

## Technical Working Party for Fruit Crops

TWF/53/8

Fifty-Third Session  
Virtual meeting, July 11 to 15, 2022

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## PARTIAL REVISION OF THE TEST GUIDELINES FOR BLUEBERRY

*Document prepared by an expert from Australia*

*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 Blueberry (document TG/137/5).

2. The TC, at its fifty-seventh session, held via electronic means on October 25 and 26, 2021, agreed to request a partial revision of the Test Guidelines for Blueberry (document TG/137/5) to be considered by the TWF, at its session in 2022, with Ms. Nahida Bhuiyan (Australia) as Leading Expert and revision of the following elements (see document TC/57/25 “Report”, paragraph 107):

- (a) Expansion of the scope to include *Vaccinium darrowii* Camp and *Vaccinium uliginosum* L.:
  - In the box on the cover page
  - In the table indicating alternative names
  - In Chapter 1 “Subject of these Test Guidelines”
  - In Chapter 10 “Technical Questionnaire”, Section 1 “Subject of the Technical Questionnaire”;
- (b) Char. 14 “Flower: shape of corolla”: to delete example variety ‘Ridley’ from note 2 and replace it with “DrisBlueSeven”;
- (c) Ad. 8: to replace the illustration for the state of expression “lanceolate”

3. The proposed changes are presented below in highlight and underline (insertion) and ~~striketrough~~ (deletion).

Proposal to extend the scope include *Vaccinium darrowii*

*In the box on the cover page*

**BLUEBERRY**

UPOV Code(s): VACCI\_AMC; VACCI\_ANG; VACCI\_CAN; VACCI\_CAV;  
VACCI\_COR; VACCI\_DAR; VACCI\_FOR; VACCI\_MYD; VACCI\_MYR; VACCI\_SIM;  
VACCI\_ULI; VACCI\_VIR

*Vaccinium angustifolium* x *Vaccinium myrsinites* x *Vaccinium corymbosum*;  
*Vaccinium angustifolium* Aiton;

Hybrids between *Vaccinium corymbosum* and *Vaccinium angustifolium*;

*Vaccinium corymbosum* x *Vaccinium angustifolium* x *Vaccinium virgatum*;

*Vaccinium corymbosum* L.;

*Vaccinium darrowii* Camp.

*Vaccinium formosum* Andrews;

*Vaccinium myrtilloides* Michx.;

*Vaccinium myrtillus* L.;

*Vaccinium simulatum* Small;

*Vaccinium uliginosum* L.;

*Vaccinium virgatum* Aiton

In the table indicating alternative names

Alternative names:\*

Botanical name	English	French	German	Spanish
<i>Vaccinium angustifolium</i> x <i>Vaccinium myrsinites</i> x <i>Vaccinium corymbosum</i>				
<i>Vaccinium angustifolium</i> Aiton, <i>V. angustifolium</i> var. <i>hypolasium</i> Fernald, <i>V. angustifolium</i> var. <i>laevifolium</i> House, <i>V. angustifolium</i> var. <i>nigrum</i> (Alph. Wood) Dole, <i>V. brittonii</i> Porter ex E. P. Bicknell, <i>V. lamarckii</i> Camp, <i>V. pennsylvanicum</i> Lam., <i>V. pennsylvanicum</i> var. <i>nigrum</i> Alph. Wood	Lowbush Blueberry, Upland lowbush blueberry			
Hybrids between <i>Vaccinium corymbosum</i> and <i>Vaccinium</i> <i>angustifolium</i> , <i>V. angustifolium</i> x <i>V. corymbosum</i> , <i>V. corymbosum</i> x <i>V. angustifolium</i>				
<i>Vaccinium corymbosum</i> x <i>Vaccinium angustifolium</i> x <i>Vaccinium virgatum</i>				
<i>Vaccinium corymbosum</i> L., <i>V. atlanticum</i> E. P. Bicknell, <i>V. constablaei</i> A. Gray	Blueberry, High Bush Blueberry	Myrtille, Myrtille en Corymbe, Myrtille américaine, Myrtille arbustive	Amerikanische Heidelbeere, Kulturheidelbeere	Arándano americano
<i>Vaccinium darrowii</i> Camp	Darrow's blueberry, Darrow's evergreen blueberry			
<i>Vaccinium formosum</i> Andrews, <i>V. australe</i> Small	Swamp Highbush Blueberry			
<i>Vaccinium myrtilloides</i> Michx., <i>V. canadense</i> Kalm ex Richardson	Canada blueberry, Sourtop blueberry, Velvetleaf blueberry		Kanadische Heidelbeere	
<i>Vaccinium myrtillus</i> L., <i>V. yatabei</i> Makino	Bilberry, Blueberry, Whinberry, Whortleberry	Myrtille	Blaubeere, Heidelbeere	Arándano, Mirtillo
<i>Vaccinium simulatum</i> Small				
<i>Vaccinium uliginosum</i> L.	Bog Blueberry			
<i>Vaccinium virgatum</i> Aiton, <i>V. amoenum</i> Aiton, <i>V. ashei</i> J. M. Reade	Rabbit-eye blueberry, Southern black blueberry			

*In Chapter 1 “Subject of these Test Guidelines”*

1. Subject of these Test Guidelines
- 1.1 These Test Guidelines apply to all varieties of *Vaccinium angustifolium* x *Vaccinium myrsinites* x *Vaccinium corymbosum*, *Vaccinium angustifolium* Aiton, Hybrids between *Vaccinium corymbosum* and *Vaccinium angustifolium*, *Vaccinium corymbosum* x *Vaccinium angustifolium* x *Vaccinium virgatum*, *Vaccinium corymbosum* L., *Vaccinium darrowii* Camp., *Vaccinium formosum* Andrews, *Vaccinium myrtilloides* Michx., *Vaccinium myrtillus* L., *Vaccinium simulatum* Smal and, *Vaccinium uliginosum* L. and *Vaccinium virgatum* Aiton.
- 1.2 Guidance on the use of Test Guidelines for interspecific hybrids that are not explicitly covered by Test Guidelines is provided in document TGP/13 “Guidance for New Types and Species”.
- 1.3 In the case of ornamental varieties, in particular, it may be necessary to use additional characteristics or additional states of expression to those included in the Table of Characteristics in order to examine Distinctness, Uniformity and Stability.

In Chapter 10 "Technical Questionnaire", Section 1 "Subject of the Technical Questionnaire"

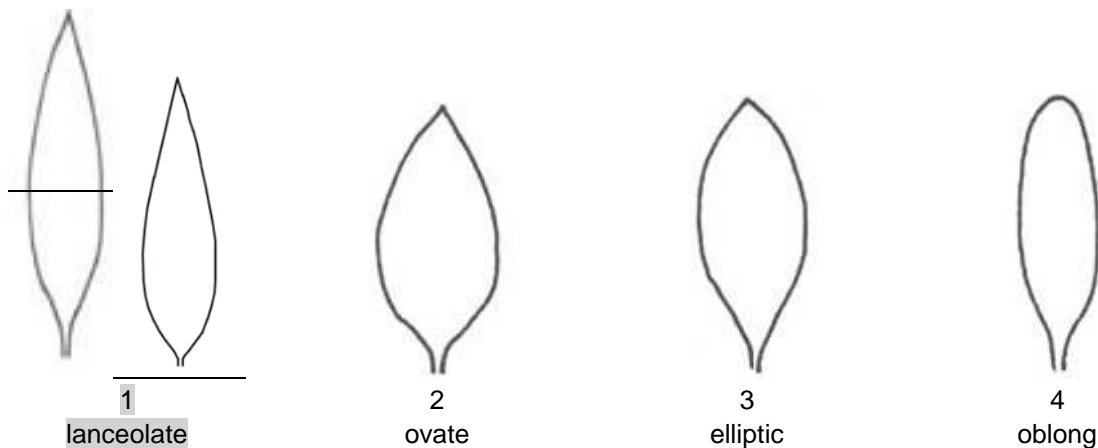
10. Technical Questionnaire

TECHNICAL QUESTIONNAIRE	Page {x} of {y}	Reference Number:
		Application date: (not to be filled in by the applicant)
<b>TECHNICAL QUESTIONNAIRE</b> to be completed in connection with an application for plant breeders' rights		
1. Subject of the Technical Questionnaire		
1.1.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium angustifolium x V. myrsinites x V. corymbosum"/> <span style="float: right;">[ ]</span>
1.1.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text"/>
1.2.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium angustifolium Aiton"/> <span style="float: right;">[ ]</span>
1.2.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Lowbush Blueberry, Upland lowbush blueberry"/>
1.3.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Hybrids between Vaccinium corymbosum and Vaccinium angustifolium"/> <span style="float: right;">[ ]</span>
1.3.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text"/>
1.4.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium corymbosum x V. angustifolium x V. virgatum"/> <span style="float: right;">[ ]</span>
1.4.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text"/>
1.5.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium corymbosum L."/> <span style="float: right;">[ ]</span>
1.5.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Blueberry, High Bush Blueberry"/>
<u>1.6.1</u>	<u>Botanical name</u>	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium darrowii Camp"/> <span style="float: right;">[ ]</span>
<u>1.6.2</u>	<u>Common name</u>	<input style="width: 90%; border: 1px solid black;" type="text" value="Darrow's blueberry, Darrow's evergreen blueberry"/>
1.7.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium formosum Andrews"/> <span style="float: right;">[ ]</span>
1.7.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Swamp Highbush Blueberry"/>
1.8.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium myrtilloides Michx."/> <span style="float: right;">[ ]</span>
1.8.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Canada blueberry; Sourtop blueberry; Velvetleaf blueberry"/>
1.9.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium myrtillus L."/> <span style="float: right;">[ ]</span>
1.9.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Bilberry, Blueberry, Whinberry, Whortleberry"/>
1.10.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium simulatum Small"/> <span style="float: right;">[ ]</span>
1.10.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text"/>
1.11.1	Botanical name	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium virgatum Aiton"/> <span style="float: right;">[ ]</span>
1.11.2	Common name	<input style="width: 90%; border: 1px solid black;" type="text" value="Rabbit-eye blueberry, Southern black blueberry"/>
<u>1.12.1</u>	<u>Botanical name</u>	<input style="width: 90%; border: 1px solid black;" type="text" value="Vaccinium uliginosum L."/> <span style="float: right;">[ ]</span>
<u>1.12.2</u>	<u>Common name</u>	<input style="width: 90%; border: 1px solid black;" type="text" value="Bog Blueberry"/>

Proposal to delete example variety 'Ridley' from note 2 of Characteristic 14 "Flower: shape of corolla" and replace it with "DrisBlueSeven"

14.	PQ	VG	(+)	(c)		
	<b>Flower: shape of corolla</b>	<b>Fleur : forme de la corolle</b>	<b>Blüte: Form der Krone</b>	<b>Flor: forma de la corola</b>		
	globose	globuleuse	kugelförmig	globosa	EB 12-19 (L), Farthing (L)	1
	ellipsoid	ellipsoïde	ellipsoid	elipsoidal	Ridley (L) DrisBlueSeven	2
	cylindric	cylindrique	zylindrisch	cilíndrica	Reka (H)	3
	ovoid	ovoïde	eiförmig	ovoidal		4
	urceolate	urcéolée	urnenförmig	urceolada	Maru (L)	5
	campanulate	campanulée	glockenförmig	acampanada	Magnolia (L), Scintilla (L), Velluto Blue (H), Victoria (L)	6

Proposal to replace the illustration for the state of expression "lanceolate" in Ad. 8 "Leaf: shape"



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