

Technical Committee

TC/57/23

Fifty-Seventh Session
Geneva, October 25 and 26, 2021**Original:** English
Date: September 4, 2021**PARTIAL REVISION OF THE TEST GUIDELINES FOR PRUNUS ROOTSTOCKS***Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

1. 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).
2. The background to the proposed partial revision of the Test Guidelines for Prunus Rootstocks is presented in document TC/57/2 “Test Guidelines”.
3. The Technical Working Party for Fruit Crops (TWF), at its fifty-second session¹, 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	(*)	<u>Plant: habit</u>
4		<u>One-year-old shoot: thickness</u>
15	(*)	Leaf blade: length
16		<u>Leaf blade: width</u>
18	(*)	Leaf blade: shape
22	(*)	Leaf blade: color of upper side
25	(*)	Leaf blade: incisions of margin
32	(*)	<u>Leaf: presence of nectaries</u>

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

¹ hosted by China and organized by electronic means, from July 12 to 16, 2021

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

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

TECHNICAL QUESTIONNAIRE		Page {x} of {y}	Reference Number:
Characteristics	Example Varieties	Note	
5.4 <u>7</u> (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 <u>8</u> (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 <u>(32)</u> <u>Leaf: presence of nectaries</u>			
<u>absent</u>	<u>Ferlenain</u>	<u>1[]</u>	
<u>present</u>	<u>GF 677, Pixy, St. Julien A, Weito T 6</u>	<u>9[]</u>	

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