yamato Cream 1</p> <p>Kahô, Tendersweet</p> <p>Sadul</p> <p>Bingo, Crimson Sweet</p> <p>Asahi Miyako Hybrid, Sugar Baby, Topgun</p> <p>Dixie Lee</p>	<p>1[]</p> <p>2[]</p> <p>3[]</p> <p>4[]</p> <p>5[]</p> <p>6[]</p> <p>7[]</p>
<p>5.8 12 <u>Only diploid and tetraploid varieties:</u> Seed: length (31)</p> <p>very short</p> <p>very short to short</p> <p>short</p> <p>short to medium</p> <p>medium</p> <p>medium to long</p> <p>long</p> <p>long to very long</p> <p>very long</p>	<p>Kudam</p> <p>Pannonia, Tabata</p> <p>Sugar Baby</p> <p>Charleston Gray, Kurobe</p> <p>Malali, Wanli</p>	<p>1[]</p> <p>2[]</p> <p>3[]</p> <p>4[]</p> <p>5[]</p> <p>6[]</p> <p>7[]</p> <p>8[]</p> <p>9[]</p>
<p>5.9 13 <u>Only diploid and tetraploid varieties:</u> Seed: ground color of testa (33)</p> <p>white</p> <p>cream</p> <p>green</p> <p>red</p> <p>red brown</p> <p>brown</p> <p>black</p>	<p>Sanpaku</p> <p>Kurobe</p> <p>A confire allongée à graine verte, Green Citron</p> <p>A graine rouge à confire à chair verte, Red Citron</p> <p>Kahô</p> <p>Otome, Sugar Baby</p> <p>Yamato Cream</p>	<p>1[]</p> <p>2[]</p> <p>3[]</p> <p>4[]</p> <p>5[]</p> <p>6[]</p> <p>7[]</p>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.14 (36) <u>Time of female flowering</u>		
<u>very early</u>		1[]
<u>very early to early</u>		2[]
<u>early</u>	<u>Tiny Orchid</u>	3[]
<u>early to medium</u>		4[]
<u>medium</u>	<u>Sugar Baby, Yamato 3</u>	5[]
<u>medium to late</u>		6[]
<u>late</u>	<u>Kurobe</u>	7[]
<u>late to very late</u>		8[]
<u>very late</u>		9[]

[Annex IX follows]

ANNEX IX

Test Guidelines for Tomato Rootstocks (document TG/294/1 Corr. Rev. 3)

The proposed additions to TQ 5 are presented in highlight and underline.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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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 note which best corresponds).

Characteristics	Example Varieties	Note
5.1 (2) <u>Plant: height</u>		
<u>very short</u>		1[]
<u>very short to short</u>		2[]
<u>short</u>	<u>Big Power</u>	3[]
<u>short to medium</u>		4[]
<u>medium</u>	<u>Maxifort</u>	5[]
<u>medium to tall</u>		6[]
<u>tall</u>	<u>Beaufort</u>	7[]
<u>tall to very tall</u>		8[]
<u>very tall</u>		9[]
5.1.2 (11) <u>Fruit: green shoulder</u>		
absent		1[]
present	Big Force, Maxifort	9[]
5.3 (16) <u>Fruit: size</u>		
<u>not developed or very small</u>	<u>RT303</u>	1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Body, Optifort</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Emperador</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Titron</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>		9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.2.4 Fruit: shape in longitudinal section (17)		
broad oblate	He-Wolf	1[]
narrow oblate	Gladiator	2[]
circular	Maxifort	3[]
obovate		4[]
5.3.5 Fruit: number of locules (18)		
only two	Maxifort	1[]
two and three		2[]
5.4.6 Fruit: color at maturity (19)		
green	Big Force	1[]
yellowish	Vigomax	2[]
orangish	Titron	3[]
reddish	Brigeor	4[]
5.7 Autonecrosis (21)		
<u>absent</u>	<u>Maxifort</u>	<u>1[]</u>
<u>present</u>	<u>Body</u>	<u>9[]</u>
5.5.8 Resistance to <i>Meloidogyne incognita</i> (Mi) (22)		
susceptible	Bruce	1[]
moderately resistant		2[]
highly resistant	Emperador	3[]
5.6.9 Resistance to <i>Verticillium</i> sp. (Va and Vd) - Race 0 (23)		
absent		1[]
present	Big Power	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.7 Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) (24)		
5.8 Race 0EU/1US (24.1)		
absent		1[]
present	Emperador	9[]
5.9 Race 1EU/2US (24.2)		
absent		1[]
present	Emperador	9[]
5.10 Race 2EU/3US (24.3)		
absent	Emperador	1[]
present	Colosus	9[]
5.11 Resistance to <i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> (Forl) (25)		
absent	Kemerit	1[]
present	Emperador	9[]
<u>5.12 Resistance to <i>Pyrenochaeta lycopersici</i> (Pl)</u> (28)		
<u>absent</u>		<u>1[]</u>
<u>present</u>	<u>Emperador</u>	<u>9[]</u>
<u>not tested</u>		<u>[]</u>

[Annex X follows]

Test Guidelines for Rose (document TG/11/8 Rev.)

The proposed additions to TQ 5 are presented in highlight and underline.

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).		
Characteristics	Example Varieties	Note
5.1 (1) Plant: growth type		
miniature		1[]
dwarf	Korverlandus (G)	2[]
bed	Taneidol (G)	3[]
shrub	Kolmag (G)	4[]
climber	Noasafa (G)	5[]
ground cover	Meifafio (G)	6[]
5.2 (2) <u>Excluding varieties with growth type climber: Plant: growth habit</u>		
<u>upright</u>	<u>Poulhi008 (P)</u>	<u>1[]</u>
<u>upright to semi upright</u>		<u>2[]</u>
<u>semi upright</u>	<u>Tantasch (G); Korkallet (P)</u>	<u>3[]</u>
<u>semi upright to intermediate</u>		<u>4[]</u>
<u>intermediate</u>	<u>Poulkrid (G); Evera107 (P)</u>	<u>5[]</u>
<u>intermediate to moderately spreading</u>		<u>6[]</u>
<u>moderately spreading</u>	<u>Meibonrib (G)</u>	<u>7[]</u>
<u>moderately spreading to strongly spreading</u>		<u>8[]</u>
<u>strongly spreading</u>	<u>Korkilgwen (G)</u>	<u>9[]</u>
5.3 (3) <u>Plant: height (during second flush)</u>		
<u>very short</u>	<u>Lenwiga (G)</u>	<u>1[]</u>
<u>very short to short</u>		<u>2[]</u>
<u>short</u>	<u>Noason (G)</u>	<u>3[]</u>
<u>short to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Macrexy (G); Ruiy5451 (C)</u>	<u>5[]</u>
<u>medium to tall</u>		<u>6[]</u>
<u>tall</u>	<u>Seliron (C); Tanakinom (G)</u>	<u>7[]</u>
<u>tall to very tall</u>		<u>8[]</u>

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
	<u>very tall</u>	<u>Macyefre (G)</u>	<u>9</u> <u>1</u>
	Characteristics	Example Varieties	Note
5.4 (6)	Stem: number of prickles (excluding very small and hair-like prickles)		
	<u>absent or very few</u>	<u>Ruiorg (G); Meibeqil (P)</u>	<u>1</u> <u>1</u>
	<u>very few to few</u>		<u>2</u> <u>1</u>
	<u>few</u>	<u>Schremna (C); Kortionza (G); Poulcolop (P)</u>	<u>3</u> <u>1</u>
	<u>few to medium</u>		<u>4</u> <u>1</u>
	<u>medium</u>	<u>Selaurum (C); Bokramar (G); Kormisso (P)</u>	<u>5</u> <u>1</u>
	<u>medium to many</u>		<u>6</u> <u>1</u>
	<u>many</u>	<u>Meineble (G); Evera105 (P)</u>	<u>7</u> <u>1</u>
	<u>many to very many</u>		<u>8</u> <u>1</u>
	<u>very many</u>	<u>Deljam (G)</u>	<u>9</u> <u>1</u>
5.5 (7)	Prickles: predominant color (as for 6)		
	<u>greenish</u>	<u>Presur (C); Kolmag (G); Poulcar (P)</u>	<u>1</u> <u>1</u>
	<u>yellowish</u>	<u>Ruiy0775 (P)</u>	<u>2</u> <u>1</u>
	<u>reddish</u>	<u>Bokrarug (G); Delpajor (P)</u>	<u>3</u> <u>1</u>
	<u>purplish</u>	<u>Kornairol (G); Evera102 (P)</u>	<u>4</u> <u>1</u>
5.6 (8)	Leaf: size		
	<u>very small</u>		<u>1</u> <u>1</u>
	<u>very small to small</u>		<u>2</u> <u>1</u>
	<u>small</u>	<u>Predesplen (C); Kordenzen (G); Ruibrei (P)</u>	<u>3</u> <u>1</u>
	<u>small to medium</u>		<u>4</u> <u>1</u>
	<u>medium</u>	<u>Pekcoujenny (C); Tantasch (G); Korrecalam (P)</u>	<u>5</u> <u>1</u>
	<u>medium to large</u>		<u>6</u> <u>1</u>
	<u>large</u>	<u>Poultime (G); Poulhi018 (P)</u>	<u>7</u> <u>1</u>
	<u>large to very large</u>		<u>8</u> <u>1</u>
	<u>very large</u>		<u>9</u> <u>1</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
5.7 (13) <u>Terminal leaflet: shape of blade</u>		
narrow elliptic	Korverlandus (G); Ruiz29924 (P)	1 1
medium elliptic	Korflapei (C); Meihuterb (G); Ruiz14914 (P)	2 1
ovate	Interlis (C); Noahan (G); Evera102 (P)	3 1
circular	Poulna (G)	4 1
5.8 (16) <u>Flowering shoot: flowering laterals</u>		
absent		1 1
present		9 1
5.9 (17) <u>Flowering shoot: number of flowering laterals</u>		
very few		1 1
very few to few		2 1
few	Tanidrak (G); Poulra022 (P)	3 1
few to medium		4 1
medium	Dicentice (G); Poulhi019 (P)	5 1
medium to many		6 1
many	Korgazell (G); Ruiy0775 (P)	7 1
many to very many		8 1
very many	Korgolev (P)	9 1
5.10 (18) <u>Only varieties with no flowering laterals: Flowering shoot: number of flowers</u>		
very few		1 1
very few to few		2 1
few		3 1
few to medium		4 1
medium		5 1
medium to many		6 1
many		7 1
many to very many		8 1
very many		9 1

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.11 (19) Only varieties with flowering laterals: Flowering shoot: number of flowers per lateral		
<u>very few</u>	<u>Somnip (G); Ruiklinko (P)</u>	1[]
<u>very few to few</u>		2[]
<u>few</u>	<u>Noaley (G); Korselug (P)</u>	3[]
<u>few to medium</u>		4[]
<u>medium</u>	<u>Poulanlis (G); Poulbao (P)</u>	5[]
<u>medium to many</u>		6[]
<u>many</u>	<u>TAN97274 (G); Ruitween (P)</u>	7[]
<u>many to very many</u>		8[]
<u>very many</u>	<u>Noamet (G); Poulra017 (P)</u>	9[]
5.2 12 (21) Flower: type		
single	Noastrauss (G)	1[]
semi-double	Poulfiry (G); Poulnil (P)	2[]
double	TAN97103 (G); Korobeia (P)	3[]
5.13 (22) Flower: number of petals		
<u>very few</u>	<u>Noala (G); Delmitaf (P)</u>	1[]
<u>very few to few</u>		2[]
<u>few</u>	<u>Predesplen (C); Tananilov (G); Korbersoma (P)</u>	3[]
<u>few to medium</u>		4[]
<u>medium</u>	<u>Ruiy5451 (C); Poulscots (G); Ruiklinko (P)</u>	5[]
<u>medium to many</u>		6[]
<u>many</u>	<u>Lexani (C); Ruiharl (G); Meiraktas (P)</u>	7[]
<u>many to very many</u>		8[]
<u>very many</u>	<u>Meiroupis (G); Poulwen (P)</u>	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3 14 (23) Flower: color group		
white or near white	Korcilmo (C); Meilontig (G); Poulra022 (P)	1[]
white blend	Specdown (C); TAN98505 (C); TAN97123 (G); Rush (G)	2[]
green	NirpgreenI (C); Korewala (P)	3[]
yellow	Korflapei (C); Poulyc004 (G); Delmitaf (P)	4[]
yellow blend (includes varieties which are primarily yellow, but show some tones of some other hues)	TAN00125 (C); Rumba (G); Ruiabri (P)	5[]
orange	Alsever (P); Tanoranbon (G)	6[]
orange blend (includes varieties which are primarily orange, but show some tones of some other hues)	Presur (C); Meishulo (P)	7[]
pink	Schremeen3001 (C); Noasia (G); Korfonsova (P)	8[]
pink blend (includes varieties which are primarily pink, but show some tones of some other hues)	Schremna (C); Korfeining (G); Poulmeno (P)	9[]
red	Predepass (C); Noafeuer (G); Ruikenre (P)	10[]
red blend (includes varieties which are primarily red, but show some tones of some other hues)	Meilambra (C); Interuspa (G); Delmigre (P)	11[]
red purple	Nirpillpro (C); Poulac016 (P)	12[]
purple	Olyung (C); Stebigpu (G)	13[]
violet blend (includes varieties which are primarily violet but show some tones of some other hues (like mauve and/or lavender)	Scholtec (C); Korflieder (P)	14[]
brown blend (includes varieties which are primarily brown but show some tones of some other hues (like red)	Simcho (G)	15[]
multicolored (varieties with more than one color in sharply defined contrasting zones which are primarily contrasting multicolored only (not blend colors))	Delmitaf (P)	16[]

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.15 (24)	Only varieties with flower type: double: Flower: color of center		
<u>green</u>		1[]	
<u>yellow</u>		2[]	
<u>orange</u>		3[]	
<u>pink</u>		4[]	
<u>red</u>		5[]	
<u>purple</u>		6[]	
5.4 16 (26)	Flower: diameter		
very small	Noastrauss (G); Poulset (P)	1[]	
<u>very small to small</u>		2[]	
small	Interlis (C); Clb.canibo 82 (G); Meiraktas (P)	3[]	
<u>small to medium</u>		4[]	
medium	Schremna (C); Poulberg (G); Ruiz1491 (P)	5[]	
<u>medium to large</u>		6[]	
large	Selaurum (C); Adesmanod (G); Korewala (P)	7[]	
<u>large to very large</u>		8[]	
very large	Koranderer (G); Evera116 (P)	9[]	
5.17 (27)	Flower: shape		
<u>round</u>	Ruirovingt (C); Meiouscki (G); Evera101 (P)	1[]	
<u>irregularly rounded</u>	Ruyi5451 (C); Kormarec (G); Korkallet (P)	2[]	
<u>star-shaped</u>	Predesplen (C); Anakissi (G); Poulra023 (P)	3[]	
5.18 (30)	Flower: fragrance		
<u>absent or weak</u>	Predesplen (C); Ruimats (G); Evera107 (P)	1[]	
<u>medium</u>	Poulsolo (G); Korduftoro (P)	2[]	
<u>strong</u>	Tananirov (G)	3[]	

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.19 (33)	Petal: shape		
	<u>elliptic</u>		1f]
	<u>transverse elliptic</u>	<u>Selaurum (C)</u>	2f]
	<u>obovate</u>	<u>Korcilmo (C)</u>	3f]
	<u>obcordate</u>		4f]
	<u>rounded</u>	<u>Schremna (C); Meihecluz (G); Poulac002 (P)</u>	5f]
5.20 (38)	Petal: length		
	<u>very short</u>		1f]
	<u>very short to short</u>		2f]
	<u>short</u>	<u>Interlis (C)</u>	3f]
	<u>short to medium</u>		4f]
	<u>medium</u>	<u>Predesplen (C)</u>	5f]
	<u>medium to long</u>		6f]
	<u>long</u>	<u>Selaurum (C)</u>	7f]
	<u>long to very long</u>		8f]
	<u>very long</u>		9f]
5.5 21 (40)	Petal: number of colors on inner side (basal spot excluded)		
	one	<u>Selaurum (C), TAN98130 (G); Ruibrei (P)</u>	1f]
	two	<u>Baipeace (G); Delki (P)</u>	2f]
	more than two	<u>Delstrisang (G)</u>	3f]
5.22 (42)	Petal: main color on the inner side (main color is that with largest surface area)		
	<u>RHS Colour Chart (indicate reference number)</u>		
5.23 (43)	Only varieties with two or more colors on inner side of petal: Petal: secondary color (basal spot excluded)		
	<u>RHS Colour Chart (indicate reference number)</u>		

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.24 (45)	Only varieties with two or more colors on inner side of petal: Petal: distribution of secondary color on inner side (basal spot excluded)		
	<u>at base</u>		1[]
	<u>at apex</u>		2[]
	<u>at marginal zone</u>	<u>Panhurem (G); Korbuntea (P)</u>	3[]
	<u>as a flush</u>	<u>Wekquaneze (G)</u>	4[]
	<u>as segments or stripes</u>	<u>Delstrisanq (G); Delmigre (P)</u>	5[]
	<u>as speckles</u>		6[]
5.6 25 i (50)	Petal: main color on the outer side (only if clearly different from inner side)		
	RHS Colour Chart (indicate reference number)		
		
5.6 25 ii (50)	Petal: main color on the outer side (only if clearly different from inner side)		
	green		1[]
	light yellow		2[]
	medium yellow		3[]
	orange		4[]
	pink		5[]
	red		6[]
	purple red		7[]
	brown red		8[]
5.26 (53)	Hip: shape in longitudinal section		
	<u>funnel-shaped</u>	<u>Meidrason (G)</u>	1[]
	<u>pitcher-shaped</u>	<u>Korparezni (G)</u>	2[]
	<u>pear-shaped</u>	<u>Tanzahde (G)</u>	3[]
5.27 (54)	Hip: color (at mature stage)		
	<u>yellow</u>		1[]
	<u>orange</u>		2[]
	<u>red</u>		3[]
	<u>brown</u>		4[]
	<u>black</u>		5[]

ANNEX XI

Test Guidelines for Wheat (document TG/3/12)

The proposed additions to TQ 5 are presented in highlight and underline.

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
<u>5.1</u> <u>Seed: color</u> <u>(1)</u>		
<u>white</u>	<u>(w) SY Ideo, (s) Blini</u>	<u>1 []</u>
<u>reddish</u>	<u>(w) Solehio, (s) Granary</u>	<u>2 []</u>
<u>purple</u>	<u>(w) Indigo</u>	<u>3 []</u>
<u>bluish</u>	<u>(w) Skorpion</u>	<u>4 []</u>
<u>5.2</u> <u>Coleoptile: anthocyanin coloration</u> <u>(3)</u>		
<u>absent or very weak</u>	<u>(w) Rubisko, (s) Cornetto</u>	<u>1 []</u>
<u>very weak to weak</u>		<u>2 []</u>
<u>weak</u>	<u>(w) Antonius, (s) FD 1 24</u>	<u>3 []</u>
<u>weak to medium</u>		<u>4 []</u>
<u>medium</u>	<u>(w) Maxwell, (s) Specifik</u>	<u>5 []</u>
<u>medium to strong</u>		<u>6 []</u>
<u>strong</u>	<u>(w) Homeros, (s) Sensas</u>	<u>7 []</u>
<u>strong to very strong</u>		<u>8 []</u>
<u>very strong</u>	<u>(w) Cellule</u>	<u>9 []</u>
<u>5.4 3</u> <u>Time of ear emergence</u> <u>(7)</u>		
<u>very early</u>	<u>(w) Accor, (s) Badiel</u>	<u>1 []</u>
<u>very early to early</u>		<u>2 []</u>
<u>early</u>	<u>(w) Solehio, (s) Sensas</u>	<u>3 []</u>
<u>early to medium</u>		<u>4 []</u>
<u>medium</u>	<u>(w) Sochty CS, (s) Granary</u>	<u>5 []</u>
<u>medium to late</u>		<u>6 []</u>
<u>late</u>	<u>(w) Rosario, (s) Triso</u>	<u>7 []</u>
<u>late to very late</u>		<u>8 []</u>
<u>very late</u>	<u>(w) Adequat</u>	<u>9 []</u>
<u>5.2 4</u> <u>Lower glume: hairiness on external surface</u> <u>(12)</u>		
<u>absent</u>	<u>(w) Soissons, (s) Triso</u>	<u>1 []</u>
<u>present</u>	<u>(w) Franz, (s) Galera</u>	<u>9 []</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3 5 (13) Plant: length		
very short	(w) Fronton	1 []
very short to short		2 []
short	(w) Apache, (s) Lennox	3 []
short to medium		4 []
medium	(w) Solehio, (s) FD 1 24	5 []
medium to long		6 []
long	(w) Antonius	7 []
long to very long		8 []
very long	(w) Capo	9 []
5.4 6 (14) Straw: pith in cross section		
thin	(w) SY Moisson, (s) FD 1 24	1 []
medium	(w) Apache, (s) Granary	2 []
thick or filled	(w) Synchro, (s) Olivart	3 []
5.5 7 (17) Ear: scurs or awns		
both absent	(s) Gorda	1 []
scurs present		2 []
awns present		3 []
5.6 8 (19) Ear: color		
white		1 []
colored		2 []
5.9 (26) Lower glume: area of hairiness on internal surface		
<u>very small</u>	<u>(w) Lupus</u>	<u>1 []</u>
<u>small</u>		<u>2 []</u>
<u>medium</u>	<u>(w) Solehio, (s) KWS Scirocco</u>	<u>3 []</u>
<u>large</u>		<u>4 []</u>
<u>very large</u>	<u>(w) Apache, (s) Lennox</u>	<u>5 []</u>
5.7 10 (27) Seasonal type		
winter type	(w) Solehio	1 []
alternative type	(w) SY Moisson	2 []
spring type	(s) Lennox	3 []