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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/57/23Original: EnglishDate: September 4, 2021 |

Partial revision of the Test Guidelines for Prunus Rootstocks

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 Prunus Rootstocks (document TG/187/2).

 The background to the proposed partial revision of the Test Guidelines for Prunus Rootstocks 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 Prunus Rootstocks (*Prunus* L.) on the basis of document TWP/5/13 “Revision of Test Guidelines”, paragraph 17 and Annex XVI. 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** |
| 1 | (\*) | Plant: vigor |
| 2 | (\*) | Plant: habit |
| 4 |  | One-year-old shoot: thickness |
| 15 | (\*) | Leaf blade: length |
| 16 |  | Leaf blade: width |
| 18 | (\*) | Leaf blade: shape |
| 22 | (\*) | Leaf blade: color of upper side |
| 25 | (\*) | Leaf blade: incisions of margin |
| 32 | (\*) | Leaf: presence of nectaries |

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

| TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: |
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|  |  |  |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). |
|  | Characteristics | Example Varieties | Note |
| **5.1(1)** | **Plant: vigor** |  |  |
|  | weak | Edabriz, Ferlenain, Pumiselekt | 1[ ] |
|  | weak to medium |  | 2[ ] |
|  | medium | Brokforest, GF 305, GM 61/1, Rubira, Ute | 3[ ] |
|  | medium to strong |  | 4[ ] |
|  | strong | Alkavo, Hamyra, MF 12/1 | 5[ ] |
| **5.2(2)** | **Plant: habit** |  |  |
|  | upright | Colt, Prudom  | 1[ ] |
|  | upright to spreading |  | 2[ ] |
|  | spreading | Gisela 5  | 3[ ] |
|  | spreading to drooping |  | 4[ ] |
|  | drooping | Prunus besseyi  | 5[ ] |
| **5.3(4)** | **One-year-old shoot: thickness** |  |  |
|  | thin | Edabriz, Gisela 5, Hamyra | 1[ ] |
|  | thin to medium |  | 2[ ] |
|  | medium | Colt, GF 655-2, Pixy | 3[ ] |
|  | medium to thick |  | 4[ ] |
|  | thick | Brooks-60, MF 12/1 | 5[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.~~2~~ 4(15)** | **Leaf blade: length** |  |  |
|  | very short | Myrobalan B  | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Edabriz, Weito T 6 | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Piku 1  | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | MF 12/1  | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | GF 677  | 9[ ] |
| **5.5(16)** | **Leaf blade: width** |  |  |
|  | very narrow | GF 677 | 1[ ] |
|  | very narrow to narrow |  | 2[ ] |
|  | narrow | Myrobalan B | 3[ ] |
|  | narrow to medium |  | 4[ ] |
|  | medium | Fereley, Weito T6  | 5[ ] |
|  | medium to broad |  | 6[ ] |
|  | broad | Brooks-60, MF 12/1 | 7[ ] |
|  | broad to very broad |  | 8[ ] |
|  | very broad | Colt | 9[ ] |
| **5.~~3~~ 6(18)** | Leaf blade: shape |  |  |
|  | broad ovate | Edabriz, Gisela 5  | 1[ ] |
|  | medium ovate | Greenpac  | 2[ ] |
|  | circular | Adara, Hamyra, Prudom, SL 64 | 3[ ] |
|  | medium elliptic  | Colt, Fereley, Pixy  | 4[ ] |
|  | narrow elliptic | GF 677, Pumiselekt  | 5[ ] |
|  | obovate | Weiroot 158 | 6[ ] |
|  | Characteristics | Example Varieties | Note |
| **5.~~4~~ 7(22)** | **Leaf blade: color of upper side** |  |  |
|  | medium green | Gisela 5, Hamyra, Pixy, Pumiselekt  | 1[ ] |
|  | dark green | Colt  | 2[ ] |
|  | red | Citation  | 3[ ] |
|  | reddish brown | Rubira  | 4[ ] |
| **5.~~5~~ 8(25)** | **Leaf blade: incisions of margin** |  |  |
|  | crenate | Pixy  | 1[ ] |
|  | crenate and serrate | Adesoto, GF 1869  | 2[ ] |
|  | serrate | Gisela 5, Hamyra, VVA 1, Wangenheim  | 3[ ] |
| **5.9(32)** | **Leaf: presence of nectaries** |  |  |
|  | absent | Ferlenain | 1[ ] |
|  | present | GF 677, Pixy, St. Julien A, Weito T 6 | 9[ ] |

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