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| International Union for the Protection of New Varieties of Plants |  |

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| Technical Committee  Fifty-Seventh Session Geneva, October 25 and 26, 2021 | TC/57/2 Add..  Original: English  Date: September 14, 2021 |

test guidelines - addendum

Document prepared by the Office of the Union

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The purpose of this addendum is to present proposals for partial revision of Test Guidelines for the inclusion of characteristics in section 5 of the Technical Questionnaire.

The structure of this document is as follows (in English only):

ANNEX I Partial revision of the Test Guidelines for Maize

ANNEX II Partial revision of the Test Guidelines for Lettuce

ANNEX III Partial revision of the Test Guidelines for Carrot

ANNEX IV Partial revision of the Test Guidelines for Spinach

ANNEX V Partial revision of the Test Guidelines for Cucumber, Gherkin

ANNEX VI Partial revision of the Test Guidelines for Melon

ANNEX VII Partial revision of the Test Guidelines for Squash, Vegetable Marrow

ANNEX VIII Partial revision of the Test Guidelines for Watermelon

ANNEX IX Partial revision of the Test Guidelines for Tomato Rootstocks

ANNEX X Partial revision of the Test Guidelines for Rose

ANNEX XI Partial revision of the Test Guidelines for Wheat

The proposals in revisions mode are presented in Annexes I to XI of this document. The characteristics from the table of characteristics proposed for inclusion in the Technical Questionnaire are indicated with grey highlighting and underline.

The background to this addendum is provided in document TC/57/2 “Test Guidelines”.

[Annex I follows]

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

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

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | |  |  | | | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.1 (1)** | **First leaf: anthocyanin coloration of sheath** | | |  |  | |
|  | absent or very weak | | | 0674, Jubilee (SC) | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | MO17, Puma (SC) | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F252,  Gyöngymazsola (SC) | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | F244 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.~~1~~ 2 (8)** | **Tassel: time of anthesis** | | |  |  | |
|  | very early | | |  | 1 [ ] | |
|  | very early to early | | | KW1069, Spirit (SC) | 2 [ ] | |
|  | early | | | Champ (SC), F257 | 3 [ ] | |
|  | early to medium | | | Centurion (SC), F259 | 4 [ ] | |
|  | medium | | | F522, Zenith (SC) | 5 [ ] | |
|  | medium to late | | | A632 | 6 [ ] | |
|  | late | | | B73 | 7 [ ] | |
|  | late to very late | | | AM1513 | 8 [ ] | |
|  | very late | | |  | 9 [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~2~~ 3 (9)** | **Tassel: anthocyanin coloration at base of glume** | | |  |  | |
|  | absent or very weak | | | Royalty (SC), W117 | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | Boston (SC), F66 | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F107 | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | EP1 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.4 (11)** | **Tassel: anthocyanin coloration of anthers** | | |  |  | |
|  | absent or very weak | | | A654, Empire (SC) | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | F2, Royalty (SC) | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | Centurion (SC), W182E | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | |  | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.5 (14)** | **Tassel: number of primary lateral branches** | | |  |  | |
|  | absent or very few | | | F7 | 1[ ] | |
|  | very few to few | | |  | 2[ ] | |
|  | few | | | F252, Mv. Aranyos (SC) | 3[ ] | |
|  | few to medium | | |  | 4[ ] | |
|  | medium | | | F244, Kokanee (SC) | 5[ ] | |
|  | medium to many | | |  | 6[ ] | |
|  | many | | | A188, Zenith (SC) | 7[ ] | |
|  | many to very many | | |  | 8[ ] | |
|  | very many | | | Suregold (SC) | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.6 (15)** | **Ear: time of silk emergence** | | |  |  | |
|  | very early | | | Mv. Aranyos (SC) | 1[ ] | |
|  | very early to early | | | KW1069, Spirit (SC) | 2[ ] | |
|  | early | | | Champ (SC), F257 | 3[ ] | |
|  | early to medium | | | F259, Royalty (SC) | 4[ ] | |
|  | medium | | | Bonus (SC), F522 | 5[ ] | |
|  | medium to late | | | A632 | 6[ ] | |
|  | late | | | B73 | 7[ ] | |
|  | late to very late | | | AM1513 | 8[ ] | |
|  | very late | | |  | 9[ ] | |
| **5.~~3~~ 7 (16)** | **Ear: anthocyanin coloration of silks** | | |  |  | |
|  | absent or very weak | | | Bonus (SC), F7, F195 | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | El Toro (SC), F257 | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F244, Gyöngymazsola (SC) | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | W401 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.~~4~~ 8 i (24.1)** | **Only inbred lines and varieties with ear type of grain: sweet or pop: Plant: length** | | |  |  | |
|  | very short | | | F7 | 1[ ] | |
|  | very short to short | | |  | 2[ ] | |
|  | short | | | W117, Spirit (SC) | 3[ ] | |
|  | short to medium | | |  | 4[ ] | |
|  | medium | | | F244, Puma (SC) | 5[ ] | |
|  | medium to long | | |  | 6[ ] | |
|  | long | | | Royalty (SC), WD36 | 7[ ] | |
|  | long to very long | | |  | 8[ ] | |
|  | very long | | | Enterprise (SC) | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~4~~ 8 ii (24.2)** | **Only hybrids and open-pollinated varieties, excluding varieties with ear type of grain: sweet or pop: Plant: length** | | |  |  | |
|  | very short | | |  | 1[ ] | |
|  | very short to short | | |  | 2[ ] | |
|  | short | | | PR39D23 | 3[ ] | |
|  | short to medium | | |  | 4[ ] | |
|  | medium | | | PR37Y12 | 5[ ] | |
|  | medium to long | | |  | 6[ ] | |
|  | long | | | DKC5166 | 7[ ] | |
|  | long to very long | | |  | 8[ ] | |
|  | very long | | |  | 9[ ] | |
| **5.9 (30)** | **Ear: shape** | | |  |  | |
|  | conical | | | F16, Wombat (SC) | 1[ ] | |
|  | conico-cylindrical | | | Centurion (SC), F816 | 2[ ] | |
|  | cylindrical | | | F66, GH2547 (SC) | 3[ ] | |
| **5.10 (32)** | **Only varieties with ear type of grain: sweet or waxy: Ear: number of colors of grains** | | |  |  | |
|  | one | | | Jubilee (SC) | 1[ ] | |
|  | two | | | Eolrukchal-ilho, Serendipity (SC) | 2[ ] | |
| **5.11 (33)** | **Only varieties with ear type of grain: sweet: Grain: intensity of yellow color** | | |  |  | |
|  | very light | | |  | 1[ ] | |
|  | very light to light | | |  | 2[ ] | |
|  | light | | | Gyöngymazsola (SC) | 3[ ] | |
|  | light to medium | | |  | 4[ ] | |
|  | medium | | | Royalty (SC) | 5[ ] | |
|  | medium to dark | | |  | 6[ ] | |
|  | dark | | | Kokanee (SC) | 7[ ] | |
|  | dark to very dark | | |  | 8[ ] | |
|  | very dark | | |  | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.12 (35)** | **Only varieties with ear type of grain: sweet: Grain: width** | | |  |  | |
|  | very narrow | | |  | 1[ ] | |
|  | very narrow to narrow | | |  | 2[ ] | |
|  | narrow | | | Bonus (SC) | 3[ ] | |
|  | narrow to medium | | |  | 4[ ] | |
|  | medium | | | Jubilee (SC) | 5[ ] | |
|  | medium to broad | | |  | 6[ ] | |
|  | broad | | | Mv. Aranyos (SC) | 7[ ] | |
|  | broad to very broad | | |  | 8[ ] | |
|  | very broad | | |  | 9[ ] | |
| **5.~~5~~ 13 (36)** | **Ear: type of grain** | | |  |  | |
|  | flint | | | F2 | 1 [ ] | |
|  | flint-like | | | F252 | 2 [ ] | |
|  | intermediate | | | F107 | 3 [ ] | |
|  | dent-like | | | A654 | 4 [ ] | |
|  | dent | | | W182E | 5 [ ] | |
|  | sweet | | | Jubilee (SC) | 6 [ ] | |
|  | pop | | | Iowa Pop (PC) | 7 [ ] | |
|  | waxy | | |  | 8 [ ] | |
|  | flour | | |  | 9 [ ] | |
| **5.14 (37)** | **Only varieties with ear type of grain: sweet: Ear: shrinkage of top of grain** | | |  | |  |
|  | weak | | | Zarja (SC) | | 1[ ] |
|  | weak to medium | | |  | | 2[ ] |
|  | medium | | | Merkur (SC) | | 3[ ] |
|  | medium to strong | | |  | | 4[ ] |
|  | strong | | | Dessert 73 (SC) | | 5[ ] |
|  | Characteristics | | | Example Varieties | | Note |
| **5.15 (38)** | **Ear: color of top of grain** | | |  | |  |
|  | white | | | A188, Pure white (SC), Snowbelle (SC) | | 1 [ ] |
|  | yellowish white | | |  | | 2 [ ] |
|  | yellow | | | F259 | | 3 [ ] |
|  | yellow orange | | | F2, Gyöngymazsola (SC) | | 4 [ ] |
|  | orange | | | F257, GH 2547 (SC) | | 5 [ ] |
|  | red orange | | | Dynasty (SC) | | 6 [ ] |
|  | red | | |  | | 7 [ ] |
|  | purple | | |  | | 8 [ ] |
|  | brownish | | | Zenith (SC) | | 9 [ ] |
|  | blue black | | | Miheukchal | | 10 [ ] |
| **5.~~6~~ 16 (39)** | **Excluding varieties with ear type of grain: sweet: Ear: color of dorsal side of grain** | | |  | |  |
|  | white | | | F481 | 1 [ ] | |
|  | yellowish white | | | A188 | 2 [ ] | |
|  | yellow | | |  | 3 [ ] | |
|  | yellow orange | | | F66 | 4 [ ] | |
|  | orange | | | EP1 | 5 [ ] | |
|  | red orange | | |  | 6 [ ] | |
|  | red | | |  | 7 [ ] | |
|  | purple | | |  | 8 [ ] | |
|  | brownish | | |  | 9 [ ] | |
|  | blue black | | |  | 10 [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~7~~ 17 (41)** | **Ear: anthocyanin coloration of glumes of cob** | | |  |  | |
|  | absent or very weak | | | F2, F257 | 1 [ ] | |
|  | very weak to weak | | |  | 2 [ ] | |
|  | weak | | | F252 | 3 [ ] | |
|  | weak to medium | | |  | 4 [ ] | |
|  | medium | | | W117 | 5 [ ] | |
|  | medium to strong | | |  | 6 [ ] | |
|  | strong | | | A632 | 7 [ ] | |
|  | strong to very strong | | |  | 8 [ ] | |
|  | 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** |  |  | | --- | | **(1)** | | | |  | | --- | | **Seed: color** | |  |  |
|  | | |  | | --- | | white | | |  | | --- | | Verpia | | |  | | --- | | 1 [   ] | |
|  | | |  | | --- | | yellow | | |  | | --- | | Durango | | |  | | --- | | 2 [   ] | |
|  | | |  | | --- | | brown | | |  | | --- | | Oaklin | | |  | | --- | | 3 [   ] | |
|  | | |  | | --- | | black | | |  | | --- | | Kagraner Sommer 2 | | |  | | --- | | 4 [   ] | |
| **5.2 (2)** | | |  | | --- | | **Plant: diameter** | |  |  |
|  | | very small | Tom Thumb | |  | | --- | | 1 [   ] | |
|  | | very small to small |  | |  | | --- | | 2 [   ] | |
|  | | small | Gotte à graine blanche | |  | | --- | | 3 [   ] | |
|  | | small to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Clarion, Verpia | |  | | --- | | 5 [   ] | |
|  | | medium to large |  | |  | | --- | | 6 [   ] | |
|  | | large | Great Lakes 659 | |  | | --- | | 7 [   ] | |
|  | | large to very large |  | |  | | --- | | 8 [   ] | |
|  | | very large | El Toro | |  | | --- | | 9 [   ] | |
| **5.3 (3)** | | |  | | --- | | **Plant: degree of overlapping of upper part of leaves** | |  |  |
|  | | absent or weak | Actarus, Aquarel,  Blonde à couper améliorée, Curtis, Lollo rossa | |  | | --- | | 1 [   ] | |
|  | | medium | Augusta, Clarion, Fiorella | |  | | --- | | 2 [   ] | |
|  | | strong | Roxette, Vanguard 75 | |  | | --- | | 3 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.4 (6)** | | |  | | --- | | **Leaf: number of divisions** | |  |  |
|  | | absent or very few | Fiorella, Lollo rossa | |  | | --- | | 1 [   ] | |
|  | | very few to few |  | |  | | --- | | 2 [   ] | |
|  | | few | Curletta, Rodagio | |  | | --- | | 3 [   ] | |
|  | | few to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Ezabel, Jadigon | |  | | --- | | 5 [   ] | |
|  | | medium to many |  | |  | | --- | | 6 [   ] | |
|  | | many | Expedition, Multired 54 | |  | | --- | | 7 [   ] | |
|  | | many to very many |  | |  | | --- | | 8 [   ] | |
|  | | very many | Excite, Ezfrill, Telex | |  | | --- | | 9 [   ] | |
| **5.5 (7)** | | |  | | --- | | **Only varieties with Leaf: number of divisions: absent or very few: Leaf: shape** | |  |  |
|  | | triangular |  | |  | | --- | | 1 [   ] | |
|  | | lanceolate | Qingyuanyewoju | |  | | --- | | 2 [   ] | |
|  | | medium oblate | Stylist | |  | | --- | | 3 [   ] | |
|  | | narrow oblate | Commodore, Fiorella | |  | | --- | | 4 [   ] | |
|  | | circular | Verpia | |  | | --- | | 5 [   ] | |
|  | | broad elliptic | Amadeus | |  | | --- | | 6 [   ] | |
|  | | medium elliptic | Xanadu | |  | | --- | | 7 [   ] | |
|  | | narrow elliptic | Verte maraîchère | |  | | --- | | 8 [   ] | |
|  | | linear | Hongwoju | |  | | --- | | 9 [   ] | |
|  | | broad obtrullate |  | 10 [   ] |
|  | | obovate | Raisa | 11 [   ] |
|  | | oblanceolate | Xiangshengcai | 12 [   ] |
| |  | | --- | | **5.~~2~~ 6** |  |  | | --- | | **(11)** | | | |  | | --- | | **Leaf: anthocyanin coloration** | |  |  |
|  | | |  | | --- | | absent or very weak | | |  | | --- | | Clarion | | |  | | --- | | 1 [   ] | |
|  | | |  | | --- | | very weak to weak | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | | |  | | --- | | weak | | |  | | --- | | Du bon jardinier | | |  | | --- | | 3 [   ] | |
|  | | |  | | --- | | weak to medium | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | | |  | | --- | | medium | | |  | | --- | | Lollo rossa, Luana | | |  | | --- | | 5 [   ] | |
|  | | |  | | --- | | medium to strong | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
|  | | |  | | --- | | strong | | |  | | --- | | Merveille des quatre saisons | | |  | | --- | | 7 [   ] | |
|  | | |  | | --- | | strong to very strong | | |  | | --- | |  | | |  | | --- | | 8 [   ] | |
|  | | |  | | --- | | very strong | | |  | | --- | | Iride, Revolution | | |  | | --- | | 9 [   ] | |
|  | | 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** | |  |  |
|  | | absent or very weak | Duplex, Sartre | |  | | --- | | 1 [   ] | |
|  | | very weak to weak |  | |  | | --- | | 2 [   ] | |
|  | | weak | Fiorella | |  | | --- | | 3 [   ] | |
|  | | weak to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Commodore | |  | | --- | | 5 [   ] | |
|  | | medium to strong |  | |  | | --- | | 6 [   ] | |
|  | | strong | Blonde de Paris, Xanadu | |  | | --- | | 7 [   ] | |
|  | | strong to very strong |  | |  | | --- | | 8 [   ] | |
|  | | very strong | Blonde de Doulon, Iride, Karioka | |  | | --- | | 9 [   ] | |
| **5.9 (20)** | | |  | | --- | | **Leaf: undulation of margin** | |  |  |
|  | | absent or very weak | Tiago | |  | | --- | | 1 [   ] | |
|  | | very weak to weak |  | |  | | --- | | 2 [   ] | |
|  | | weak | Commodore | |  | | --- | | 3 [   ] | |
|  | | weak to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Noisette, Pentared | |  | | --- | | 5 [   ] | |
|  | | medium to strong |  | |  | | --- | | 6 [   ] | |
|  | | strong | Calmar, Invicta | |  | | --- | | 7 [   ] | |
|  | | strong to very strong |  | |  | | --- | | 8 [   ] | |
|  | | very strong | Lollo rossa | |  | | --- | | 9 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.10 (22)** | | |  | | --- | | **Leaf: depth of incisions of margin** | |  |  |
|  | | absent or very shallow | Actarus, Clarion, Tiago | |  | | --- | | 1 [   ] | |
|  | | very shallow to shallow |  | |  | | --- | | 2 [   ] | |
|  | | shallow | Pentared, Unicum | |  | | --- | | 3 [   ] | |
|  | | shallow to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Santarinas | |  | | --- | | 5 [   ] | |
|  | | medium to deep |  | |  | | --- | | 6 [   ] | |
|  | | deep | Expedition | |  | | --- | | 7 [   ] | |
|  | | deep to very deep |  | |  | | --- | | 8 [   ] | |
|  | | very deep |  | 9 [   ] |
| **5.11 (25)** | | |  | | --- | | **Leaf: venation** | |  |  |
|  | | not flabellate | Verpia, Xanadu | |  | | --- | | 1 [   ] | |
|  | | semi-flabellate | Kibrille, Muraï | |  | | --- | | 2 [   ] | |
|  | | flabellate | Locarno, Roxette | |  | | --- | | 3 [   ] | |
| **5.12 (26)** | | |  | | --- | | **Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: size** | |  |  |
|  | | very small | Tom Thumb | |  | | --- | | 1 [   ] | |
|  | | very small to small |  | |  | | --- | | 2 [   ] | |
|  | | small | Xanadu | |  | | --- | | 3 [   ] | |
|  | | small to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Fiorella, Soraya | |  | | --- | | 5 [   ] | |
|  | | medium to large |  | |  | | --- | | 6 [   ] | |
|  | | large | Great Lakes 659 | |  | | --- | | 7 [   ] | |
|  | | large to very large |  | |  | | --- | | 8 [   ] | |
|  | | very large | Blonde maraîchère, El Toro | 9 [   ] |
| **5.13 (27)** | | |  | | --- | | **Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: shape in longitudinal section** | |  |  |
|  | | narrow elliptic | Verte maraîchère | |  | | --- | | 1 [   ] | |
|  | | broad elliptic | Amadeus, Sucrine | |  | | --- | | 2 [   ] | |
|  | | circular | Verpia | |  | | --- | | 3 [   ] | |
|  | | narrow oblate | Ametist | |  | | --- | | 4 [   ] | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | | | | |
|  | | | | |
|  | 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 *Bremia lactucae*(Bl) Isolate Bl: 16EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.16 (39)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 17EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.17 (40)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 20EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.18 (41)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 21EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès, Colorado | 9 [   ] |
|  | not tested |  | [   ] |
| **5.19 (42)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 22EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.20 (43)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 23EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Colorado | 9 [   ] |
|  | not tested |  | [   ] |
| **5.21 (44)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 24EU** | |  |  |
|  | absent | Argelès, Colorado | 1 [   ] |
|  | present | Dandie, NunDm15, UCDm14 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.22 (45)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 25EU** | |  |  |
|  | absent | Colorado | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.23 (46)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 26EU** | |  |  |
|  | absent | Colorado | 1 [   ] |
|  | present | Balesta, Bedford | 9 [   ] |
|  | not tested |  | [   ] |
| **5.24 (47)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 27EU** | |  |  |
|  | absent | Balesta, Colorado | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.25 (53)** | **Resistance to *Lettuce mosaic virus* (LMV) Pathotype II** |  |  |
|  | absent | Bijou, Hilde II, Sprinter, Sucrine | 1 [   ] |
|  | present | Capitan, Corsica | 9 [   ] |
|  | not tested |  | [   ] |
| **5.26 (54)** | |  | | --- | | **Resistance to *Nasonovia ribisnigri* (Nr) Biotype Nr: 0** | |  |  |
|  | absent | Abel, Green Towers, Nadine | 1 [   ] |
|  | present | Barcelona, Bedford, Dynamite, Silvinas | 9 [   ] |
|  | not tested |  | [   ] |

[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 (3)** | **Leaf: length (including petiole)** | | | |  | |  |
|  | very short | | | | Mokum, Mignon | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | | Juwarot, Nantaise améliorée 2 | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Chantenay,  Chantenay à cœur rouge 2 | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | | De Colmar à cœur rouge 2, Rothild | | 9[ ] |
| **5.2 (5)** | **Leaf: intensity of green color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Adelaide, Leonor | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Amsterdam 2, Amsterdam 3 | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Rothild | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | |  | | 9[ ] |
| **5.3 (6)** | **Leaf: anthocyanin coloration of petiole** | | | |  | |  |
|  | absent | | | | Amsterdam 2 | | 1[ ] |
|  | present | | | | Tarenco | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~3~~ 4 (7)** | **Root: length** | | | |  | |  |
|  | very short | | | | Parijse Markt 2, Parijse Markt 3 | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Chantenay | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Berlikumer 2, Berlikumer 3 | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | | Lange Stompe Winter | | 9[ ] |
| **5.~~4~~ 5 (8)** | **Root: width** | | | |  | |  |
|  | very narrow | | | |  | | 1[ ] |
|  | very narrow to narrow | | | |  | | 2[ ] |
|  | narrow | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | narrow to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2,  Nantaise améliorée 3 | | 5[ ] |
|  | medium to broad | | | |  | | 6[ ] |
|  | broad | | | | De Colmar à cœur rouge 2, Parijse Markt 2, Parijse Markt 3 | | 7[ ] |
|  | broad to very broad | | | |  | | 8[ ] |
|  | very broad | | | |  | | 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[ ] |
|  | 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)** | **Excluding varieties with white external root color: Root: intensity of external color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Bingo, Mello Yello, Tancar | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Goliath, Nutri-red | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Karotan, Pinocchio, Purple Haze | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | |  | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.11 (16)** | **Root: anthocyanin coloration of skin of shoulder** | | | |  | |  |
|  | absent | | | | Trevor | | 1[ ] |
|  | present | | | | Touchon | | 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** | | | |  | |  |
|  | very early | | | | Parijse Markt 3 | | 1[ ] |
|  | very early to early | | | |  | | 2[ ] |
|  | early | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | early to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to late | | | |  | | 6[ ] |
|  | late | | | | De Colmar à cœur rouge 2, Touchon | | 7[ ] |
|  | late to very late | | | |  | | 8[ ] |
|  | very late | | | | Goliath | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.14 (29)** | **Plant: tendency to bolting** | | | |  | |  |
|  | very weak | | | |  | | 1[ ] |
|  | very weak to weak | | | |  | | 2[ ] |
|  | weak | | | | Molene, Tancar | | 3[ ] |
|  | weak to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to strong | | | |  | | 6[ ] |
|  | strong | | | | Muscade, Touchon | | 7[ ] |
|  | strong to very strong | | | |  | | 8[ ] |
|  | very strong | | | |  | | 9[ ] |
| **5.~~11~~ 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)** | **Seedling: length of cotyledon** | | | |  | |  |
|  | very short | | | |  | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Nores | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | |  | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Breedblad Scherpzaad, Resistoflay | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | |  | | 9[ ] |
| **5.2 (2)** | **Leaf: anthocyanin coloration of petioles and veins** | | | |  | |  |
|  | absent | | | | Resistoflay, Nores | | 1[ ] |
|  | present | | | | Red Cardinal, Reddy | | 2[ ] |
| **5.~~1~~ 3 (3)** | **Leaf blade: intensity of green color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Monet, Viroflay, Winterreuzen | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Butterflay, Monnopa | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Imola, Lavewa, Nores | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | | Lorelay, Mystic | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~2~~ 4 (4)** | **Leaf blade: blistering** | | | |  | |  |
|  | absent or very weak | | | | Matador | | 1[ ] |
|  | very weak to weak | | | |  | | 2[ ] |
|  | weak | | | | Polka, Tarpy | | 3[ ] |
|  | weak to medium | | | |  | | 4[ ] |
|  | medium | | | | Butterflay, Koala, Mystic | | 5[ ] |
|  | medium to strong | | | |  | | 6[ ] |
|  | strong | | | | Giraffe, Rhythm | | 7[ ] |
|  | strong to very strong | | | |  | | 8[ ] |
|  | very strong | | | | Menorca, Revolver | | 9[ ] |
| **5.5 (9)** | **Leaf blade: shape (excluding basal lobes)** | | | |  | |  |
|  | triangular | | | | Grappa, Maracas | | 1[ ] |
|  | medium ovate | | | | Lavewa, Resistoflay | | 2[ ] |
|  | broad ovate | | | | Butterflay | | 3[ ] |
|  | medium elliptic | | | |  | | 4[ ] |
|  | broad elliptic | | | | Nores | | 5[ ] |
|  | circular | | | | Giraffe | | 6[ ] |
| **5.~~3~~ 6 (11)** | **Leaf blade: shape of apex** | | | |  | |  |
|  | acute | | | | Grappa, Rhythm | | 1[ ] |
|  | obtuse | | | | Resistoflay | | 2[ ] |
|  | rounded | | | | Imola, Nores | | 3[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~4~~ 7 (13)** | **Proportion of monoecious plants** | | | |  | |  |
|  | absent or very low | | | | Medania | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | | Matador | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Figo | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | | Giraffe, Lazio | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | | Monnopa | | 9[ ] |
| **5.~~5~~ 8 (14)** | **Proportion of female plants** | | | |  | |  |
|  | absent or very low | | | | Monnopa | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | | Giraffe | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Figo, Medania | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | | Parrot | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | |  | | 9[ ] |
| **5.~~6~~ 9 (15)** | **Proportion of male plants** | | | |  | |  |
|  | absent or very low | | | | Monnopa, Parrot | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | |  | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Medania | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | |  | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | |  | | 9[ ] |
|  | 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[ ] |
|  | very early to early | | | |  | | 2[ ] |
|  | early | | | | Bandola, Viroflay | | 3[ ] |
|  | early to medium | | | |  | | 4[ ] |
|  | medium | | | | Matador, Monnopa | | 5[ ] |
|  | medium to late | | | |  | | 6[ ] |
|  | late | | | | Grappa, Medania, Revolver | | 7[ ] |
|  | late to very late | | | |  | | 8[ ] |
|  | very late | | | | Chica, Lavewa | | 9[ ] |
| **5.11 (18.1)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 1** | | | |  | |  |
|  | absent | | | | Viroflay, Winterreuzen | | 1 [   ] |
|  | present | | | | Califlay, Resistoflay | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.12 (18.2)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 2** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Resistoflay | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.13 (18.3)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 3** | | | |  | |  |
|  | absent | | | | Resistoflay | | 1 [   ] |
|  | present | | | | Califlay, Clermont | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.14 (18.4)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 4** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Clermont | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.15 (18.5)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 5** | | | |  | |  |
|  | absent | | | | Clermont | | 1 [   ] |
|  | present | | | | Califlay, Campania | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.16 (18.6)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 6** | | | |  | |  |
|  | absent | | | | Califlay, Campania | | 1 [   ] |
|  | present | | | | Boeing | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.17 (18.7)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 7** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Campania | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.18 (18.8)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 8** | | | |  | |  |
|  | absent | | | | Boeing, Campania | | 1 [   ] |
|  | present | | | | Lazio, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.19 (18.9)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 10** | | | |  | |  |
|  | absent | | | | Boeing, Campania, Lion | | 1 [   ] |
|  | present | | | | Lazio | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.20 (18.10)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 11** | | | |  | |  |
|  | absent | | | | Lazio | | 1 [   ] |
|  | present | | | | Boeing, Califlay, Campania, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.21 (18.11)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 12** | | | |  | |  |
|  | absent | | | | Boeing, Campania | | 1 [   ] |
|  | present | | | | Finch, Pigeon, Red Kitten, Zebu | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.22 (18.12)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 13** | | | |  | |  |
|  | absent | | | | Campania | | 1 [   ] |
|  | present | | | | Boeing, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.23 (18.13)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 14** | | | |  | |  |
|  | absent | | | | Campania, Pigeon | | 1 [   ] |
|  | present | | | | Califlay, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.24 (18.14)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 15** | | | |  | |  |
|  | absent | | | | Caladonia | | 1 [   ] |
|  | present | | | | Pigeon | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.25 (18.15)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 16** | | | |  | |  |
|  | absent | | | | Meerkat | | 1 [   ] |
|  | present | | | | Caladonia | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.26 (18.16)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 17** | | | |  | |  |
|  | absent | | | | Pigeon | | 1 [   ] |
|  | present | | | | Hydrus | | 9 [   ] |
|  | not tested | | | |  | | [   ] |

[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.

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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 (1)** | **Cotyledon: bitterness** | | |  |  |
|  | absent | | | Rocket GS, Sandra | 1 [ ] |
|  | present | | | Farbio | 9 [ ] |
| **5.2 (2)** | **Plant: growth type** | | |  |  |
|  | determinate | | | Bush Crop, Shachal | 1 [ ] |
|  | indeterminate | | | Corona, Levina | 2 [ ] |
| **5.~~2~~ 3 (13)** | **Plant: sex expression** | | |  |  |
|  | monoecoius | | | Hokus | 1 [ ] |
|  | subgynoecious | | | Toska 70 | 2 [ ] |
|  | gynoecious | | | Farbio, Sandra, Wilma | 3 [ ] |
|  | hermaphrodytic | | | Sunsweet | 4 [ ] |
| **5.~~3~~ 4 (15)** | **Ovary: color of vestiture** | | |  |  |
|  | white | | | Jazzer | 1 [ ] |
|  | black | | | Vert petit de Paris | 2 [ ] |
| **5.~~4~~ 5 (16)** | **Parthenocarpy** | | |  |  |
|  | absent | | | Toska 70 | 1 [ ] |
|  | present | | | Farbio, Rocket GS, Sandra, Wilma | 9 [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.4 6 (17)** | **Fruit: length** | | |  |  |
|  | very short | | | De Russie, Sunsweet | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | |  | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Gemini, Jazzer | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Corona | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | |  | 9[ ] |
| **5.7 (18)** | **Fruit: diameter** | | |  |  |
|  | very small | | |  | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Picobello, Wilma | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Corona, Diamant | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Delikatess, Riesenschäl | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | |  | 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 [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~8~~ 10 (31)** | **Fruit: type of vestiture** | | |  |  |
|  | hairs only | | | Silor | 1 [ ] |
|  | hairs and prickles | | | De Bourbonne, De Massy | 2 [ ] |
|  | prickles only | | | Corona, Jazzer | 3 [ ] |
| **5.11 (35)** | **Fruit: size of warts** | | |  |  |
|  | very small | | | Parmel | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Jazzer | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Regal | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Chinese Slangen | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | | Tasty Green | 9[ ] |
| **5.~~9~~ 12 (44)** | **Resistance to *Cladosporium cucumerinum* (Ccu)** | | |  |  |
|  | absent | | | Cherubino, Frontera, Pepinex 69 | 1[ ] |
|  | present | | | Corona, Marketmore 76, Sheila | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.~~10~~ 13 (45)** | **Resistance to *Cucumber mosaic virus* (CMV)** | | |  |  |
|  | susceptible | | | Bosporus, Corona, Ventura | 1[ ] |
|  | moderately resistant | | | Capra, Gardon, Verdon | 2[ ] |
|  | highly resistant | | | Naf, Picolino | 3[ ] |
|  | not tested | | |  | [ ] |
| **5.~~11~~ 14 (46)** | **Resistance to Powdery mildew (*Podosphaera xanthii*) (Px)** | | |  |  |
|  | susceptible | | | Corona, Ventura | 1[ ] |
|  | moderately resistant | | | Flamingo | 2[ ] |
|  | highly resistant | | | Aramon, Bella, Cordoba | 3[ ] |
|  | not tested | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~12~~ 15 (48)** | **Resistance to Corynespora blight and target leaf pot  (*Corynespora cassiicola*) (Cca)** | | |  |  |
|  | absent | | | Bodega, Pepinova | 1 [ ] |
|  | present | | | Corona, Cumlaude | 9 [ ] |
|  | not tested | | |  | [ ] |
| **5.~~13~~ 16 (49)** | **Resistance to *Cucumber vein yellowing virus* (CVYV)** | | |  |  |
|  | 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.

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

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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 Carmes | 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, Védrantais | 4[ ] |
| **5.~~4~~ 6 (36)** | **Fruit: density of patches** |  |  |
|  | absent or very sparse | Rochet | 1[ ] |
|  | very sparse to sparse |  | 2[ ] |
|  | sparse |  | 3[ ] |
|  | sparse to medium |  | 4[ ] |
|  | medium | Braco | 5[ ] |
|  | medium to dense |  | 6[ ] |
|  | dense | Piel de Sapo | 7[ ] |
|  | dense to very dense |  | 8[ ] |
|  | 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** |  |  |
|  | absent or very weak | Védrantais | 1[ ] |
|  | very weak to weak |  | 2[ ] |
|  | weak | Melchor, Sirocco | 3[ ] |
|  | weak to medium |  | 4[ ] |
|  | medium | Costa, Piolín | 5[ ] |
|  | medium to strong |  | 6[ ] |
|  | strong | Tendral Negro | 7[ ] |
|  | strong to very strong |  | 8[ ] |
|  | very strong | Balbey, Kirkagac | 9[ ] |
| **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[ ] |
|  | very sparse to sparse |  | 2[ ] |
|  | sparse | Védrantais | 3[ ] |
|  | sparse to medium |  | 4[ ] |
|  | medium | Regal, Vital | 5[ ] |
|  | medium to dense |  | 6[ ] |
|  | dense | Galia, Geamar | 7[ ] |
|  | dense to very dense |  | 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[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Elario, Katsura Giant | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Arava, Sancho | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Amarillo Oro, Toledo | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | Albino | 9[ ] |
| **5.~~12~~ 15 (63)** | **Seed: color** |  |  |
|  | whitish | Amarillo Oro s.b. | 1[ ] |
|  | cream yellow | Galia, Piel de Sapo | 2[ ] |

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| --- | --- | --- | --- |
|  | Characteristics | Example Varieties | Note |
| **5.16 (65)** | **Time of male flowering** |  |  |
|  | very early |  | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Clipper, Vital | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Categoría | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Nicolás, Rocín | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late |  | 9[ ] |
| **5.17 (66)** | **Time of female flowering** |  |  |
|  | very early |  | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Clipper | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Braco, Categoría, Vital | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Nicolás | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late |  | 9[ ] |
| **5.18 (67)** | **Time of ripening** |  |  |
|  | very early | Goldstar, Sun | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Galia | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Védrantais | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Pinonet Piel de Sapo, Rochet | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late | Clipper, Supporter, Tendral | 9[ ] |

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| --- | --- | --- | --- |
|  | Characteristics | Example Varieties | Note |
| **5.~~13~~ 19 (68)** | **Shelf life of fruit** |  |  |
|  | very short | Charentais | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Galia | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Clipper | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Piel de Sapo | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | Tendral Negro | 9[ ] |
| **5.~~14~~ 20 (69.1)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis –* Race 0** |  |  |
|  | absent | Jaune Canari 2 | 1[ ] |
|  | present | Jador, Védrantais | 9[ ] |
| **5.~~15~~ 21 (69.2)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 1** |  |  |
|  | absent | Jaune Canari 2, Védrantais | 1[ ] |
|  | present | Arapaho, Jador, Rubbens | 9[ ] |
| **5.~~16~~ 22 (69.3)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 2** |  |  |
|  | absent | Arapaho,  Jaune Canari 2, Rubbens | 1[ ] |
|  | present | Anasta, Cléo, Jador, Védrantais, | 9[ ] |
| **5.23 (69.4)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 1.2** |  |  |
|  | susceptible | Jaune Canari 2,  Védrantais, Virgos | 1[ ] |
|  | moderately resistant | Lunasol | 2[ ] |
|  | highly resistant | Dinero, Isabelle | 3[ ] |
|  | not tested |  | [ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.24 (70.1)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 1** |  |  |
|  | susceptible | Jaune Canari 2, Védrantais | 1[ ] |
|  | moderately resistant | Escrito | 2[ ] |
|  | highly resistant | Anasta,Cézanne, | 3[ ] |
|  | not tested |  | [ ] |
| **5.25 (70.2)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 2** |  |  |
|  | susceptible | Galoubet, Védrantais | 1[ ] |
|  | moderately resistant | Escrito, Pendragon | 2[ ] |
|  | highly resistant | Anasta, Cézanne | 3[ ] |
|  | not tested |  | [ ] |
| **5.26 (70.3)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 3** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Nettuno | 2[ ] |
|  | highly resistant | Batista, Godiva | 3[ ] |
|  | not tested |  | [ ] |
| **5.27 (70.4)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 5** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Hugo, Pendragon | 2[ ] |
|  | highly resistant | Arapaho | 3[ ] |
|  | not tested |  | [ ] |
| **5.28 (70.5)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 3-5** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Cisco | 2[ ] |
|  | highly resistant | 90625 | 3[ ] |
|  | not tested |  | [ ] |

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

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|  | Characteristics | Example Varieties | Note |
| **5.35 (76)** | **Resistance to *Cucumber mosaic virus* (CMV)** |  |  |
|  | absent | Cézanne, Dalton | 1[ ] |
|  | present | Lunaduke, Virgos | 9[ ] |
|  | not tested |  | [ ] |

[Annex VII follows]

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

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

|  |  |  |  |  |  |  |
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| 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 (4)** | | **Plant: growth habit** | |  | |  |
|  | | bush | | Greyzini | | 1[ ] |
|  | | semi-trailing | | Cinderella, Everest, Twickers | | 2[ ] |
|  | | trailing | | Becky, Long Green Trailing | | 3[ ] |
| **5.3 (5)** | | **Plant: branching** | |  | |  |
|  | | absent | | Goldi | | 1[ ] |
|  | | present | | Patty Green Tint | | 9[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.4 (13)** | | **Leaf blade: incisions** | |  | |  |
|  | | absent or very shallow | | Scallopini | | 1[ ] |
|  | | very shallow to shallow | |  | | 2[ ] |
|  | | shallow | | Everest | | 3[ ] |
|  | | shallow to medium | |  | | 4[ ] |
|  | | medium | | Jackpot | | 5[ ] |
|  | | medium to deep | |  | | 6[ ] |
|  | | deep | | Civac | | 7[ ] |
|  | | deep to very deep | |  | | 8[ ] |
|  | | very deep | | Isotta | | 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** | |  | |  |
|  | | very small | | Albo | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Aziz | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Ambassador | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | Cora | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | | Summerstar | | 9[ ] |
| **5.7 (26)** | | **Only Zucchini and Rounded Zucchini type varieties: Young fruit: general shape** | |  | |  |
|  | | globular | | De Nice à Fruit Rond | | 1[ ] |
|  | | pear shaped | | Clarita | | 2[ ] |
|  | | tapered elliptical | | Top Kapi | | 3[ ] |
|  | | elliptical | | Table Dainty | | 4[ ] |
|  | | cylindrical | | Ambassador, Ibis | | 5[ ] |
|  | | tapered cylindrical | |  | | 6[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.8 (27)** | | **Young fruit: main color of skin (excluding color of ribs or grooves)** | |  | |  |
|  | | white | | White Bush Scallop | | 1[ ] |
|  | | cream | | Tivoli | | 2[ ] |
|  | | yellow | | Goldi | | 3[ ] |
|  | | green | | Elite, Opal, Romano | | 4[ ] |
|  | | partly white and partly yellow | |  | | 5[ ] |
|  | | partly white and partly green | |  | | 6[ ] |
|  | | partly yellow and partly green | | Sunburst, Zephyr | | 7[ ] |
| **5.9 (30)** | | **Fruit: general shape** | |  | |  |
|  | | disc shaped | |  | | 1[ ] |
|  | | transverse elliptical | |  | | 2[ ] |
|  | | transverse broad elliptical | |  | | 3[ ] |
|  | | globular | |  | | 4[ ] |
|  | | top shaped | |  | | 5[ ] |
|  | | broad elliptical | |  | | 6[ ] |
|  | | ovate | |  | | 7[ ] |
|  | | elliptical | |  | | 8[ ] |
|  | | cylindrical | |  | | 9[ ] |
|  | | pear shaped | |  | | 10[ ] |
|  | | bottle shaped | |  | | 11[ ] |
|  | | club shaped | |  | | 12[ ] |
| **5.10 (31.1)** | | **Only Scallop type varieties: Fruit: length** | |  | |  |
|  | | very short | |  | | 1[ ] |
|  | | very short to short | |  | | 2[ ] |
|  | | short | | Bennings Green Tint | | 3[ ] |
|  | | short to medium | |  | | 4[ ] |
|  | | medium | | Sunburst | | 5[ ] |
|  | | medium to long | |  | | 6[ ] |
|  | | long | | Yellow Bush Scallop | | 7[ ] |
|  | | long to very long | |  | | 8[ ] |
|  | | very long | |  | | 9[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.11 (31.2)** | | **Only Acorn type varieties: Fruit: length** | |  | |  |
|  | | very short | |  | | 1[ ] |
|  | | very short to short | |  | | 2[ ] |
|  | | short | | Table Gold | | 3[ ] |
|  | | short to medium | |  | | 4[ ] |
|  | | medium | | Swan White Acorn | | 5[ ] |
|  | | medium to long | |  | | 6[ ] |
|  | | long | | Ebony Table Queen | | 7[ ] |
|  | | long to very long | |  | | 8[ ] |
|  | | very long | |  | | 9[ ] |
| **5.12 (31.3)** | | **Only Neck type varieties: Fruit: length** | |  | |  |
|  | | very short | |  | | 1[ ] |
|  | | very short to short | |  | | 2[ ] |
|  | | short | | Wryneck | | 3[ ] |
|  | | short to medium | |  | | 4[ ] |
|  | | medium | | Yellow Summer Crookneck | | 5[ ] |
|  | | medium to long | |  | | 6[ ] |
|  | | long | | Sunbar | | 7[ ] |
|  | | long to very long | |  | | 8[ ] |
|  | | very long | |  | | 9[ ] |
| **5.13 (31.4)** | | **Only Zucchini type varieties: Fruit: length** | |  | |  |
|  | | very short | | Jericho | | 1[ ] |
|  | | very short to short | |  | | 2[ ] |
|  | | short | | Jedida | | 3[ ] |
|  | | short to medium | |  | | 4[ ] |
|  | | medium | | Cora | | 5[ ] |
|  | | medium to long | |  | | 6[ ] |
|  | | long | | Carlotta | | 7[ ] |
|  | | long to very long | |  | | 8[ ] |
|  | | very long | | Altea | | 9[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.14 (32.1)** | | **Only Scallop type varieties: Fruit: maximum diameter** | |  | |  |
|  | | very small | |  | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Scallopini | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Yellow Bush Scallop | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | White Bush Scallop | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | |  | | 9[ ] |
| **5.15 (32.2)** | | **Only Acorn type varieties: Fruit: maximum diameter** | |  | |  |
|  | | very small | |  | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Table Gold | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Table King | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | Swan White Acorn | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | |  | | 9[ ] |
| **5.16 (32.3)** | | **Only Zucchini type varieties: Fruit: maximum diameter** | |  | |  |
|  | | very small | |  | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Goldi | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Opal | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | Jericho, Spidi | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | |  | | 9[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.17 (34.1)** | | **Only Pumpkin type varieties: Fruit: size** | |  | |  |
|  | | very small | | Wee-B-Little | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Peek-a-Boo | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Spirit | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | Ghost Rider | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | | Howden | | 9[ ] |
| **5.18 (34.2)** | | **Only Rondini type varieties: Fruit: size** | |  | |  |
|  | | very small | |  | | 1[ ] |
|  | | very small to small | |  | | 2[ ] |
|  | | small | | Pomme d’Or | | 3[ ] |
|  | | small to medium | |  | | 4[ ] |
|  | | medium | | Rolet | | 5[ ] |
|  | | medium to large | |  | | 6[ ] |
|  | | large | | Little Gem | | 7[ ] |
|  | | large to very large | |  | | 8[ ] |
|  | | very large | |  | | 9[ ] |
| **5.19 (46)** | | **Fruit: grooves** | |  | |  |
|  | | absent | |  | | 1[ ] |
|  | | present | |  | | 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 (51)** | | **Only varieties with yellow color of skin: Fruit: intensity of yellow color of skin (as for 50)** | |  | |  |
|  | | very light | |  | | 1[ ] |
|  | | very light to light | |  | | 2[ ] |
|  | | light | |  | | 3[ ] |
|  | | light to medium | |  | | 4[ ] |
|  | | medium | |  | | 5[ ] |
|  | | medium to dark | |  | | 6[ ] |
|  | | dark | |  | | 7[ ] |
|  | | dark to very dark | |  | | 8[ ] |
|  | | very dark | |  | | 9[ ] |
| **5.22 (52)** | | **Only varieties with yellow color of skin: Fruit: intensity of yellow color of skin (as for 50)** | |  | |  |
|  | | very light | |  | | 1[ ] |
|  | | very light to light | |  | | 2[ ] |
|  | | light | |  | | 3[ ] |
|  | | light to medium | |  | | 4[ ] |
|  | | medium | |  | | 5[ ] |
|  | | medium to dark | |  | | 6[ ] |
|  | | dark | | Cora | | 7[ ] |
|  | | dark to very dark | |  | | 8[ ] |
|  | | very dark | | Baby Bear, Sardane | | 9[ ] |
| **5.23 (54)** | | **Fruit: stripes in grooves** | |  | |  |
|  | | absent | | Baby Bear, Jack Be Little | | 1[ ] |
|  | | present | | Delicata, Heart of Gold,  Pâtisson jaune panaché de vert | | 9[ ] |
| **5.24 (57)** | | **Fruit: dots** | |  | |  |
|  | | absent | | Sunburst | | 1[ ] |
|  | | present | | Gold Rush, Table Queen | | 9[ ] |
| **5.25 (59)** | | **Fruit: secondary green color between ribs (excluding dots)** | |  | |  |
|  | | absent | | Grey Zucchini, Small Sugar | | 1[ ] |
|  | | present | | Beatrice, Greyzini, Heart of Gold, Steierischer Ölkürbis, Tonda Padana, Zubi | | 9[ ] |
|  | | Characteristics | | Example Varieties | | Note |
| **5.25 (69)** | | **Ripe fruit: main color of skin (excluding color of mottles, patches, stripes and bands)** | |  | |  |
|  | | white | | Pâtisson blanc panaché de vert | | 1[ ] |
|  | | whitish | | White Bush Scallop | | 2[ ] |
|  | | cream | | Bianchini, Opal | | 3[ ] |
|  | | yellow | | Gold Rush | | 4[ ] |
|  | | orange | | Autumn Gold | | 5[ ] |
| **5.26 (71)** | | **Ripe fruit: secondary color of skin (as for 69)** | |  | |  |
|  | | whitish | |  | | 1[ ] |
|  | | cream | |  | | 2[ ] |
|  | | yellow | |  | | 3[ ] |
|  | | orange | |  | | 4[ ] |
|  | | green | |  | | 5[ ] |
| **5.27 (74)** | | **Ripe fruit: color of flesh** | |  | |  |
|  | | cream | | Elite | | 1[ ] |
|  | | yellow | | Sunburst, Vegetable Spaghetti | | 2[ ] |
|  | | orange | | Autumn Gold | | 3[ ] |

[Annex VIII follows]

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 (1)** | **Ploidy** | | |  |  |
|  | diploid | | | SP 4, Sugar Baby, Yamato 3 | 2[ ] |
|  | triploid | | | Boston, TRIX 313 | 3[ ] |
|  | tetraploid | | |  | 4[ ] |
| **5.2 (8)** | **Leaf blade: degree of lobing** | | |  |  |
|  | absent or very weak | | | Sunshade | 1[ ] |
|  | very weak to weak | | |  | 2[ ] |
|  | weak | | | Estrella, Karistan | 3[ ] |
|  | weak to medium | | |  | 4[ ] |
|  | medium | | | Crimson Sweet, Crisby | 5[ ] |
|  | medium to strong | | |  | 6[ ] |
|  | strong | | | Cadanz | 7[ ] |
|  | strong to very strong | | |  | 8[ ] |
|  | very strong | | | SP 1 | 9[ ] |
| **5.~~2~~ 3 (11)** | **Fruit: weight** | | |  |  |
|  | 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[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~3~~ 4 (12)** | **Fruit: shape in longitudinal section** | | |  |  |
|  | 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 (16)** | **Fruit: ground color of skin** | | |  |  |
|  | 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 (18)** | **Fruit: pattern of stripes** | | |  |  |
|  | only one colored | | | Congo | 1[ ] |
|  | one colored and veins | | | Trix Palomar | 2[ ] |
|  | one colored, veins and marbled | | | Boston | 3[ ] |
|  | one colored and marbled | | | Jenny | 4[ ] |
|  | two colored, veins and marbled | | | Crisby | 5[ ] |
|  | only veins | | |  | 6[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~5~~ 7 (19)** | **Fruit: width of stripes** | | |  |  |
|  | 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 (21)** | **Fruit: conspicuousness of stripes** | | |  |  |
|  | inconspicuous or very weakly conspicuous | | | Augusta | 1[ ] |
|  | weak | | | Odem | 2[ ] |
|  | medium | | | Trix Palomar | 3[ ] |
|  | strong | | | Jenny | 4[ ] |
|  | very strong | | | A graine rouge à confire à chair verte | 5[ ] |
| **5.~~6~~ 9 (22)** | **Fruit: margin of stripes** | | |  |  |
|  | diffuse | | | Crimson Glory, Crisby | 1[ ] |
|  | medium | | | Crimson Sweet | 2[ ] |
|  | sharp | | | Jenny, Jubilee | 3[ ] |
| **5.10 (27)** | **Fruit: thickness of pericarp** | | |  |  |
|  | very thin | | | Bibo, Tiny Orchid, Luciano | 1[ ] |
|  | very thin to thin | | |  | 2[ ] |
|  | thin | | | À graine rouge à confire à chair verte, Beni-kodama, Jenny, Kahô, Kassai | 3[ ] |
|  | thin to medium | | |  | 4[ ] |
|  | medium | | | Panonnia, Sugar Baby, Sugar Belle, Yamato 3 | 5[ ] |
|  | medium to thick | | |  | 6[ ] |
|  | thick | | | Charleston Gray, Crimson Sweet, Kurobe, Triple Sweet, Sunrise | 7[ ] |
|  | thick to very thick | | |  | 8[ ] |
|  | very thick | | | Coles Early, Kholodok | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~7~~ 11 (28)** | **Fruit: main color of flesh** | | |  |  |
|  | white | | | SP 4, SP 1,Yamato Cream 3 | 1[ ] |
|  | yellow | | | Napsugár, Yamato Cream 1 | 2[ ] |
|  | orange | | | Kahô, Tendersweet | 3[ ] |
|  | pink | | | Sadul | 4[ ] |
|  | pinkish red | | | Bingo, Crimson Sweet | 5[ ] |
|  | red | | | Asahi Miyako Hybrid, Sugar Baby, Topgun | 6[ ] |
|  | dark red | | | Dixie Lee | 7[ ] |
| **5.~~8~~ 12 (31)** | **Only diploid and tetraploid varieties: Seed: length** | | |  |  |
|  | very short | | | Kudam | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Panonnia, Tabata | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Sugar Baby | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Charleston Gray, Kurobe | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | | Malali, Wanli | 9[ ] |
| **5.~~9~~ 13 (33)** | **Only diploid and tetraploid varieties: Seed: ground color of testa** | | |  |  |
|  | white | | | Sanpaku | 1[ ] |
|  | cream | | | Kurobe | 2[ ] |
|  | green | | | A confire allongée à graine verte, Green Citron | 3[ ] |
|  | red | | | A graine rouge à confire à chair verte, Red Citron | 4[ ] |
|  | red brown | | | Kahô | 5[ ] |
|  | brown | | | Otome, Sugar Baby | 6[ ] |
|  | black | | | Yamato Cream | 7[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.14 (36)** | **Time of female flowering** | | |  |  |
|  | very early | | |  | 1[ ] |
|  | very early to early | | |  | 2[ ] |
|  | early | | | Tiny Orchid | 3[ ] |
|  | early to medium | | |  | 4[ ] |
|  | medium | | | Sugar Baby, Yamato 3 | 5[ ] |
|  | medium to late | | |  | 6[ ] |
|  | late | | | Kurobe | 7[ ] |
|  | late to very late | | |  | 8[ ] |
|  | very late | | |  | 9[ ] |

[Annex IX follows]

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: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 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)** | **Plant: height** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Big Power | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Maxifort | 5[ ] |
|  | medium to tall | | |  | 6[ ] |
|  | tall | | | Beaufort | 7[ ] |
|  | tall to very tall | | |  | 8[ ] |
|  | very tall | | |  | 9[ ] |
| **5.~~1~~ 2 (11)** | **Fruit: green shoulder** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Big Force, Maxifort | 9[ ] |
| **5.3 (16)** | **Fruit: size** | | |  |  |
|  | not developed or very small | | | RT303 | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Body, Optifort | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Emperador | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Titron | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | |  | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~2~~ 4 (17)** | **Fruit: shape in longitudinal section** | | |  |  |
|  | broad oblate | | | He-Wolf | 1[ ] |
|  | narrow oblate | | | Gladiator | 2[ ] |
|  | circular | | | Maxifort | 3[ ] |
|  | obovate | | |  | 4[ ] |
| **5.~~3~~ 5 (18)** | **Fruit: number of locules** | | |  |  |
|  | only two | | | Maxifort | 1[ ] |
|  | two and three | | |  | 2[ ] |
| **5.~~4~~ 6 (19)** | **Fruit: color at maturity** | | |  |  |
|  | green | | | Big Force | 1[ ] |
|  | yellowish | | | Vigomax | 2[ ] |
|  | orangish | | | Titron | 3[ ] |
|  | reddish | | | Brigeor | 4[ ] |
| **5.7 (21)** | **Autonecrosis** | | |  |  |
|  | absent | | | Maxifort | 1[ ] |
|  | present | | | Body | 9[ ] |
| **5.~~5~~ 8 (22)** | **Resistance to *Meloidogyne incognita* (Mi)** | | |  |  |
|  | susceptible | | | Bruce | 1[ ] |
|  | moderately resistant | | |  | 2[ ] |
|  | highly resistant | | | Emperador | 3[ ] |
| **5.~~6~~ 9 (23)** | **Resistance to *Verticillium* sp*.* (Va and Vd) *-* Race 0** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Big Power | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.7 (24)** | **Resistance to *Fusarium oxysporum* f. sp*. lycopersici* (Fol)** | | |  |  |
| **5.8 (24.1)** | **Race 0EU/1US** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.9 (24.2)** | **Race 1EU/2US** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.10 (24.3)** | **Race 2EU/3US** | | |  |  |
|  | absent | | | Emperador | 1[ ] |
|  | present | | | Colosus | 9[ ] |
| **5.11 (25)** | **Resistance to** ***Fusarium oxysporum* f. sp*. radicis-lycopersici* (Forl)** | | |  |  |
|  | absent | | | Kemerit | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.12 (28)** | **Resistance to *Pyrenochaeta lycopersici* (Pl)** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
|  | not tested | | |  | [ ] |

[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)** | **Excluding varieties with growth type climber: Plant: growth habit** | | |  |  |
|  | upright | | | Poulhi008 (P) | 1[ ] |
|  | upright to semi upright | | |  | 2[ ] |
|  | semi upright | | | Tantasch (G); Korkallet (P) | 3[ ] |
|  | semi upright to intermediate | | |  | 4[ ] |
|  | intermediate | | | Poulkrid (G); Evera107 (P) | 5[ ] |
|  | intermediate to moderately spreading | | |  | 6[ ] |
|  | moderately spreading | | | Meibonrib (G) | 7[ ] |
|  | moderately spreading to strongly spreading | | |  | 8[ ] |
|  | strongly spreading | | | Korkilgwen (G) | 9[ ] |
| **5.3 (3)** | **Plant: height (during second flush)** | | |  |  |
|  | very short | | | Lenwiga (G) | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Noason (G) | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Macrexy (G); Ruiy5451 (C) | 5[ ] |
|  | medium to tall | | |  | 6[ ] |
|  | tall | | | Seliron (C); Tanakinom (G) | 7[ ] |
|  | tall to very tall | | |  | 8[ ] |
|  | very tall | | | Macyefre (G) | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.4 (6)** | **Stem: number of prickles (excluding very small and hair-like prickles)** | | |  |  |
|  | absent or very few | | | Ruiorg (G); Meibegil (P) | 1[ ] |
|  | very few to few | | |  | 2[ ] |
|  | few | | | Schremna (C); Kortionza (G); Poulcolop (P) | 3[ ] |
|  | few to medium | | |  | 4[ ] |
|  | medium | | | Selaurum (C); Bokramar (G); Kormisso (P) | 5[ ] |
|  | medium to many | | |  | 6[ ] |
|  | many | | | Meineble (G); Evera105 (P) | 7[ ] |
|  | many to very many | | |  | 8[ ] |
|  | very many | | | Deljam (G) | 9[ ] |
| **5.5 (7)** | **Prickles: pre­dominant color (as for 6)** | | |  |  |
|  | greenish | | | Presur (C); Kolmag (G); Poulcar (P) | 1[ ] |
|  | yellowish | | | Ruiy0775 (P) | 2[ ] |
|  | reddish | | | Bokrarug (G); Delpajor (P) | 3[ ] |
|  | purplish | | | Kornairol (G); Evera102 (P) | 4[ ] |
| **5.6 (8)** | **Leaf: size** | | |  |  |
|  | very small | | |  | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Predesplen (C); Kordenzen (G); Ruibrei (P) | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Pekcoujenny (C); Tantasch (G); Korrecalam (P) | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Poultime (G); Poulhi018 (P) | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | |  | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.7 (13)** | **Terminal leaflet: shape of blade** | | |  |  |
|  | narrow elliptic | | | Korverlandus (G); Ruiz29924 (P) | 1[ ] |
|  | medium elliptic | | | Korflapei (C); Meihuterb (G); Ruiz14914 (P) | 2[ ] |
|  | ovate | | | Interlis (C); Noahan (G); Evera102 (P) | 3[ ] |
|  | circular | | | Poulna (G) | 4[ ] |
| **5.8 (16)** | **Flowering shoot: flowering laterals** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | |  | 9[ ] |
| **5.9 (17)** | **Flowering shoot: number of flowering laterals** | | |  |  |
|  | very few | | |  | 1[ ] |
|  | very few to few | | |  | 2[ ] |
|  | few | | | Tanidrak (G); Poulra022 (P) | 3[ ] |
|  | few to medium | | |  | 4[ ] |
|  | medium | | | Dicentice (G); Poulhi019 (P) | 5[ ] |
|  | medium to many | | |  | 6[ ] |
|  | many | | | Korgazell (G); Ruiy0775 (P) | 7[ ] |
|  | many to very many | | |  | 8[ ] |
|  | very many | | | Korglolev (P) | 9[ ] |
| **5.10 (18)** | **Only varieties with no flowering laterals: Flowering shoot: number of flowers** | | |  |  |
|  | very few | | |  | 1[ ] |
|  | very few to few | | |  | 2[ ] |
|  | few | | |  | 3[ ] |
|  | few to medium | | |  | 4[ ] |
|  | medium | | |  | 5[ ] |
|  | medium to many | | |  | 6[ ] |
|  | many | | |  | 7[ ] |
|  | many to very many | | |  | 8[ ] |
|  | very many | | |  | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.11 (19)** | **Only varieties with flowering laterals: Flowering shoot: number of flowers per lateral** | | |  |  |
|  | very few | | | Somnip (G); Ruiklinko (P) | 1[ ] |
|  | very few to few | | |  | 2[ ] |
|  | few | | | Noaley (G); Korselug (P) | 3[ ] |
|  | few to medium | | |  | 4[ ] |
|  | medium | | | Poulanlis (G); Poulbao (P) | 5[ ] |
|  | medium to many | | |  | 6[ ] |
|  | many | | | TAN97274 (G); Ruitween (P) | 7[ ] |
|  | many to very many | | |  | 8[ ] |
|  | very many | | | Noamet (G); Poulra017 (P) | 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** | | |  |  |
|  | very few | | | Noala (G); Delmitaf (P) | 1[ ] |
|  | very few to few | | |  | 2[ ] |
|  | few | | | Predesplen (C); Tananilov (G); Korbersoma (P) | 3[ ] |
|  | few to medium | | |  | 4[ ] |
|  | medium | | | Ruiy5451 (C); Poulscots (G); Ruiklinko (P) | 5[ ] |
|  | medium to many | | |  | 6[ ] |
|  | many | | | Lexani (C); Ruiharl (G); Meiraktas (P) | 7[ ] |
|  | many to very many | | |  | 8[ ] |
|  | very many | | | Meiroupis (G); Poulwen (P) | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~3~~ 14 (23)** | **Flower: color group** | | |  |  |
|  | white or near white | | | Korcilmo (C); Meilontig (G); Poulra022 (P) | 1[ ] |
|  | white blend | | | Speclown (C); TAN98505 (C); TAN97123 (G); Rush (G) | 2[ ] |
|  | green | | | Nirpgreenl (C); Korewala (P) | 3[ ] |
|  | yellow | | | Korflapei (C); Poulyc004 (G); Delmitaf (P) | 4[ ] |
|  | yellow blend  (includes varieties which are primarily yellow, but show some tones of some other hues) | | | TAN00125 (C); Rumba (G); Ruiabri (P) | 5[ ] |
|  | orange | | | Alsever (P); Tanoranbon (G) | 6[ ] |
|  | orange blend (includes varieties which are primarily orange, but show some tones of some other hues) | | | Presur (C); Meishulo (P) | 7[ ] |
|  | pink | | | Schremeen3001 (C); Noasia (G); Korfonsova (P) | 8[ ] |
|  | pink blend (includes varieties which are primarily pink, but show some tones of some other hues) | | | Schremna (C); Korfeining (G); Poulmeno (P) | 9[ ] |
|  | red | | | Predepass (C); Noafeuer (G); Ruikenre (P) | 10[ ] |
|  | red blend (includes varieties which are primarily red, but show some tones of some other hues) | | | Meilambra (C); Interuspa (G); Delmigre (P) | 11[ ] |
|  | red purple | | | Nirpillpro (C); Poulac016 (P) | 12[ ] |
|  | purple | | | Olyung (C); Stebigpu (G) | 13[ ] |
|  | violet blend (includes varieties which are primarily violet but show some tones of some other hues (like mauve and/or lavender ) | | | Scholtec (C); Korflieder (P) | 14[ ] |
|  | brown blend (includes varieties which are primarily brown but show some tones of some other hues (like red) | | | Simcho (G) | 15[ ] |
|  | multicolored  (varieties with more than one color in sharply defined contrasting zones which are primarily contrasting multicolored only (not blend colors)) | | | Delmitaf (P) | 16[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.15 (24)** | **Only varieties with flower type: double: Flower: color of center** | | |  |  |
|  | green | | |  | 1[ ] |
|  | yellow | | |  | 2[ ] |
|  | orange | | |  | 3[ ] |
|  | pink | | |  | 4[ ] |
|  | red | | |  | 5[ ] |
|  | purple | | |  | 6[ ] |
| **5.~~4~~ 16 (26)** | **Flower: diameter** | | |  |  |
|  | very small | | | Noastrauss (G); Poulset (P) | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Interlis (C); Clb.canibo 82 (G); Meiraktas (P) | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Schremna (C); Poulberg (G); Ruiz1491 (P) | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Selaurum (C); Adesmanod (G); Korewala (P) | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | | Koranderer (G); Evera116 (P) | 9[ ] |
| **5.17 (27)** | **Flower: shape** | | |  |  |
|  | round | | | Ruirovingt (C); Meiouscki (G); Evera101 (P) | 1[ ] |
|  | irregularly rounded | | | Ruyi5451 (C); Kormarec (G); Korkallet (P) | 2[ ] |
|  | star-shaped | | | Predesplen (C); Anakissi (G);  Poulra023 (P) | 3[ ] |
| **5.18 (30)** | **Flower: fragrance** | | |  |  |
|  | absent or weak | | | Predesplen (C); Ruimats (G); Evera107 (P) | 1[ ] |
|  | medium | | | Poulsolo (G); Korduftoro (P) | 2[ ] |
|  | strong | | | Tananilov (G) | 3[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.19 (33)** | **Petal: shape** | | |  |  |
|  | elliptic | | |  | 1[ ] |
|  | transverse elliptic | | | Selaurum (C) | 2[ ] |
|  | obovate | | | Korcilmo (C) | 3[ ] |
|  | obcordate | | |  | 4[ ] |
|  | rounded | | | Schremna (C); Meihecluz (G); Poulac002 (P) | 5[ ] |
| **5.20 (38)** | **Petal: length** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Interlis (C) | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Predesplen (C) | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Selaurum  (C) | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | |  | 9[ ] |
| **5.~~5~~ 21 (40)** | **Petal: number of colors on inner side (basal spot excluded)** | | |  |  |
|  | one | | | Selaurum (C), TAN98130 (G); Ruibrei (P) | 1[ ] |
|  | two | | | Baipeace (G); Delki (P) | 2[ ] |
|  | more than two | | | Delstrisang (G) | 3[ ] |
| **5.22 (42)** | **Petal: main color on the inner side (main color is that with largest surface area)** | | |  |  |
|  | RHS Colour Chart (indicate reference number) | | |  |  |
| **5.23 (43)** | **Only varieties with two or more colors on inner side of petal: Petal: secondary color (basal spot excluded)** | | |  |  |
|  | RHS Colour Chart (indicate 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 | | | Delstrisang (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 | | | Korparesni (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[ ] |

[Annex XI follows]

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

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

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

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| |  |  |  | | --- | --- | --- | | 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 | | | (w) Apache, (s) Granary | | |  | | --- | | 2 [   ] | | |
|  | | |  | | --- | | awns present | | | (w) Solehio, (s) Sensas | | |  | | --- | | 3 [   ] | | |
| |  | | --- | | **5.~~6~~ 8** |  |  | | --- | | **(19)** | | | |  | | --- | | **Ear: color** | | |  | |  | |
|  | | |  | | --- | | white | | | (w) Solehio, (s) Granary | | |  | | --- | | 1 [   ] | | |
|  | | |  | | --- | | colored | | | (w) Sertori, (s) Bastian | | |  | | --- | | 2 [   ] | | |
| **5.9 (26)** | | |  | | --- | | **Lower glume: area of hairiness on internal surface** | | |  | |  | |
|  | | very small | | (w) Lupus | | |  | | --- | | 1 [   ] | | |
|  | | small | |  | | |  | | --- | | 2 [   ] | | |
|  | | medium | | (w) Solehio, (s) KWS Scirocco | | |  | | --- | | 3 [   ] | | |
|  | | large | |  | | |  | | --- | | 4 [   ] | | |
|  | | very large | | (w) Apache, (s) Lennox | | |  | | --- | | 5 [   ] | | |
| |  | | --- | | **5.~~7~~ 10** |  |  | | --- | | **(27)** | | | |  | | --- | | **Seasonal type** | | |  | |  | |
|  | | |  | | --- | | winter type | | | |  | | --- | | (w) Solehio | | | |  | | --- | | 1 [   ] | | |
|  | | |  | | --- | | alternative type | | | |  | | --- | | (w) SY Moisson | | | |  | | --- | | 2 [   ] | | |
|  | | |  | | --- | | spring type | | | |  | | --- | | (s) Lennox | | | |  | | --- | | 3 [   ] | | |

[End of Annex XI and of document]