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

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| Technical CommitteeFifty-Seventh SessionGeneva, October 25 and 26, 2021 | TC/57/21Original: EnglishDate: September 4, 2021 |

Partial revision of the Test Guidelines for Japanese Plum

Document prepared by the Office of the Union

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 The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Japanese Plum (document TG/84/4 Corr. 2 Rev.).

 The background to the proposed partial revision of the Test Guidelines for Japanese Plum is presented in document TC/57/2 “Test Guidelines”.

 The Technical Working Party for Fruit Crops (TWF), at its fifty-second session[[1]](#footnote-2), considered a proposal for a partial revision of the Technical Questionnaire (TQ) of the Test Guidelines for Japanese Plum (*Prunus salicina* Lindl.) on the basis of document TWP/5/13 “Revision of Test Guidelines”, paragraph 17 and Annex XIV. The TWF agreed to propose the inclusion of the following characteristics in the TQ (characteristics for inclusion indicated in highlight and underline) (see document TWF/52/10 “Report”, paragraph 88):

|  |  |  |
| --- | --- | --- |
| **Char. No.** | **(\*)** | **Characteristic Name** |
| 2 |  | Tree: vigor |
| 5 |  | Spur: length |
| 12 | (\*) | Leaf blade: shape |
| 14 | (\*) | Leaf blade: angle of apex (excluding tip) |
| 20 | (\*) | Pedicel: length |
| 21 |  | Flower: diameter |
| 29 | (\*) | Fruit: size |
| 32 | (\*) | Fruit: shape in lateral view |
| 40 | (\*) | Fruit: ground color of skin |
| 42 | (\*) | Fruit: over color of skin |
| 46 | (\*) | Fruit: color of flesh |
| 51 | (\*) | Fruit: adherence of stone to flesh |
| 53 | (\*) | Stone: size |
| 60 | (\*) | Time of beginning of flowering |
| 61 | (\*) | Time of beginning of fruit ripening |

 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)** | **Tree: vigor** |  |  |
|  | weak |  | 1[ ] |
|  | very weak to weak |  | 2[ ] |
|  | weak | Black Gold, Satsuma | 3[ ] |
|  | weak to medium |  | 4[ ] |
|  | medium | Autumn Giant, Suplumeleven | 5[ ] |
|  | medium to strong |  | 6[ ] |
|  | strong | Robusto, Royal Diamond, Taiyou | 7[ ] |
|  | strong to very strong |  | 8[ ] |
|  | very strong |  | 9[ ] |
| **5.2(5)** | **Spur: length** |  |  |
|  | very short |  | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Laroda, Sordum | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Frontier | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | October Purple | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long |  | 9[ ] |
| **5.3(12)** | **Leaf blade: shape**  |  |  |
|  | ovate |  | 1[ ] |
|  | elliptic | Black Gold, October Purple, Syokou, Taiyou | 2[ ] |
|  | obovate  | Kanro, Kelsey | 3[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.4(14)** | **Leaf blade: angle of apex (excluding tip)** |  |  |
|  | acute | Ozark Premier, Taiyou  | 1[ ] |
|  | right angled | Satsuma | 2[ ] |
|  | obtuse | Methley | 3[ ] |
| **5.5(20)** | **Pedicel: length** |  |  |
|  | very short |  | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Methley | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Queen Ann, Shiro | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Red Ace, Taiyou | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long |  | 9[ ] |
| **5.6(21)** | **Flower: diameter** |  |  |
|  | very small |  | 1[ ] |
|  | very small to small |  | 2[ ] |
|  | small | Black Gold, Nubiana | 3[ ] |
|  | small to medium |  | 4[ ] |
|  | medium | October Purple, Shiro, Taiyou | 5[ ] |
|  | medium to large |  | 6[ ] |
|  | large | Kiyou, Methley, Ozark Premier | 7[ ] |
|  | large to very large |  | 8[ ] |
|  | very large |  | 9[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.~~1~~ 7(29)** | **Fruit: size** |  |  |
|  | very small | Methley | 1[ ] |
|  | very small to small |  | 2[ ] |
|  | small | Allo, Eldorado | 3[ ] |
|  | small to medium |  | 4[ ] |
|  | medium | Shiro | 5[ ] |
|  | medium to large |  | 6[ ] |
|  | large | Angeleno, Taiyou | 7[ ] |
|  | large to very large |  | 8[ ] |
|  | very large | Songold | 9[ ] |
| **5.8(32)** | **Fruit: shape in lateral view** |  |  |
|  | oblong | Reubennel | 1[ ] |
|  | elliptic | Ozark Premier, Taiyou | 2[ ] |
|  | circular  | Red Beauty, Shiro | 3[ ] |
|  | oblate | Friar | 4[ ] |
|  | cordate | Morettini 355 | 5[ ] |
|  | obovate |  | 6[ ] |
|  | obcordate  | Santa Rosa | 7[ ] |
| **5.~~2~~ 9 (40)** | **Fruit: ground color of skin** |  |  |
|  | not visible | Angeleno | 1[ ] |
|  | green | Gaviota, Santa Rosa | 2[ ] |
|  | yellowish-green | Songold, Taiyou | 3[ ] |
|  | yellow | Shiro | 4[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.~~3~~ 10 (42)** | **Fruit: over color of skin** |  |  |
|  | yellow | Golden Japan | 1[ ] |
|  | orange yellow | Formosa | 2[ ] |
|  | red | Red Beauty | 3[ ] |
|  | purple | Starking Delicious, Taiyou | 4[ ] |
|  | violet blue | Karari, Morettini 355 | 5[ ] |
|  | dark blue | Black Amber | 6[ ] |
|  | black | Angeleno | 7[ ] |
| **5.~~4~~ 11 (46)** | **Fruit: color of flesh** |  |  |
|  | whitish | Taiyou | 1[ ] |
|  | green | Reina Claudia | 2[ ] |
|  | yellowish green | Shiro | 3[ ] |
|  | yellow | Angeleno, Golden Japan, Reubennel | 4[ ] |
|  | orange | Black Amber, Sun Gold | 5[ ] |
|  | medium red | Satsuma, Sordum | 6[ ] |
|  | dark red | Beauty, Hawera, Karari, Stark Delicious | 7[ ] |
|  | purplish | Sangue di Drago | 8[ ] |
| **5.12(51)** | **Fruit: adherence of stone to flesh** |  |  |
|  | non-adherent | Fortune | 1[ ] |
|  | semi-adherent | Nubiana, Taiyou | 2[ ] |
|  | adherent | Shiro, Sungold | 3[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.13(53)** | **Stone: size** |  |  |
|  | very small |  | 1[ ] |
|  | very small to small |  | 2[ ] |
|  | small | Angeleno, Eldorado | 3[ ] |
|  | small to medium |  | 4[ ] |
|  | medium | Taiyou, Wickson | 5[ ] |
|  | medium to large |  | 6[ ] |
|  | large | Freedom | 7[ ] |
|  | large to very large |  | 8[ ] |
|  | very large |  | 9[ ] |
| **5.~~5~~ 14 (60)** | **Time of beginning of flowering** |  |  |
|  | very early | Durado, Karari, Red Beauty  | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Fortune, Mariposa, Taiyou | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Green Sun, Nubiana | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Gaviota, Shiro | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late | Angeleno, Simka | 9[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.~~6~~ 15 (61)** | **Time of beginning of fruit ripening** |  |  |
|  | very early | Beauty, Durado, Red Noble | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Mariposa, Shiro | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Black Gold, Gaviota | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Angeleno, Nubiana, Taiyou | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late | Akihime, Autumn Giant, Golden King | 9[ ] |

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1. hosted by China and organized by electronic means, from July 12 to 16, 2021 [↑](#footnote-ref-2)