

Technical Working Party for Vegetables

Fifty-Fifth Session

Antalya, Turkey, May 3 to 7, 2021

TWP/5/13.**Original:** English**Date:** April 6, 2021**Technical Working Party for Ornamental Plants and Forest Trees**

Fifty-Third Session

Roelofarendsveen, Netherlands, June 7 to 11, 2021

Technical Working Party for Agricultural Crops

Fiftieth Session

Arusha, United Republic of Tanzania, June 21 to 25, 2021

Technical Working Party for Fruit Crops

Fifty-Second Session

Zhengzhou, China, July 12 to 16, 2021

REVISION OF TEST GUIDELINES*Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance***EXECUTIVE SUMMARY**

1. The purpose of this document is to present proposals for partial revisions of Test Guidelines to include characteristics from the table of characteristics in the Technical Questionnaires.

2. The TWPs are invited:

(a) not to consider the addition of asterisks where the proposed new TQ characteristics do not currently have an asterisk in the table of characteristics and to consider that matter further at the next full revision of the Test Guidelines concerned; and

(b) to consider whether to revise the guidance in document TGP/7 “Development of Test Guidelines” concerning the relationship between asterisks in the Test Guidelines and TQ characteristics.

3. The TWV is invited to consider the proposals for partial revisions of the Test Guidelines for Maize, Onion and Shallot, Carrot, Spinach, Cucumber, Melon, Squash, Watermelon and Tomato Rootstocks, as set out in paragraph 17 and Annexes I to IX to this document.

4. The TWO is invited to consider the proposal for partial revisions of the Test Guidelines for Rose, as set out in paragraph 17 and Annex X to this document.

5. The TWA is invited to consider the proposals for partial revisions of the Test Guidelines for Maize, Wheat and Hemp, as set out in paragraph 17 and Annexes I, XI and XII to this document.

6. The TWF is invited to consider the proposals for partial revisions of the Test Guidelines for Peach, Japanese Plum, Kiwifruit and Prunus Rootstocks, as set out in paragraph 17 and Annexes XIII to XVI to this document.

7. The structure of this document is as follows:

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ANNEX XIV	Partial revision of the Test Guidelines for Japanese Plum,
ANNEX XV	Partial revision of the Test Guidelines for Kiwifruit
ANNEX XVI	Partial revision of the Test Guidelines for Prunus Rootstocks

8. The following abbreviations are used in this document:

TC:	Technical Committee
TC-EDC:	Enlarged Editorial Committee
TWA:	Technical Working Party for Agricultural Crops
TWC:	Technical Working Party on Automation and Computer Programs
TWF:	Technical Working Party for Fruit Crops
TWO:	Technical Working Party for Ornamental Plants and Forest Trees
TWPs:	Technical Working Parties
TWV:	Technical Working Party for Vegetables

BACKGROUND

9. At their sessions in 2020, the TWV¹, TWO², TWA³ and TWF⁴ considered document TWP/4/13 “Revision of Test Guidelines” (see documents TWV/54/9 “Report”, paragraphs 100 and 101, TWO/52/11 “Report”, paragraphs 75 to 77; TWA/49/7 “Report”, paragraphs 85 to 87; and TWF/51/10 “Report”, paragraphs 92 and 93). Document TWP/4/13 explained as follows:

“In 2017, UPOV introduced UPOV PRISMA, an online service to assist breeders to make PVP applications in participating UPOV members (see: <https://www.upov.int/upovprisma/en/index.html>). The efficiency of UPOV PRISMA is greatly enhanced for applicants where participating UPOV members follow the UPOV Test Guidelines, particularly the Technical Questionnaire in the Test Guidelines, because this means that the same information can be used in other applications. Furthermore, this also greatly reduces the cost of operating UPOV PRISMA by reducing the need for customized TQs and subsequent translation in all UPOV PRISMA supported languages.

“Currently, 22 of the 35 UPOV members participating in UPOV PRISMA indicate that they follow the UPOV Test Guidelines. However, it has become apparent that, for certain crops/species, the Technical Questionnaires in the Test Guidelines do not always reflect the Technical Questionnaires being used by the UPOV members concerned, indicating that a review and possible revision of the Technical Questionnaires in the Test Guidelines concerned would be appropriate to meet the objectives of the Test Guidelines, to improve the efficiency of UPOV PRISMA for applicants and to reduce UPOV’s costs in maintaining UPOV PRISMA.”

10. The TWPs, at their sessions in 2020, were invited to provide information on the use of the Technical Questionnaire from UPOV Test Guidelines, for the possible revision of the Technical Questionnaires in the Test Guidelines concerned to meet the objectives of the Test Guidelines and to improve the efficiency of UPOV PRISMA. The following members provided information to the Office of the Union by August 1, 2020:

African Intellectual Property Organization (OAPI)	Italy
Argentina	Japan
Australia	Kenya
Brazil	Netherlands
Canada	New Zealand
China	Peru
Croatia	Republic of Korea
Czech Republic	Romania
Denmark	Slovakia
European Union	Spain
Finland	Trinidad and Tobago
France	United Kingdom
Hungary	United States of America

11. The compilation of information provided by UPOV members is available as an Excel file on the TC/56 website along with document TC/56/2 “Test Guidelines” (see: https://www.upov.int/meetings/en/details.jsp?meeting_id=55676).

¹ at its fifty-fourth session, held from May 11 to 15, 2020.

² at its fifty-second session, held from June 8 to 12, 2020.

³ at its forty-ninth session, held from June 22 to 26, 2020.

⁴ at its fifty-first session, held from July 6 to 10, 2020.

DEVELOPMENTS AT THE TECHNICAL COMMITTEE

12. The TC, at its fifty-sixth session⁵ considered document TC/56/22 “Outcome of consideration of documents by correspondence”, paragraphs 61 to 65 (see document TC/56/23 “Report”, paragraphs 77 to 79).

13. The TC requested the Office of the Union to identify Test Guidelines where a partial revision of the Test Guidelines, including the Technical Questionnaires, could be anticipated to produce significant benefits for harmonization between members and to present proposals for partial revisions to the Technical Working Parties, at their sessions in 2021, as set out in paragraphs 23 to 26 of document TC/56/2 (see document TC/56/22 “Outcome of consideration of documents by correspondence”, paragraph 62).

14. The TC noted that the Office of the Union had identified Test Guidelines where a partial revision could be anticipated to produce significant benefits for harmonization between members, as presented in the table below. The TC noted that the following criteria had been used to generate the Test Guidelines: large number of PBR applications in several members of the Union; a number of members of the Union have indicated that their technical questionnaires had differences from the UPOV Technical Questionnaire; and relevant crops for UPOV PRISMA.

TG reference	Test Guidelines Common Name	Français	Deutsch	Español	Botanical Name	UPOV codes	TWPs
TG/2/7	Maize	Maïs	Mais	Chicharo, Maíz	Zea mays L.	ZEAAA_MAY	TWA/ TWV
TG/3/12	Wheat	Blé	Weizen	Trigo	Triticum aestivum L.	TRITI_AES	TWA
TG/11/8 Rev.	Rose	Rosier	Rose	Rosal	Rosa L.	ROSAA	TWO
TG/13/11	Lettuce	Laitue	Salat	Lechuga	Lactuca sativa L.	LACTU_SAT	TWV
TG/14/9	Apple (fruit varieties)	Pommier (variétés fruitières)	Apfel (Fruchtsorten)	Manzano (variedades frutales)	Malus domestica Borkh.	MALUS_DOM	TWF
TG/22/10 Rev.	Strawberry	Fraisier	Erdbeere	Fresa, Frutilla	Fragaria L.	FRAGA	TWF
TG/37/10	Turnip	Navet	Herbst-, Mairübe	Nabo	Brassica rapa L. var. rapa (L.)	BRASS_RAP_R AP	TWV
TG/44/11 Rev.2	Tomato	Tomate	Tomate	Tomate	Solanum lycopersicum (L.) Karst. ex. Farw.	SOLAN_LYC	TWV
TG/46/7	Onion, Echalion; Shallot; Grey shallot	Oignon, Échalion; Échalote; Échalote grise	Zwiebel, Echalion; Schalotte; Graue schalotte	Cebolla, Echalion; Chalota; Chalota gris	Allium cepa (Cepa Group), Allium cepa (Aggregatum Group) and Allium oschaninii O. Fedtsch. and hybrids between them	ALLIU_CEP_CE P, ALLIU_CEP_AG G, ALLIU_OSC	TWV
TG/49/8 Corr.	Carrot	Carotte	Möhre	Zanahoria	Daucus carota L.	DAUCU_CAR	TWV
TG/50/9	Grapevine	Vigne	Rebe	Vid	Vitis L.	VITIS	TWF
TG/53/7 Rev.	Peach	Pêcher	Pfirsich	Durazno, Melocotonero	Prunus persica (L.) Batsch	PRUNU_PER	TWF
TG/55/7 Rev. 5	Spinach	Épinard	Spinat	Espinaca	Spinacia oleracea L.	SPINA_OLE	TWV
TG/61/7 Rev. 2	Cucumber, Gherkin	Concombre, Cornichon	Gurke	Pepino, Pepinillo	Cucumis sativus L.	CUCUM_SAT	TWV
TG/76/8 Rev.2	Sweet Pepper, Hot Pepper, Paprika, Chili	Piment, Poivron	Paprika	Aji, Chile, Pimiento	Capsicum annuum L.	CAPSI_ANN	TWV
TG/81/6	Sunflower	Tournesol	Sonnenblume	Girasol	Helianthus annuus L. & H. debilis Nutt.	HLNTS_ANN; HLNTS_DEB	TWA
TG/84/4 Corr. Rev.	Japanese Plum	Prunier japonais	Ostasiatische Pflaume	Ciruelo japonés	Prunus salicina Lindl.	PRUNU_SAL	TWF
TG/98/7	Actinidia, Kiwifruit	Actinidia	Actinidia	Actinidia	Actinidia Lindl.	ACTIN	TWF
TG/104/5 Rev.	Melon	Melon	Melone	Melón	Cucumis melo L.	CUCUM_MEL	TWV
TG/119/4	Vegetable Marrow, Squash	Rosier	Rose	Rosal	Cucurbita pepo L.	CUCUR_PEP	TWV
TG/142/5	Watermelon	Melon d'eau; Pastèque;	Wassermelone	Sandía	Citrullus lanatus (Thunb.) Matsum. et Nakai, Citrullus vulgaris Schrad.	CTRLS_LAN	TWV

⁵ Held via electronic means on October 26 and 27, 2020

TG reference	Test Guidelines Common Name	Français	Deutsch	Español	Botanical Name	UPOV codes	TWPs
TG/187/2	Prunus Rootstocks	Porte-greffes de Prunus	Prunus-Unterlagen	Portainjertos de prunus	Prunus L.	PRUNU	TWF
TG/276/1	Hemp	Chanvre	Hanf	Cáñamo	Cannabis sativa L.	CANNB_SAT	TWA
TG/294/1 Corr. Rev.2	Tomato Rootstocks	Porte-greffe de tomate	Tomatenunterlagen	Portainjertos de tomate	Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum peruvianum (L.) Mill.; Solanum lycopersicum L. x Solanum cheesmaniae (L. Ridley) Fosberg; Solanum pimpinellifolium L. x Solanum habrochaites S. Knapp & D.M. Spooner	SOLAN_LHA, SOLAN_LPE; SOLAN_LCH; SOLAN_PHA	TWV

15. The TC agreed to invite the Office of the Union to consult interested members of the Union to explore for which of these Test Guidelines it would be feasible to propose partial revisions that would enable members of the Union to follow a revised UPOV Technical Questionnaire. The TC agreed that for the Test Guidelines concerned, the Office of the Union would develop proposals for the partial revision of the Test Guidelines, to be presented to the TWPs, at their sessions in 2021.

PROPOSALS FOR PARTIAL REVISIONS OF TEST GUIDELINES

16. On December 28, 2020, the Office of the Union issued Circular E-20/247 to all designated persons at the TC and TWPs inviting proposals for the addition of characteristics from the Table of Characteristics to the Technical Questionnaire of UPOV Test Guidelines.

17. On the basis of the replies received to Circular E-20/247, the following Test Guidelines are proposed to be partially revised for the inclusion of characteristics in section 5 of the Technical Questionnaire:

- TWV

TG reference	Test Guidelines Common Name	Annex
TG/2/7	Maize	Annex I
TG/13/11	Lettuce	Annex II
TG/49/8 Corr.	Carrot	Annex III
TG/55/7 Rev. 5	Spinach	Annex IV
TG/61/7 Rev. 2	Cucumber, Gherkin	Annex V
TG/104/5 Rev.	Melon	Annex VI
TG/119/4	Vegetable Marrow, Squash	Annex VII
TG/142/5	Watermelon	Annex VIII
TG/294/1 Corr. Rev. 2	Tomato Rootstocks	Annex IX

- TWO:

TG reference	Test Guidelines Common Name	Annex
TG/11/8 Rev.	Rose	Annex X

- TWA:

TG reference	Test Guidelines Common Name	Annex
TG/2/7	Maize	Annex I
TG/3/12	Wheat	Annex XI

TG reference	Test Guidelines Common Name	Annex
TG/276/1	Hemp	Annex XII

- TWF:

TG reference	Test Guidelines Common Name	Annex
TG/53/7 Rev.	Peach	Annex XIII
TG/84/4 Corr. 2 Rev.	Japanese Plum	Annex XIV
TG/98/7 Rev. Corr.	Actinidia	Annex XV
TG/187/2	Prunus Rootstocks	Annex XVI

RELATIONSHIP BETWEEN ASTERISKED, GROUPING AND TQ CHARACTERISTICS

18. Document TGP/7 “Development of Test Guidelines”, GN13, establishes that characteristics in the Technical Questionnaire should, in general, receive an asterisk in the Table of Characteristics and be used as grouping characteristics. Information provided by UPOV members on requested technical questionnaire demonstrates that more characteristics are used in authorities’ technical questionnaires than those currently provided in the Technical Questionnaires of UPOV Test Guidelines.

19. In this procedure for partial revisions, it is proposed not to consider the addition of asterisks where the proposed new TQ characteristics do not currently have an asterisk in the table of characteristics and to consider that matter further at the next full revision of the Test Guidelines concerned.

20. It is also proposed that the TWPs consider whether to revise the guidance in document TGP/7 “Development of Test Guidelines” concerning the relationship between asterisks in the Test Guidelines and TQ characteristics on the basis of the information received by members of the Union.

TEST GUIDELINES NOT COVERED IN THIS DOCUMENT

21. Proposals for partial revision of Technical Questionnaires of the following Test Guidelines are not covered in this document due to ongoing full revisions of the respective Test Guidelines:

TG reference	Test Guidelines Common Name	Français	Deutsch	Español	Botanical Name	UPOV codes	TWPs
TG/14/9	Apple (fruit varieties)	Pommier (variétés fruitières)	Apfel (Fruchtsorten)	Manzano (variedades frutales)	Malus domestica Borkh.	MALUS_DOM	TWF
TG/22/10 Rev.	Strawberry	Fraisier	Erdbeere	Fresa, Frutilla	Fragaria L.	FRAGA	TWF
TG/37/10	Turnip	Navet	Herbst-, Mairübe	Nabo	Brassica rapa L. var. rapa (L.)	BRASS_RAP_R AP	TWV
TG/44/11 Rev.1	Tomato	Tomate	Tomate	Tomate	Solanum lycopersicum (L.) Karst. ex. Farw.	SOLAN_LYC	TWV
TG/50/9	Grapevine	Vigne	Rebe	Vid	Vitis L.	VITIS	TWF
TG/76/8 Rev.2	Sweet Pepper, Hot Pepper, Paprika, Chili	Piment, Poivron	Paprika	Aji, Chile, Pimiento	Capsicum annuum L.	CAPSI_ANN	TWV
TG/81/6	Sunflower	Tournesol	Sonnenblume	Girasol	Helianthus annuus L. & H. debilis Nutt.	HLNTS_ANN; HLNTS_DEB	TWA

OVERVIEW OF INDIVIDUAL PROPOSALS FOR PARTIAL REVISIONS OF TEST GUIDELINES

22. The following section provides an overview of the Technical Questionnaires with the addition of the proposed characteristics from the table of characteristics. The full proposals in revisions mode are presented in Annexes I to XVI of this document. The characteristics from the table of characteristics proposed for inclusion in the Technical Questionnaire are indicated with grey highlighting and underline.

23. Information on whether characteristics have an asterisk (*) in the Table of Characteristics is provided beside each proposal.

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

Char. No.	(*)	Characteristic Name
1		<u>First leaf: anthocyanin coloration of sheath</u>
8	(*)	Tassel: time of anthesis
9	(*)	Tassel: anthocyanin coloration at base of glume
11		<u>Tassel: anthocyanin coloration of anthers</u>
14	(*)	<u>Tassel: number of primary lateral branches</u>
15		<u>Ear: time of silk emergence</u>
16	(*)	Ear: anthocyanin coloration of silks
24.1	(*)	<u>Only inbred lines and varieties with ear type of grain: sweet or pop: Plant: length</u>
24.2	(*)	<u>Only hybrids and open-pollinated varieties, excluding varieties with ear type of grain: sweet or pop: Plant: length</u>
30		<u>Ear: shape</u>
32		<u>Only varieties with ear type of grain: sweet or waxy: Ear: number of colors of grains</u>
33	(*)	<u>Only varieties with ear type of grain: sweet: Grain: intensity of yellow color</u>
35		<u>Only varieties with ear type of grain: sweet: Grain: width</u>
36	(*)	Ear: type of grain
37	(*)	<u>Only varieties with ear type of grain: sweet: Ear: shrinkage of top of grain</u>
38	(*)	<u>Ear: color of top of grain</u>
39	(*)	<u>Excluding varieties with ear type of grain: sweet: Ear: color of dorsal side of grain</u>
41	(*)	Ear: anthocyanin coloration of glumes of cob

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

Char. No.	(*)	Characteristic Name	Comments
1	(*)	Seed: color	
2	(*)	<u>Plant: diameter</u>	
3	(*)	<u>Plant: degree of overlapping of upper part of leaves</u>	
6	(*)	<u>Leaf: number of divisions</u>	
7		<u>Only varieties with Leaf: number of divisions: absent or very few: Leaf: shape</u>	
11	(*)	Leaf: anthocyanin coloration	
15	(*)	Leaf: intensity of green color	
18	(*)	<u>Leaf: blistering</u>	
20	(*)	<u>Leaf: undulation of margin</u>	
22		<u>Leaf: depth of incisions of margin</u>	
25	(*)	<u>Leaf: venation</u>	
26		<u>Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: size</u>	
27	(*)	<u>Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: shape in longitudinal section</u>	
35	(*)	Time of beginning of bolting	
38		<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 16EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
39		<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 17EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5

40	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 20EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
41	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 21EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
42	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 22EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
43	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 23EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
44	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 24EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
45	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 25EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
46	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 26EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
47	<u>Resistance to <i>Bremia lactucae</i> (BI) Isolate BI: 27EU</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
53	<u>Resistance to Lettuce mosaic virus (LMV) Pathotype II</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
54	<u>Resistance to <i>Nasonovia ribisnigri</i> (Nr) Biotype Nr: 0</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5

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

Char. No.	(*)	Characteristic Name
3	(*)	Leaf: length (including petiole)
5	(*)	Leaf: intensity of green color
6	(*)	<u>Leaf: anthocyanin coloration of petiole</u>
7	(*)	Root: length
8	(*)	Root: width
10	(*)	Root: shape in longitudinal section
12	(*)	Root: shape of shoulder
13	(*)	Root: tip (when fully developed)
14	(*)	Root: external color
15		<u>Excluding varieties with white external root color:</u> Root: intensity of external color
16		<u>Root: anthocyanin coloration of skin of shoulder</u>
20	(*)	Root: color of core
28		<u>Root: time of coloration of tip in longitudinal section</u>
29		<u>Plant: tendency to bolting</u>
31	(*)	Plants: proportion of male sterile plants
32	(*)	Plant: type of male sterility

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

Char. No.	(*)	Characteristic Name	Comments
1		<u>Seedling: length of cotyledon</u>	
2	(*)	<u>Leaf: anthocyanin coloration of petioles and veins</u>	
3	(*)	Leaf blade: intensity of green color	

4	(*)	Leaf blade: blistering	
9	(*)	<u>Leaf blade: shape (excluding basal lobes)</u>	
11	(*)	Leaf blade: shape of apex	
13	(*)	Proportion of monoecious plants	
14	(*)	Proportion of female plants	
15	(*)	Proportion of male plants	
16	(*)	Time of start of bolting (for spring sown crops, 15% of plants)	
18.1		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 1</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.2		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 2</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.3		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 3</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.4		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 4</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.5		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 5</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.6		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 6</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.7		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 7</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.8		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 8</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.9		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 10</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.10		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 11</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.11		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 12</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.12		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 13</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.13		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 14</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.14		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 15</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.15		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 16</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
18.16		<u>Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 17</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5

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

Char. No.	(*)	Characteristic Name
1	(*)	Cotyledon: bitterness
2	(*)	<u>Plant: growth type</u>
13	(*)	Plant: sex expression
15	(*)	Ovary: color of vestiture

16	(*)	Parthenocarp
17	(*)	Fruit: length
18		<u>Fruit: diameter</u>
22	(*)	Fruit: shape of stem end
25	(*)	Fruit: ground color of skin at market stage
31	(*)	Fruit: type of vestiture
35		<u>Fruit: size of warts</u>
44		Resistance to <i>Cladosporium cucumerinum</i> (Ccu)
45		Resistance to <i>Cucumber mosaic virus</i> (CMV)
46		Resistance to Powdery mildew (<i>Podosphaera xanthii</i>) (Px)
48		Resistance to <i>Corynespora</i> blight and target leaf spot (<i>Corynespora cassiicola</i>) (Cca)
49		Resistance to <i>Cucumber vein yellowing virus</i> (CVYV)

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

Char. No.	(*)	Characteristic Name	Comments
12	(*)	Inflorescence: sex expression (at full flowering)	
24	(*)	<u>Fruit: length</u>	
25	(*)	<u>Fruit: diameter</u>	
28	(*)	Fruit: shape in longitudinal section	
29	(*)	Fruit: ground color of skin	
36	(*)	Fruit: density of patches	
38	(*)	Fruit: warts	
43	(*)	Fruit: grooves	
47	(*)	<u>Fruit: creasing of surface</u>	
48	(*)	Fruit: cork formation	
50	(*)	Fruit: pattern of cork formation	
51	(*)	Fruit: density of pattern of cork formation	
54	(*)	Fruit: main color of flesh	
60	(*)	Seed: length	
63	(*)	Seed: color	
65		<u>Time of male flowering</u>	
66		<u>Time of female flowering</u>	
67		<u>Time of ripening</u>	
68	(*)	Shelf life of fruit	
69.1	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>Melonis</i> Race 0	
69.2	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>Melonis</i> Race 1	
69.3	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>Melonis</i> Race 2	
69.4		<u>Resistance to <i>Fusarium oxysporum</i> f. sp. <i>Melonis</i> Race 1.2</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
70.1		<u>Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) Race 1</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
70.2		<u>Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) Race 2</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
70.3		<u>Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) Race 3</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
70.4		<u>Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) Race 5</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5

70.5	<u>Resistance to <i>Podosphaera xanthii</i> (<i>Sphaerotheca fuliginea</i>) (Powdery mildew) Race 3-5</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
71	<u>Resistance to <i>Golovinomyces cichoracearum</i> (<i>Erysiphe cichoracearum</i>) Race 1 (Powdery mildew)</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
72	<u>Resistance to colonization by <i>Aphis gossypii</i></u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
73	<u>Resistance to Zucchini yellow mosaic virus (ZYMV)</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
74.1	<u>Resistance to Papaya ringspot virus (PRSV) Guadeloupe strain</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
74.2	<u>Resistance to Papaya ringspot virus (PRSV) E2 strain</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
75	<u>Resistance to Melon necrotic spot virus (MNSV) Strain 0 (MNSV: 0)</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5
76	<u>Resistance to Cucumber mosaic virus (CMV)</u>	Currently in TQ 7 with option "Not tested"; "Not tested" added to TQ 5

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

Char. No.	(*)	Characteristic Name
4	(*)	Plant: growth habit
5	(*)	Plant: branching
13	(*)	<u>Leaf blade: incisions</u>
15	(*)	Leaf blade: silvery patches
16		<u>Leaf blade: relative area covered by silvery patches</u>
26		<u>Only Zucchini and Rounded Zucchini type varieties: Young fruit: general shape</u>
27	(*)	<u>Young fruit: main color of skin (excluding color of ribs or grooves)</u>
30	(*)	<u>Fruit: general shape</u>
31.1	(*)	<u>Only Scallop type varieties: Fruit: length</u>
31.2	(*)	<u>Only Acorn type varieties: Fruit: length</u>
31.3	(*)	<u>Only Neck type varieties: Fruit: length</u>
31.4	(*)	<u>Only Zucchini type varieties: Fruit: length</u>
32.1		<u>Only Scallop type varieties: Fruit: maximum diameter</u>
32.2		<u>Only Acorn type varieties: Fruit: maximum diameter</u>
32.3		<u>Only Zucchini type varieties: Fruit: maximum diameter</u>
34.1	(*)	<u>Only Pumpkin type varieties: Fruit: size</u>
34.2	(*)	<u>Only Rondini type varieties: Fruit: size</u>
46	(*)	<u>Fruit: grooves</u>
50	(*)	Fruit: main color of skin (excluding color of dots, patches, stripes and bands)
51		<u>Only varieties with yellow color of skin: Fruit: intensity of yellow color of skin (as for 50)</u>
52		<u>Only varieties with green color of skin: Fruit: intensity of green color of skin (as for 50)</u>
54		<u>Fruit: stripes in grooves</u>
57		<u>Fruit: dots</u>
59		<u>Fruit: secondary green color between ribs (excluding dots)</u>
69	(*)	<u>Ripe fruit: main color of skin (excluding color of mottles, patches, stripes and bands)</u>
71	(*)	<u>Ripe fruit: secondary color of skin (as for 69)</u>
74	(*)	<u>Ripe fruit: color of flesh</u>

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

Char. No.	(*)	Characteristic Name
1	(*)	Ploidy
8	(*)	<u>Leaf blade: degree of lobing</u>
11	(*)	Fruit: weight
12	(*)	Fruit: shape in longitudinal section
16	(*)	Fruit: ground color of skin
18	(*)	<u>Fruit: pattern of stripes</u>
19	(*)	Fruit: width of stripes
21	(*)	<u>Fruit: conspicuousness of stripes</u>
22	(*)	Fruit: margin of stripes
27	(*)	<u>Fruit: thickness of pericarp</u>
28	(*)	Fruit: main color of flesh
31	(*)	<u>Only diploid and tetraploid varieties:</u> Seed: length
33	(*)	<u>Only diploid and tetraploid varieties:</u> Seed: ground color of testa
36		<u>Time of female flowering</u>

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

Char. No.	(*)	Characteristic Name
2		<u>Plant: height</u>
11	(*)	Fruit: green shoulder
16	(*)	<u>Fruit: size</u>
17	(*)	Fruit: shape in longitudinal section
18	(*)	Fruit: number of locules
19	(*)	Fruit: color at maturity
21	(*)	<u>Autonecrosis</u>
22	(*)	Resistance to <i>Meloidogyne incognita</i> (Mi)
23	(*)	Resistance to <i>Verticillium</i> sp. (Va and Vd) – Race 0
24.1	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) – Race 0EU/1US
24.2	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol)– Race 1EU/2US
24.3	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol)– Race 2EU/3US
25	(*)	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> (Forl)
28		<u>Resistance to <i>Pyrenochaeta lycopersici</i> (PI)</u>

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

Char. No.	(*)	Characteristic Name
1	(*)	Plant: growth type
2	(*)	<u>Excluding varieties with growth type climber: Plant: growth habit</u>
3		<u>Plant: height (during second flush)</u>
6		<u>Stem: number of prickles (excluding very small and hair-like prickles)</u>
7		<u>Prickles: predominant color (as for 6)</u>
8		<u>Leaf: size</u>
13	(*)	<u>Terminal leaflet: shape of blade</u>
16		<u>Flowering shoot: flowering laterals</u>
17		<u>Flowering shoot: number of flowering laterals</u>

18		<u>Only varieties with no flowering laterals: Flowering shoot: number of flowers</u>
19		<u>Only varieties with flowering laterals: Flowering shoot: number of flowers per lateral</u>
21	(*)	Flower: type
22	(*)	<u>Flower: number of petals</u>
23	(*)	Flower: color group
24		<u>Only varieties with flower type: double: Flower: color of center</u>
26	(*)	Flower: diameter
27	(*)	<u>Flower: shape</u>
30		<u>Flower: fragrance</u>
33	(*)	<u>Petal: shape</u>
38	(*)	<u>Petal: length</u>
40	(*)	Petal: number of colors on inner side (basal spot excluded)
42	(*)	<u>Petal: main color on the inner side (main color is that with largest surface area)</u>
43	(*)	<u>Only varieties with two or more colors on inner side of petal: Petal: secondary color (basal spot excluded)</u>
45	(*)	<u>Only varieties with two or more colors on inner side of petal: Petal: distribution of secondary color on inner side (basal spot excluded)</u>
50	(*)	Petal: main color on the outer side (only if clearly different from inner side)
53		<u>Hip: shape in longitudinal section</u>
54		<u>Hip: color (at mature stage)</u>

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

Char. No.	(*)	Characteristic Name
1		<u>Seed: color</u>
3		<u>Coleoptile: anthocyanin coloration</u>
7	(*)	Time of ear emergence
12	(*)	Lower glume: hairiness on external surface
13	(*)	Plant: length
14	(*)	Straw: pith in cross section
17	(*)	Ear: scurs or awns
19	(*)	Ear: color
26		<u>Lower glume: area of hairiness on internal surface</u>
27	(*)	Seasonal type

Test Guidelines for Hemp (document TG/276/1)

Char. No.	(*)	Characteristic Name
8	(*)	<u>Leaf: number of leaflets</u>
10		<u>Central leaflet: width</u>
11	(*)	Time of male flowering
13	(*)	Inflorescence: THC content
14	(*)	Plant: proportion of hermaphrodite plants
15	(*)	Plant: proportion of female plants
16	(*)	Plant: proportion of male plants
17	(*)	Plant: natural height
18	(*)	<u>Main stem: color</u>
24		<u>Seed: color of testa</u>

25 Seed: marbling

Test Guidelines for Peach (document TG/53/7 Rev.)

Char. No.	(*)	Characteristic Name	Comments
1	(*)	Tree: size	
2		<u>Tree: vigor</u>	
3	(*)	<u>Tree: habit</u>	
9	(*)	Flower: type	
12		<u>Only varieties with flower type: campanulate: Petal: width</u>	
13	(*)	<u>Only varieties with flower type: rosette: Petal: width</u>	
17	(*)	<u>Anthers: pollen</u>	
20	(*)	<u>Leaf blade: length</u>	
28	(*)	Leaf blade: red mid-vein on the lower side	
30	(*)	Petiole: nectaries	
31	(*)	Petiole: shape of nectaries	
32	(*)	<u>Fruit: size</u>	
33	(*)	Fruit: shape (in ventral view)	
40	(*)	<u>Fruit: ground color of skin</u>	
44	(*)	Fruit: pubescence of skin	
49		<u>Fruit: adherence of skin to flesh</u>	
50	(*)	<u>Fruit: firmness of flesh</u>	
51	(*)	Fruit: carotenoid coloration of flesh	
58		<u>Fruit: flesh fiber</u>	
60	(*)	Fruit: acidity	
61	(*)	<u>Stone: size in relation to fruit</u>	
66	(*)	<u>Stone: adherence to flesh</u>	
68		<u>Time of beginning of leaf bud burst</u>	
69	(*)	Time of beginning of flowering	
70	(*)	Time of maturity	

Test Guidelines for Japanese Plum (document TG/84/4 Corr. 2 Rev.)

Char. No.	(*)	Characteristic Name	Comments
2		<u>Tree: vigor</u>	
5		<u>Spur: length</u>	
12	(*)	<u>Leaf blade: shape</u>	
14	(*)	<u>Leaf blade: angle of apex (excluding tip)</u>	
20	(*)	<u>Pedicele: length</u>	
21		<u>Flower: diameter</u>	
29	(*)	Fruit: size	
32	(*)	<u>Fruit: shape in lateral view</u>	
40	(*)	Fruit: ground color of skin	
42	(*)	Fruit: over color of skin	
46	(*)	Fruit: color of flesh	
51	(*)	<u>Fruit: adherence of stone to flesh</u>	

53	(*)	<u>Stone: size</u>
60	(*)	Time of beginning of flowering
61	(*)	Time of beginning of fruit ripening

Test Guidelines for Actinidia (document TG/98/7 Rev. Corr.)

Char. No.	(*)	Characteristic Name
13	(*)	<u>Stem: presence of bud cover</u>
14	(*)	<u>Stem: size of hole in bud cover</u>
17	(*)	<u>Leaf blade: shape</u>
19	(*)	<u>Leaf blade: shape of apex</u>
42		<u>Petal: main color on adaxial side</u>
46		<u>Anther: color</u>
47	(*)	Fruit: weight
51	(*)	Fruit: shape
52	(*)	<u>Fruit: shape in cross section (at median)</u>
53	(*)	Fruit: stylar end
56	(*)	<u>Fruit: shape of shoulder at stalk end</u>
60	(*)	Fruit: hairiness of skin
64	(*)	<u>Fruit: color of skin</u>
66	(*)	Fruit: color of outer pericarp
67	(*)	Fruit: color of locules
72	(*)	<u>Fruit: color of core</u>
75	(*)	<u>Time of vegetative bud burst</u>
76	(*)	Time of beginning of flowering
77	(*)	Time of maturity for harvest

Test Guidelines for Prunus Rootstocks (document TG/187/2)

Char. No.	(*)	Characteristic Name
1	(*)	Plant: vigor
2	(*)	<u>Plant: habit</u>
4		<u>One-year-old shoot: thickness</u>
15	(*)	Leaf blade: length
16		<u>Leaf blade: width</u>
18	(*)	Leaf blade: shape
22	(*)	Leaf blade: color of upper side
25	(*)	Leaf blade: incisions of margin
32	(*)	<u>Leaf: presence of nectaries</u>

24. *The TWPs are invited:*

(a) *not to consider the addition of asterisks where the proposed new TQ characteristics do not currently have an asterisk in the table of characteristics and to consider that matter further at the next full revision of the Test Guidelines concerned; and*

(b) *to consider whether to revise the guidance in document TGP/7 "Development of Test Guidelines"*

concerning the relationship between asterisks in the Test Guidelines and TQ characteristics.

25. The TWV is invited to consider the proposals for partial revisions of the Test Guidelines for Maize, Onion and Shallot, Carrot, Spinach, Cucumber, Melon, Squash, Watermelon and Tomato Rootstocks, as set out in paragraph 17 and Annexes I to IX to this document.

26. The TWO is invited to consider the proposal for partial revisions of the Test Guidelines for Rose, as set out in paragraph 17 and Annex X to this document.

27. The TWA is invited to consider the proposals for partial revisions of the Test Guidelines for Maize, Wheat and Hemp, as set out in paragraph 17 and Annexes I, XI and XII to this document.

28. The TWF is invited to consider the proposals for partial revisions of the Test Guidelines for Peach, Japanese Plum, Kiwifruit and Prunus Rootstocks, as set out in paragraph 17 and Annexes XIII to XVI to this document.

[Annex I follows]

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 <u>Only hybrids and open-pollinated varieties, excluding varieties with ear type of grain: sweet or pop: Plant: length</u> (24.2)			
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 <u>Ear: shape</u> (30)			
<u>conical</u>	F16, Wombat (SC)		1[]
<u>conico-cylindrical</u>	Centurion (SC), F816		2[]
<u>cylindrical</u>	F66, GH2547 (SC)		3[]
5.10 <u>Only varieties with ear type of grain: sweet or waxy: Ear: number of colors of grains</u> (32)			
<u>one</u>	Jubilee (SC)		1[]
<u>two</u>	Eolrukchal-ilho, Serendipity (SC)		2[]
5.11 <u>Only varieties with ear type of grain: sweet: Grain: intensity of yellow color</u> (33)			
<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)		
<u>Only varieties with ear type of grain: sweet: Grain: width</u>		
<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)		
<u>Only varieties with ear type of grain: sweet: Ear: shrinkage of top of grain</u>		
<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><u>A188, Pure white (SC), Snowbelle (SC)</u></p> <p><u>F259</u></p> <p><u>F2, Gyöngymazsola (SC)</u></p> <p><u>F257, GH 2547 (SC)</u></p> <p><u>Dynasty (SC)</u></p> <p><u>Zenith (SC)</u></p> <p><u>Miheukchal</u></p>	<p><u>1 []</u></p> <p><u>2 []</u></p> <p><u>3 []</u></p> <p><u>4 []</u></p> <p><u>5 []</u></p> <p><u>6 []</u></p> <p><u>7 []</u></p> <p><u>8 []</u></p> <p><u>9 []</u></p> <p><u>10 []</u></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><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><u>F481</u></p> <p><u>A188</u></p> <p><u>F66</u></p> <p><u>EP1</u></p>	<p><u>1 []</u></p> <p><u>2 []</u></p> <p><u>3 []</u></p> <p><u>4 []</u></p> <p><u>5 []</u></p> <p><u>6 []</u></p> <p><u>7 []</u></p> <p><u>8 []</u></p> <p><u>9 []</u></p> <p><u>10 []</u></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]

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:
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, Jadiqon</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:
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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>		<u>1[]</u>
<u>very light to light</u>		<u>2[]</u>
light	Bingo, Mello Yello, Tancar	3[]
<u>light to medium</u>		<u>4[]</u>
medium	Goliath, Nutri-red	5[]
<u>medium to dark</u>		<u>6[]</u>
dark	Karotan, Pinocchio, Purple Haze	7[]
<u>dark to very dark</u>		<u>8[]</u>
<u>very dark</u>		<u>9[]</u>

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			
<u>very weak</u>			1[]
<u>very weak to weak</u>			2[]
<u>weak</u>	<u>Molene, Tancar</u>		3[]
<u>weak to medium</u>			4[]
<u>medium</u>	<u>Nantaise améliorée 2, Nantaise améliorée 3</u>		5[]
<u>medium to strong</u>			6[]
<u>strong</u>	<u>Muscade, Touchon</u>		7[]
<u>strong to very strong</u>			8[]
<u>very strong</u>			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]

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:
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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
5.15 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 5		
(18.5)		
<u>absent</u>	<u>Clermont</u>	1 []
<u>present</u>	<u>Califlay, Campania</u>	9 []
<u>not tested</u>		[]
5.16 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 6		
(18.6)		
<u>absent</u>	<u>Califlay, Campania</u>	1 []
<u>present</u>	<u>Boeing</u>	9 []
<u>not tested</u>		[]
5.17 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 7		
(18.7)		
<u>absent</u>	<u>Califlay</u>	1 []
<u>present</u>	<u>Campania</u>	9 []
<u>not tested</u>		[]
5.18 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 8		
(18.8)		
<u>absent</u>	<u>Boeing, Campania</u>	1 []
<u>present</u>	<u>Lazio, Lion</u>	9 []
<u>not tested</u>		[]
5.19 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 10		
(18.9)		
<u>absent</u>	<u>Boeing, Campania, Lion</u>	1 []
<u>present</u>	<u>Lazio</u>	9 []
<u>not tested</u>		[]
5.20 Resistance to <i>Peronospora farinosa</i> f. sp. <i>spinaciae</i> (Pfs) Race Pfs: 11		
(18.10)		
<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>	1 []
<u>present</u>	<u>Finch, Pigeon, Red Kitten, Zebu</u>	9 []
<u>not tested</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>	1 []
<u>present</u>	<u>Boeing, Lion</u>	9 []
<u>not tested</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>	1 []
<u>present</u>	<u>Califlay, Lion</u>	9 []
<u>not tested</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>	1 []
<u>present</u>	<u>Pigeon</u>	9 []
<u>not tested</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>	1 []
<u>present</u>	<u>Caladonia</u>	9 []
<u>not tested</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>	1 []
<u>present</u>	<u>Hydrus</u>	9 []
<u>not tested</u>		[]

[Annex V follows]

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:
Characteristics	Example Varieties	Note	
5.4 6 (17)	Fruit: length		
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 (18)	Fruit: diameter		
<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 (22)	Fruit: shape of stem end		
necked	Sandra, Tasty Green	1 []	
acute	De Massy	2 []	
obtuse	Maram, Score	3 []	
5.7 9 (25)	Fruit: ground color of skin at market stage		
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>[]</u>
<u>very small to small</u>		<u>2</u>	<u>[]</u>
<u>small</u>	<u>Jazzer</u>	<u>3</u>	<u>[]</u>
<u>small to medium</u>		<u>4</u>	<u>[]</u>
<u>medium</u>	<u>Regal</u>	<u>5</u>	<u>[]</u>
<u>medium to large</u>		<u>6</u>	<u>[]</u>
<u>large</u>	<u>Chinese Slangen</u>	<u>7</u>	<u>[]</u>
<u>large to very large</u>		<u>8</u>	<u>[]</u>
<u>very large</u>	<u>Tasty Green</u>	<u>9</u>	<u>[]</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, Védantais</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>

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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[]

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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[]

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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

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Characteristics	Example Varieties	Note
5.13 19 (68)		
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)		
absent	Jaune Canari 2	1[]
present	Jador, Védraçais	9[]
5.15 21 (69.2)		
absent	Jaune Canari 2, Védraçais	1[]
present	Arapaho, Jador, Rubbens	9[]
5.16 22 (69.3)		
absent	Arapaho, Jaune Canari 2, Rubbens	1[]
present	Anasta, Cléo, Jador, Védraçais,	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>Védraçais, 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>

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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		[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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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, Védrentais</u>	1f <input type="checkbox"/>
<u>moderately resistant</u>	<u>Flores, Anasta</u>	2f <input type="checkbox"/>
<u>highly resistant</u>	<u>Cézanne, Heliobel, Théo</u>	3f <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>Védrentais</u>	1f <input type="checkbox"/>
<u>present</u>	<u>AR Hale's Best Jumbo, AR Top Mark, Godiva, Heliobel, Virgos</u>	9f <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, Védrentais</u>	1f <input type="checkbox"/>
<u>present</u>	<u>Hannah's Choice, Lunaduke</u>	9f <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>Védrentais</u>	1f <input type="checkbox"/>
<u>present</u>	<u>Hannah's Choice</u>	9f <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, Védrentais</u>	1f <input type="checkbox"/>
<u>present</u>	<u>WMR29</u>	9f <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>Védrentais</u>	1f <input type="checkbox"/>
<u>present</u>	<u>Cyro, Primal, Virgos, Yellow Fun</u>	9f <input type="checkbox"/>
<u>not tested</u>		<input type="checkbox"/>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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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 <u>Ripe fruit: main color of skin (excluding color of mottles, patches, stripes and bands)</u> (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 <u>Ripe fruit: secondary color of skin (as for 69)</u> (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 <u>Ripe fruit: color of flesh</u> (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>A 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) Plant: height (during second flush)		
<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
<p>5.7 (13)</p> <p><u>Terminal leaflet: shape of blade</u></p> <p>narrow elliptic</p> <p>medium elliptic</p> <p>ovate</p> <p>circular</p>	<p>Korverlandus (G); Ruiz29924 (P)</p> <p>Korflapei (C); Meihuterb (G); Ruiz14914 (P)</p> <p>Interlis (C); Noahan (G); Evera102 (P)</p> <p>Poulna (G)</p>	<p>1 </p> <p>2 </p> <p>3 </p> <p>4 </p>
<p>5.8 (16)</p> <p><u>Flowering shoot: flowering laterals</u></p> <p>absent</p> <p>present</p>		<p>1 </p> <p>9 </p>
<p>5.9 (17)</p> <p><u>Flowering shoot: number of flowering laterals</u></p> <p>very few</p> <p>very few to few</p> <p>few</p> <p>few to medium</p> <p>medium</p> <p>medium to many</p> <p>many</p> <p>many to very many</p> <p>very many</p>	<p>Tanidrak (G); Poulra022 (P)</p> <p>Dicentice (G); Poulhi019 (P)</p> <p>Korgazell (G); Ruiy0775 (P)</p> <p>Korgolev (P)</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>5.10 (18)</p> <p><u>Only varieties with no flowering laterals: Flowering shoot: number of flowers</u></p> <p>very few</p> <p>very few to few</p> <p>few</p> <p>few to medium</p> <p>medium</p> <p>medium to many</p> <p>many</p> <p>many to very many</p> <p>very many</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>

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); Korlobea (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:
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	Korfapei (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	Schreemeen3001 (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>	<u>Ruirovingt (C); Meiouscki (G); Evera101 (P)</u>	1[]	
<u>irregularly rounded</u>	<u>Ruyi5451 (C); Kormarec (G); Korkallet (P)</u>	2[]	
<u>star-shaped</u>	<u>Predesplen (C); Anakissi (G); Poulra023 (P)</u>	3[]	
5.18 (30)	Flower: fragrance		
<u>absent or weak</u>	<u>Predesplen (C); Ruimats (G); Evera107 (P)</u>	1[]	
<u>medium</u>	<u>Poulsolo (G); Korduftoro (P)</u>	2[]	
<u>strong</u>	<u>Tananirov (G)</u>	3[]	

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.19 (33)	<u>Petal: shape</u>		
<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)	<u>Petal: length</u>		
<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)	<u>Petal: number of colors on inner side (basal spot excluded)</u>		
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)	<u>Petal: main color on the inner side (main color is that with largest surface area)</u>		
	<u>RHS Colour Chart (indicate reference number)</u>		
5.23 (43)	<u>Only varieties with two or more colors on inner side of petal: Petal: secondary color (basal spot excluded)</u>		
	<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)		
	at base		1[]
	at apex		2[]
	at marginal zone	Panhurem (G); Korbuntea (P)	3[]
	as a flush	Wekquaneze (G)	4[]
	as segments or stripes	Delstrisanq (G); Delmigre (P)	5[]
	as speckles		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		
	funnel-shaped	Meidrason (G)	1[]
	pitcher-shaped	Korparezni (G)	2[]
	pear-shaped	Tanzahde (G)	3[]
5.27 (54)	Hip: color (at mature stage)		
	yellow		1[]
	orange		2[]
	red		3[]
	brown		4[]
	black		5[]

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
5.1 (1) <u>Seed: color</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>
5.2 (3) <u>Coleoptile: anthocyanin coloration</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>
5.4 3 (7) <u>Time of ear emergence</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>
5.2 4 (12) <u>Lower glume: hairiness on external surface</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) <u>Lower glume: area of hairiness on internal surface</u>		
<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 []

Test Guidelines for Hemp (document TG/276/1)

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 (8) <u>Leaf: number of leaflets</u>		
<u>few</u>	<u>Ermes</u>	1[]
<u>medium</u>	<u>Epsilon 68</u>	2[]
<u>many</u>	<u>Kompolti</u>	3[]
5.2 (10) <u>Central leaflet: width</u>		
<u>very narrow</u>		1[]
<u>very narrow to narrow</u>		2[]
<u>narrow</u>	<u>Santhica 27</u>	3[]
<u>narrow to medium</u>		4[]
<u>medium</u>	<u>Dioica 88</u>	5[]
<u>medium to broad</u>		6[]
<u>broad</u>	<u>Kompolti</u>	7[]
<u>broad to very broad</u>		8[]
<u>very broad</u>		9[]
5.1 3 (11) <u>Time of male flowering</u>		
very early	Finola	1[]
very early to early		2[]
early	Santhica 27	3[]
early to medium		4[]
medium	Dioica 88	5[]
medium to late		6[]
late	Futura 75	7[]
late to very late		8[]
very late	Kompolti	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.2.4 Inflorescence: THC content (13)		
absent or very low	Santhica 23	1[]
low		2[]
medium	Uso 31	3[]
high		4[]
very high	Medisins	5[]
5.3.5 Plant: proportion of hermaphrodite plants (14)		
low		1[]
low to medium		2[]
medium		3[]
medium to high		4[]
high		5[]
5.4.6 Plant: proportion of female plants (15)		
low		1[]
low to medium		2[]
medium		3[]
medium to high		4[]
high		5[]
5.5.7 Plant: proportion of male plants (16)		
low		1[]
low to medium		2[]
medium		3[]
medium to high		4[]
high		5[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.6 8 Plant: natural height (17)		
very short		1[]
very short to short		2[]
short	Finola	3[]
short to medium		4[]
medium	Usa 31	5[]
medium to long		6[]
long	Ferimon	7[]
long to very long		8[]
very long		9[]
5.9 Main stem: color (18)		
<u>yellow</u>	<u>Chamaeleon</u>	<u>1[]</u>
<u>medium green</u>	<u>Epsilon 68</u>	<u>2[]</u>
<u>dark green</u>	<u>Kompolti</u>	<u>3[]</u>
<u>purple</u>	<u>Fibranova</u>	<u>4[]</u>
5.10 Seed: color of testa (24)		
<u>light grey</u>	<u>Fibrol</u>	<u>1[]</u>
<u>medium grey</u>	<u>Finola</u>	<u>2[]</u>
<u>grey brown</u>	<u>Futura 75</u>	<u>3[]</u>
<u>yellowish brown</u>	<u>Santhica 27</u>	<u>4[]</u>
<u>brown</u>	<u>Ermes</u>	<u>5[]</u>
5.11 Seed: marbling (25)		
<u>weak</u>	<u>Finola</u>	<u>1[]</u>
<u>medium</u>	<u>Kompolti</u>	<u>2[]</u>
<u>strong</u>	<u>Futura 75</u>	<u>3[]</u>

[Annex XIII follows]

Test Guidelines for Peach (document TG/53/7 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 Tree: size (1)		
very small	Bonanza, Bonfire, Pix Zee, Zaino	1[]
<u>very small to small</u>		<u>2[]</u>
small	Richaven	3[]
<u>small to medium</u>		<u>4[]</u>
medium	Robin	5[]
<u>medium to large</u>		<u>6[]</u>
large	Redhaven	7[]
<u>large to very large</u>		<u>8[]</u>
very large	Champion	9[]
5.2 Tree: vigor (2)		
<u>very weak</u>		<u>1[]</u>
<u>very weak to weak</u>		<u>2[]</u>
<u>weak</u>	<u>J. H. Hale</u>	<u>3[]</u>
<u>weak to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Robin</u>	<u>5[]</u>
<u>medium to strong</u>		<u>6[]</u>
<u>strong</u>	<u>Springtime</u>	<u>7[]</u>
<u>strong to very strong</u>		<u>8[]</u>
<u>very strong</u>		<u>9[]</u>
5.3 Tree: habit (3)		
<u>fastigate</u>	<u>Nectarose, Pillar</u>	<u>1[]</u>
<u>upright</u>	<u>Fairhaven, Redwing</u>	<u>2[]</u>
<u>upright to spreading</u>	<u>Albertina, Elegant Lady, Mercil</u>	<u>3[]</u>
<u>spreading</u>	<u>Charles Roux</u>	<u>4[]</u>
<u>drooping</u>	<u>Biancopedulo</u>	<u>5[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.2.4 Flower: type (9)		
campanulate	Dida, Springtime	1[]
rosette	Robin, Vesuvio	2[]
5.5 <u>Only varieties with flower type: campanulate: Petal: width</u> (12)		
<u>very narrow</u>		1[]
<u>very narrow to narrow</u>		2[]
<u>narrow</u>	<u>Meydicte</u>	3[]
<u>narrow to medium</u>		4[]
<u>medium</u>	<u>Bradqust</u>	5[]
<u>medium to broad</u>		6[]
<u>broad</u>	<u>Monnail</u>	7[]
<u>broad to very broad</u>		8[]
<u>very broad</u>		9[]
5.6 <u>Only varieties with flower type: rosette: Petal: width</u> (13)		
<u>very narrow</u>	<u>Triumph</u>	1[]
<u>narrow</u>	<u>Shasta</u>	2[]
<u>medium</u>	<u>Robin</u>	3[]
<u>broad</u>	<u>Michelini</u>	4[]
<u>very broad</u>	<u>Veteran</u>	5[]
5.7 <u>Anthers: pollen</u> (17)		
<u>absent</u>	<u>J. H. Hale</u>	1[]
<u>present</u>	<u>Redhaven</u>	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.8 <u>Leaf blade: length</u> (20)		
<u>very short</u>		1[]
<u>very short to short</u>		2[]
<u>short</u>	<u>Jeronimo</u>	3[]
<u>short to medium</u>		4[]
<u>medium</u>	<u>Fairhaven</u>	5[]
<u>medium to long</u>		6[]
<u>long</u>	<u>Southland</u>	7[]
<u>long to very long</u>		8[]
<u>very long</u>		9[]
5.3 9 <u>Leaf blade: red mid-vein on the lower side</u> (28)		
absent	Redhaven	1[]
present	Sanguine Chanas	9[]
5.4 10 <u>Petiole: nectaries</u> (30)		
absent	Crimson Glo, Tejon	1[]
present	Redhaven	9[]
5.5 11 <u>Petiole: shape of nectaries</u> (31)		
round	Springtime	1[]
reniform	Redhaven	2[]
5.12 <u>Fruit: size</u> (32)		
<u>very small</u>	<u>Nectarine-Cerise</u>	1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Minastar, Springtime</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Momée, Springlady, Sunhaven</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Loring, Zaifer, Zaitabo</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>	<u>Comanche, Maillarbig</u>	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
5.6 13 Fruit: shape (in ventral view) (33)		
broad oblate	Alex, Bailou, UFO3	1[]
medium oblate	Herastrau, Robin	2[]
circular	Redwing	3[]
broad elliptic	Cavalier	4[]
medium elliptic	Elberta	5[]
5.14 Fruit: ground color of skin (40)		
<u>not visible</u>	<u>Fiesta Red</u>	<u>1[]</u>
<u>green</u>	<u>Ruberrina</u>	<u>2[]</u>
<u>cream green</u>	<u>Carman</u>	<u>3[]</u>
<u>greenish white</u>	<u>Morton</u>	<u>4[]</u>
<u>cream white</u>	<u>Antonia, Michelini</u>	<u>5[]</u>
<u>cream</u>	<u>Amsden</u>	<u>6[]</u>
<u>pink white</u>	<u>Précoce de Hale</u>	<u>7[]</u>
<u>greenish yellow</u>	<u>Veteran</u>	<u>8[]</u>
<u>cream yellow</u>	<u>Fuzalode</u>	<u>9[]</u>
<u>yellow</u>	<u>Sudanell</u>	<u>10[]</u>
<u>orange yellow</u>	<u>Redtop, Victoria</u>	<u>11[]</u>
5.7 15 Fruit: pubescence of skin (44)		
absent	Daisy, Fantasia, Monco, Zaitabo	1[]
present	Merspri, Moncav, Rich May	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note
5.16 Fruit: adherence of skin to flesh (49)		
very weak	Mme Girerd	1[]
very weak to weak		2[]
weak	Redhaven	3[]
weak to medium		4[]
medium	Early Sungrand	5[]
medium to strong		6[]
strong	Babygold 5	7[]
strong to very strong		8[]
very strong	Vivian	9[]
5.17 Fruit: firmness of flesh (50)		
very soft	Amsden, Morettini n°1, Springtime	1[]
very soft to soft		2[]
soft	Fairhaven	3[]
soft to medium		4[]
medium	Flavorcrest, Redtop	5[]
medium to firm		6[]
firm	Honey Blaze, Zaitabo	7[]
firm to very firm		8[]
very firm	Babygold 6, Ghiaccio 2	9[]
5.8 18 Fruit: carotenoid coloration of flesh (51)		
greenish white	Charles Roux	1[]
white	Caldesi 2000, Springtime	2[]
cream white	Michelini	3[]
light yellow	Armking, Spring Gold	4[]
yellow	Early Sungrand	5[]
orange yellow	Lovell, Merrill Franciscan	6[]
orange	Sungold	7[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.19 Fruit: flesh fiber (58)		
<u>absent or weak</u>	<u>Redhaven</u>	<u>1[]</u>
<u>medium</u>		<u>2[]</u>
<u>strong</u>	<u>Sunhigh</u>	<u>3[]</u>
5.9 20 Fruit: acidity (60)		
very low	Monam, Moncav, Monna, Redwing, Zaibomi, Zaidaso	1[]
low	Maillarboom, Monnude, Zaifave, Zaifuro, Zairesu, Zaitabo	2[]
medium	Mercil, Monprime, Ryans Sun	3[]
high	Craucail, Kraprim, Nectaross, Orion, Rich May, Zailice, Zainara	4[]
very high	Armking, Bracid, Maycrest, Red Robin, Savana Red, Star Bright, Zaibri, Zaitop	5[]
5.21 Stone: size in relation to fruit (61)		
<u>very small</u>		<u>1[]</u>
<u>very small to small</u>		<u>2[]</u>
<u>small</u>	<u>Alex, Robin</u>	<u>3[]</u>
<u>small to medium</u>		<u>4[]</u>
<u>medium</u>	<u>Redhaven</u>	<u>5[]</u>
<u>medium to large</u>		<u>6[]</u>
<u>large</u>	<u>Somervee</u>	<u>7[]</u>
<u>large to very large</u>		<u>8[]</u>
<u>very large</u>		<u>9[]</u>
5.22 Stone: adherence to flesh (66)		
<u>absent</u>	<u>Fairhaven, Fuzalode</u>	<u>1[]</u>
<u>present</u>	<u>Sweet Gold, Vivian</u>	<u>9[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.23 <u>Time of beginning of leaf bud burst</u> (68)		
<u>very early</u>	<u>Sunred</u>	1[]
<u>very early to early</u>		2[]
<u>early</u>	<u>Springtime</u>	3[]
<u>early to medium</u>		4[]
<u>medium</u>	<u>Redhaven</u>	5[]
<u>medium to late</u>		6[]
<u>late</u>	<u>Genadix 7</u>	7[]
<u>late to very late</u>		8[]
<u>very late</u>	<u>Reine des Vergers</u>	9[]
5.40 24 <u>Time of beginning of flowering</u> (69)		
very early	Zaibop, Zaitolio	1[]
<u>very early to early</u>		2[]
early	Rich Lady, Springtime	3[]
<u>early to medium</u>		4[]
medium	Monnude, Zaitabo	5[]
<u>medium to late</u>		6[]
late	Maillarflat, Maillarlau	7[]
<u>late to very late</u>		8[]
very late	Summerqueen	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.14 25 Time of maturity (70)		
very early	Rich May, Springtime, Zaibaro	1[]
very early to early	Zainoar, Zaitani	2[]
early	Antonia, Redwing, Rich Lady, Robin	3[]
early to medium	Craucail, Diamond Princess	4[]
medium	Fairhaven, Fantasia, Summer Bright, Zee Lady	5[]
medium to late	Maillarbig, Savana red, Zaimor	6[]
late	Fairlane, Flacara, Veteran, Western Red, Zailati, Zairova	7[]
late to very late	Andgold, Tardibelle	8[]
very late	Rubidoux	9[]
extremely late	Calante, Jesca	10[]

[Annex XIV follows]

ANNEX XIV

Test Guidelines for Japanese Plum (document TG/84/4 Corr. 2 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
<u>5.1</u> <u>Tree: vigor</u> <u>(2)</u>		
<u>weak</u>		<u>1</u> <input type="checkbox"/>
<u>very weak to weak</u>		<u>2</u> <input type="checkbox"/>
<u>weak</u>	<u>Black Gold, Satsuma</u>	<u>3</u> <input type="checkbox"/>
<u>weak to medium</u>		<u>4</u> <input type="checkbox"/>
<u>medium</u>	<u>Autumn Giant, Suplumeleven</u>	<u>5</u> <input type="checkbox"/>
<u>medium to strong</u>		<u>6</u> <input type="checkbox"/>
<u>strong</u>	<u>Robusto, Royal Diamond, Taiyou</u>	<u>7</u> <input type="checkbox"/>
<u>strong to very strong</u>		<u>8</u> <input type="checkbox"/>
<u>very strong</u>		<u>9</u> <input type="checkbox"/>
<u>5.2</u> <u>Spur: length</u> <u>(5)</u>		
<u>very short</u>		<u>1</u> <input type="checkbox"/>
<u>very short to short</u>		<u>2</u> <input type="checkbox"/>
<u>short</u>	<u>Laroda, Sordum</u>	<u>3</u> <input type="checkbox"/>
<u>short to medium</u>		<u>4</u> <input type="checkbox"/>
<u>medium</u>	<u>Frontier</u>	<u>5</u> <input type="checkbox"/>
<u>medium to long</u>		<u>6</u> <input type="checkbox"/>
<u>long</u>	<u>October Purple</u>	<u>7</u> <input type="checkbox"/>
<u>long to very long</u>		<u>8</u> <input type="checkbox"/>
<u>very long</u>		<u>9</u> <input type="checkbox"/>
<u>5.3</u> <u>Leaf blade: shape</u> <u>(12)</u>		
<u>ovate</u>		<u>1</u> <input type="checkbox"/>
<u>elliptic</u>	<u>Black Gold, October Purple, Syokou, Taiyou</u>	<u>2</u> <input type="checkbox"/>
<u>obovate</u>	<u>Kanro, Kelsey</u>	<u>3</u> <input type="checkbox"/>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.4 (14) <u>Leaf blade: angle of apex (excluding tip)</u>		
<u>acute</u>	<u>Ozark Premier, Taiyou</u>	1f 1
<u>right angled</u>	<u>Satsuma</u>	2f 1
<u>obtuse</u>	<u>Methley</u>	3f 1
5.5 (20) <u>Pedicel: length</u>		
<u>very short</u>		1f 1
<u>very short to short</u>		2f 1
<u>short</u>	<u>Methley</u>	3f 1
<u>short to medium</u>		4f 1
<u>medium</u>	<u>Queen Ann, Shiro</u>	5f 1
<u>medium to long</u>		6f 1
<u>long</u>	<u>Red Ace, Taiyou</u>	7f 1
<u>long to very long</u>		8f 1
<u>very long</u>		9f 1
5.6 (21) <u>Flower: diameter</u>		
<u>very small</u>		1f 1
<u>very small to small</u>		2f 1
<u>small</u>	<u>Black Gold, Nubiana</u>	3f 1
<u>small to medium</u>		4f 1
<u>medium</u>	<u>October Purple, Shiro, Taiyou</u>	5f 1
<u>medium to large</u>		6f 1
<u>large</u>	<u>Kiyou, Methley, Ozark Premier</u>	7f 1
<u>large to very large</u>		8f 1
<u>very large</u>		9f 1

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.1 7 Fruit: size (29)		
very small	Methley	1[]
very small to small		2[]
small	Allo, Eldorado	3[]
small to medium		4[]
medium	Shiro	5[]
medium to large		6[]
large	Angeleno, Taiyou	7[]
large to very large		8[]
very large	Songold	9[]
5.8 Fruit: shape in lateral view (32)		
<u>oblong</u>	<u>Reubenne</u>	1[]
<u>elliptic</u>	<u>Ozark Premier, Taiyou</u>	2[]
<u>circular</u>	<u>Red Beauty, Shiro</u>	3[]
<u>oblate</u>	<u>Friar</u>	4[]
<u>cordate</u>	<u>Morettini 355</u>	5[]
<u>obovate</u>		6[]
<u>obcordate</u>	<u>Santa Rosa</u>	7[]
5.2 9 Fruit: ground color of skin (40)		
not visible	Angeleno	1[]
green	Gaviota, Santa Rosa	2[]
yellowish-green	Songold, Taiyou	3[]
yellow	Shiro	4[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.3 10 Fruit: over color of skin (42)		
yellow	Golden Japan	1[]
orange yellow	Formosa	2[]
red	Red Beauty	3[]
purple	Starking Delicious, Taiyou	4[]
violet blue	Karari, Morettini 355	5[]
dark blue	Black Amber	6[]
black	Angeleno	7[]
5.4 11 Fruit: color of flesh (46)		
whitish	Taiyou	1[]
green	Reina Claudia	2[]
yellowish green	Shiro	3[]
yellow	Angeleno, Golden Japan, Reubennel	4[]
orange	Black Amber, Sun Gold	5[]
medium red	Satsuma, Sordum	6[]
dark red	Beauty, Hawera, Karari, Stark Delicious	7[]
purplish	Sangue di Drago	8[]
5.12 Fruit: adherence of stone to flesh (51)		
<u>non-adherent</u>	<u>Fortune</u>	<u>1[]</u>
<u>semi-adherent</u>	<u>Nubiana, Taiyou</u>	<u>2[]</u>
<u>adherent</u>	<u>Shiro, Sungold</u>	<u>3[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.13 Stone: size (53)		
<u>very small</u>		1[]
<u>very small to small</u>		2[]
<u>small</u>	<u>Angeleno, Eldorado</u>	3[]
<u>small to medium</u>		4[]
<u>medium</u>	<u>Taiyou, Wickson</u>	5[]
<u>medium to large</u>		6[]
<u>large</u>	<u>Freedom</u>	7[]
<u>large to very large</u>		8[]
<u>very large</u>		9[]
5.5 14 Time of beginning of flowering (60)		
very early	Durado, Karari, Red Beauty	1[]
very early to early		2[]
early	Fortune, Mariposa, Taiyou	3[]
early to medium		4[]
medium	Green Sun, Nubiana	5[]
medium to late		6[]
late	Gaviota, Shiro	7[]
late to very late		8[]
very late	Angeleno, Simka	9[]

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.6 15 Time of beginning of fruit ripening (61)		
very early	Beauty, Durado, Red Noble	1[]
very early to early		2[]
early	Mariposa, Shiro	3[]
early to medium		4[]
medium	Black Gold, Gaviota	5[]
medium to late		6[]
late	Angeleno, Nubiana, Taiyou	7[]
late to very late		8[]
very late	Akihime, Autumn Giant, Golden King	9[]

[Annex XV follows]

Test Guidelines for Actinidia (document TG/98/7 Rev. 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 (76)	Time of beginning of flowering (for all varieties)	
very early		1[]
very early to early		2[]
early	Hort16A (A), Yukimusume (B)	3[]
early to medium		4[]
medium	Abbott (A), Kousui (B)	5[]
medium to late		6[]
late	Hayward (A)	7[]
late to very late		8[]
very late		9[]
5.2 (13)	<u>Stem: presence of bud cover</u>	
<u>absent</u>	<u>Hort16A (A), Kousui (B)</u>	<u>1[]</u>
<u>present</u>	<u>Hayward (A), Mitsukou (B)</u>	<u>9[]</u>
5.3 (14)	<u>Stem: size of hole in bud cover</u>	
<u>small</u>	<u>Abbott (A), Mitsukou (B)</u>	<u>1[]</u>
<u>medium</u>	<u>Hayward (A), r-Awaji (B)</u>	<u>2[]</u>
<u>large</u>	<u>Elmwood (A), r-Nagano (B)</u>	<u>3[]</u>
5.4 (17)	<u>Leaf blade: shape</u>	
<u>lanceolate</u>	<u>Kaimai (A)</u>	<u>1[]</u>
<u>ovate</u>	<u>Hayward (A)</u>	<u>2[]</u>
<u>obovate</u>	<u>Bruno (A)</u>	<u>3[]</u>

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.5 <u>Leaf blade: shape of apex</u> (19)		
<u>caudate</u>	<u>Hortgem Tahi (B)</u>	<u>1f 1</u>
<u>acuminate</u>	<u>Kaimai (A), Yukimusume (B)</u>	<u>2f 1</u>
<u>acute</u>	<u>Hayward (A)</u>	<u>3f 1</u>
<u>emarginate with cuspidate</u>		<u>4f 1</u>
<u>rounded</u>	<u>Satoizumi (B)</u>	<u>5f 1</u>
<u>retuse</u>	<u>Shinzan (B)</u>	<u>6f 1</u>
<u>emarginate</u>	<u>Kuimi (A)</u>	<u>7f 1</u>
5.6 <u>Petal: main color on adaxial side</u> (42)		
<u>white</u>	<u>Hayward (A), Shinzan (B)</u>	<u>1f 1</u>
<u>greenish white</u>	<u>Hortgem Tahi (B), Satoizumi (B)</u>	<u>2f 1</u>
<u>yellowish white</u>	<u>Bruce (A), Mitsukou (B)</u>	<u>3f 1</u>
<u>yellowish green</u>		<u>4f 1</u>
<u>yellow</u>		<u>5f 1</u>
<u>light pink</u>		<u>6f 1</u>
<u>red pink</u>		<u>7f 1</u>
<u>red</u>		<u>8f 1</u>
5.7 <u>Anther: color</u> (46)		
<u>yellow</u>	<u>r-Nagano (B)</u>	<u>1f 1</u>
<u>yellow orange</u>	<u>Bruce (A)</u>	<u>2f 1</u>
<u>grey</u>		<u>3f 1</u>
<u>dark purple</u>	<u>Mitsukou (B)</u>	<u>4f 1</u>
<u>black</u>	<u>a-Shouwa (B)</u>	<u>5f 1</u>

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.2 8	Fruit: weight (for female and hermaphrodite varieties)		
(47)			
very low		1[]	
very low to low		2[]	
low	Huaguang2 (A)	3[]	
low to medium		4[]	
medium	Hort16A (A), Hortgem Tahi (B), Tomua (A)	5[]	
medium to high		6[]	
high	Hayward (A), Jin Feng (A)	7[]	
high to very high		8[]	
very high	Jade Moon (A)	9[]	
5.3 9	Fruit: shape (for female and hermaphrodite varieties)		
(51)			
ovate	Hort16A (A), Jecy Gold (A), Yamagatamusume (B)	1[]	
oblong	Hortgem Toru (B), Wilkins Super (A)	2[]	
elliptic	Hayward (A), Mitsukou (B)	3[]	
circular	Hort51-1785 (A)	4[]	
oblate	Kuimi (A), Shinzan (B)	5[]	
obovate	Monty (A)	6[]	
5.10	Fruit: shape in cross section (at median)		
(52)			
<u>circular</u>	<u>Bruno (A), Mitsukou (B)</u>	<u>1[]</u>	
<u>oblate</u>	<u>Hortgem Tahi (B), Kousui (B), Wilkins Super (A)</u>	<u>2[]</u>	
<u>transverse elliptic</u>	<u>Hayward (A)</u>	<u>3[]</u>	
5.4 11	Fruit: styler end (for female and hermaphrodite varieties)		
(53)			
strongly depressed		1[]	
weakly depressed	Jade Moon (A)	2[]	
flat	Hayward (A), Satoizumi (B)	3[]	
rounded	Kousui (B), Tomua (A)	4[]	
weakly blunt protruding	Skelton (A)	5[]	
strongly blunt protruding	Hort16A (A)	6[]	
pointed protrusion	Hortgem Toru (B)	7[]	

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.12 Fruit: shape of shoulder at stalk end (56)			
<u>truncate</u>	<u>Hortgem Tahī (B), Mitsukou (B)</u>	1[]	
<u>weakly sloping</u>	<u>Hayward (A), Kousui (B)</u>	2[]	
<u>strongly sloping</u>	<u>Skelton (A)</u>	3[]	
5.5 13 Fruit: hairiness of skin (for female and hermaphrodite varieties) (60)			
absent	Shinzan (B), a-Shouwa (B)	1[]	
present	Hayward (A)	9[]	
5.14 Fruit: color of skin (64)			
<u>light green</u>	<u>Hortgem Rua (B)</u>	1[]	
<u>medium green</u>	<u>Hortgem Tahī (B), Mitsukou (B)</u>	2[]	
<u>reddish green</u>		3[]	
<u>yellow</u>		4[]	
<u>greenish brown</u>	<u>Hayward (A), Shinzan (B)</u>	5[]	
<u>reddish brown</u>		6[]	
<u>light brown</u>	<u>Hort16A (A)</u>	7[]	
<u>medium brown</u>	<u>Sanuki Gold (A)</u>	8[]	
<u>dark brown</u>	<u>Kousui (B), Tomua (A)</u>	9[]	
<u>purple red</u>		10[]	
5.6 15 Fruit: color of outer pericarp (for female and hermaphrodite varieties) (66)			
light green	Shinzan (B)	1[]	
medium green	Hayward (A)	2[]	
dark green	Hortgem Toru (B)	3[]	
greenish yellow	Hort22D (A), Satoizumi (B)	4[]	
medium yellow	Hort16A (A), Kousui (B)	5[]	
dark yellow	Hort51-1785 (A)	6[]	
yellowish orange		7[]	
orange		8[]	
red		9[]	
red purple		10[]	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:	
Characteristics	Example Varieties	Note	
5.7.16 Fruit: color of locules (for female and hermaphrodite varieties) (67)			
light green	Shinzan (B)	1[]	
medium green	Hayward (A), Hortgem Tahī (B)	2[]	
dark green	Hortgem Toru (B)	3[]	
greenish yellow	Satoizumi (B)	4[]	
medium yellow	Hort16A (A), Kousui (B)	5[]	
dark yellow	Hort51-1785 (A)	6[]	
red	Hort22D (A), Hortgem Rua (B)	7[]	
red purple		8[]	
5.17 Fruit: color of core (72)			
<u>white</u>	<u>Hort22D (A)</u>	<u>1[]</u>	
<u>greenish white</u>	<u>Hayward (A), Hortgem Tahī (B)</u>	<u>2[]</u>	
<u>yellow white</u>	<u>Hort16A (A), Shinzan (B)</u>	<u>3[]</u>	
<u>red purple</u>		<u>4[]</u>	
5.18 Time of vegetative bud burst (75)			
<u>very early</u>	<u>Hort16A (A), Hortgem Rua (B)</u>	<u>1[]</u>	
<u>very early to early</u>		<u>2[]</u>	
<u>early</u>	<u>Tomua (A), Yukimusume (B)</u>	<u>3[]</u>	
<u>early to medium</u>		<u>4[]</u>	
<u>medium</u>	<u>Hayward (A), Shinzan (B)</u>	<u>5[]</u>	
<u>medium to late</u>		<u>6[]</u>	
<u>late</u>	<u>Mitsukou (B)</u>	<u>7[]</u>	
<u>late to very late</u>		<u>8[]</u>	
<u>very late</u>		<u>9[]</u>	

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
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Characteristics	Example Varieties	Note
5.8 19 Time of maturity for harvest (for female and hermaphrodite varieties) (77)		
very early	Hortgem Rua (B)	1[]
very early to early		2[]
early	Hort 22D (A), Hortgem Tahiti (B), Yamagatamusume (B)	3[]
early to medium		4[]
medium	Kousui (B), Tomua (A)	5[]
medium to late		6[]
late	Hayward (A), Yukimusume (B)	7[]
late to very late		8[]
very late		9[]

[Annex XVI follows]

Test Guidelines for Prunus Rootstocks (document TG/187/2)

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 Plant: vigor (1)		
weak	Edabriz, Ferlenain, Pumiselekt	1[]
weak to medium		2[]
medium	Brokforest, GF 305, GM 61/1, Rubira, Ute	3[]
medium to strong		4[]
strong	Alkavo, Hamyra, MF 12/1	5[]
5.2 Plant: habit (2)		
<u>upright</u>	<u>Colt, Prudom</u>	<u>1[]</u>
<u>upright to spreading</u>		<u>2[]</u>
<u>spreading</u>	<u>Gisela 5</u>	<u>3[]</u>
<u>spreading to drooping</u>		<u>4[]</u>
<u>drooping</u>	<u>Prunus besseyi</u>	<u>5[]</u>
5.3 One-year-old shoot: thickness (4)		
<u>thin</u>	<u>Edabriz, Gisela 5, Hamyra</u>	<u>1[]</u>
<u>thin to medium</u>		<u>2[]</u>
<u>medium</u>	<u>Colt, GF 655-2, Pixy</u>	<u>3[]</u>
<u>medium to thick</u>		<u>4[]</u>
<u>thick</u>	<u>Brooks-60, MF 12/1</u>	<u>5[]</u>

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.2.4 Leaf blade: length (15)			
very short	Myrobalan B	1[]	
very short to short		2[]	
short	Edabriz, Weito T 6	3[]	
short to medium		4[]	
medium	Piku 1	5[]	
medium to long		6[]	
long	MF 12/1	7[]	
long to very long		8[]	
very long	GF 677	9[]	
5.5 Leaf blade: width (16)			
<u>very narrow</u>	<u>GF 677</u>	<u>1[]</u>	
<u>very narrow to narrow</u>		<u>2[]</u>	
<u>narrow</u>	<u>Myrobalan B</u>	<u>3[]</u>	
<u>narrow to medium</u>		<u>4[]</u>	
<u>medium</u>	<u>Fereley, Weito T6</u>	<u>5[]</u>	
<u>medium to broad</u>		<u>6[]</u>	
<u>broad</u>	<u>Brooks-60, MF 12/1</u>	<u>7[]</u>	
<u>broad to very broad</u>		<u>8[]</u>	
<u>very broad</u>	<u>Colt</u>	<u>9[]</u>	
5.3.6 Leaf blade: shape (18)			
broad ovate	Edabriz, Gisela 5	1[]	
medium ovate	Greenpac	2[]	
circular	Adara, Hamyra, Prudom, SL 64	3[]	
medium elliptic	Colt, Fereley, Pixy	4[]	
narrow elliptic	GF 677, Pumiselekt	5[]	
obovate	Weiroot 158	6[]	

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.4 7 (22)	Leaf blade: color of upper side		
medium green	Gisela 5, Hamyra, Pixy, Pumiselekt	1[]	
dark green	Colt	2[]	
red	Citation	3[]	
reddish brown	Rubira	4[]	
5.5 8 (25)	Leaf blade: incisions of margin		
crenate	Pixy	1[]	
crenate and serrate	Adesoto, GF 1869	2[]	
serrate	Gisela 5, Hamyra, VVA 1, Wangenheim	3[]	
5.9 (32)	<u>Leaf: presence of nectaries</u>		
<u>absent</u>	<u>Ferlenain</u>	<u>1[]</u>	
<u>present</u>	<u>GF 677, Pixy, St. Julien A, Weito T 6</u>	<u>9[]</u>	

[End of Annex XVI and of document]