

Technical Committee

TC/57/21

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PARTIAL REVISION OF THE TEST GUIDELINES FOR JAPANESE PLUM

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1. 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.).
2. The background to the proposed partial revision of the Test Guidelines for Japanese Plum 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 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		<u>Tree: vigor</u>
5		<u>Spur: length</u>
12	(*)	<u>Leaf blade: shape</u>
14	(*)	<u>Leaf blade: angle of apex (excluding tip)</u>
20	(*)	<u>Pedicel: length</u>
21		<u>Flower: diameter</u>
29	(*)	Fruit: size
32	(*)	<u>Fruit: shape in lateral view</u>
40	(*)	Fruit: ground color of skin
42	(*)	Fruit: over color of skin
46	(*)	Fruit: color of flesh
51	(*)	<u>Fruit: adherence of stone to flesh</u>
53	(*)	<u>Stone: size</u>
60	(*)	Time of beginning of flowering
61	(*)	Time of beginning of fruit ripening

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

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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 Tree: vigor (2)		
<u>weak</u>		1 []
<u>very weak to weak</u>		2 []
<u>weak</u>	<u>Black Gold, Satsuma</u>	3 []
<u>weak to medium</u>		4 []
<u>medium</u>	<u>Autumn Giant, Suplumeleven</u>	5 []
<u>medium to strong</u>		6 []
<u>strong</u>	<u>Robusto, Royal Diamond, Taiyou</u>	7 []
<u>strong to very strong</u>		8 []
<u>very strong</u>		9 []
5.2 Spur: length (5)		
<u>very short</u>		1 []
<u>very short to short</u>		2 []
<u>short</u>	<u>Laroda, Sordum</u>	3 []
<u>short to medium</u>		4 []
<u>medium</u>	<u>Frontier</u>	5 []
<u>medium to long</u>		6 []
<u>long</u>	<u>October Purple</u>	7 []
<u>long to very long</u>		8 []
<u>very long</u>		9 []
5.3 Leaf blade: shape (12)		
<u>ovate</u>		1 []
<u>elliptic</u>	<u>Black Gold, October Purple, Syokou, Taiyou</u>	2 []
<u>obovate</u>	<u>Kanro, Kelsey</u>	3 []

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

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Characteristics	Example Varieties	Note
5.4 7 (29)		
very small	Methley	1[]
very small to small		2[]
small	Allo, Eldorado	3[]
small to medium		4[]
medium	Shiro	5[]
medium to large		6[]
large	Angeleno, Taiyou	7[]
large to very large		8[]
very large	Songold	9[]
5.8 (32)		
Fruit: shape in lateral view		
<u>oblong</u>	<u>Reubennel</u>	<u>1[]</u>
<u>elliptic</u>	<u>Ozark Premier, Taiyou</u>	<u>2[]</u>
<u>circular</u>	<u>Red Beauty, Shiro</u>	<u>3[]</u>
<u>oblate</u>	<u>Friar</u>	<u>4[]</u>
<u>cordate</u>	<u>Morettini 355</u>	<u>5[]</u>
<u>obovate</u>		<u>6[]</u>
<u>obcordate</u>	<u>Santa Rosa</u>	<u>7[]</u>
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[]

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

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

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

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