### **Technical Working Party for Fruit Crops**

TWF/54/11

Fifty-Fourth Session Nîmes, France, July 3 to 7, 2023 Original: English Date: June 9, 2023

## PARTIAL REVISION OF THE TEST GUIDELINES FOR BLUEBERRY

Document prepared by an expert from Australia and New Zealand

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 Rev).

2. The Technical Working Party for Fruit Crops (TWF), at its fifty-third session<sup>1</sup>, agreed that the Test Guidelines for Blueberry be partially revised (see document TWF/53/14 "Report", Annex II).

- 3. The following changes are proposed:
  - (a) Addition of a new characteristic "Leaf blade: hair density on lower side" after characteristic 9 "Leaf: color of upper side";
  - (b) Addition of a new characteristic "Fruit: height/width ratio" after characteristic 23 "Fruit: shape in longitudinal section";
  - (c) Revision of characteristic "Fruit: attitude of sepals";
  - (d) Addition of a new characteristic "Time of beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only)" after characteristic 35 "Time of beginning of flowering on current season's shoot".

4. The proposed changes are presented below in highlight and <u>underline</u> (insertion) and strikethrough (deletion).

Proposal to add a new characteristic "Leaf blade: hair density on lower side" after characteristic 9 "Leaf: color of upper side"

|     | English                                   | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|-----|---|----------|---------|---------|--|---------------|
| NEW |   |          |         |         |  |               |
|     | Leaf blade: hair<br>density on lower side |          |         |         |  |               |
|     | absent or very sparse                     |          |         |         | Bluecrop   | 1             |
|     | sparse                                    |          |         |         | St. Cloud  | 3             |
|     | medium                                    |          |         |         | Blomidon   | 5             |
|     | dense                                     |          |         |         | Northblue  | 7             |
|     | very dense                                |          |         |         |  | 9             |

<sup>&</sup>lt;sup>1</sup> organized by electronic means, from July 11 to 15, 2022

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# Proposal to add a new characteristic "Fruit: height/width ratio" after characteristic 23 "Fruit: shape in longitudinal section"

|     | English                      | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|-----|------------------------------|----------|---------|---------|--|---------------|
| NEW |                              |          |         |         |  |               |
|     | Fruit: height/width<br>ratio |          |         |         |  |               |
|     | low                          |          |         |         | DrisBlueThirteen   | 1             |
|     | low to medium                |          |         |         | Palmetto   | 2             |
|     | medium                       |          |         |         | Jubilee  | 3             |
|     | medium to high               |          |         |         | Primadonna   | 4             |
|     | high                         |          |         |         |  | 5             |

## Proposal to revise characteristic 24 "Fruit: attitude of sepals"

## Current wording

|     |                           | English |                   | français      | deutsch                             | español                        | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|-----|---------------------------|---------|-------------------|---------------|-------------------------------------|--------------------------------|--|---------------|
| 24. | QN                        | VG      |                   | (d)           |                                     |                                |  |               |
|     | Fruit: attitude of sepals |         | Fruit :<br>sépale | port des<br>s | Frucht: Haltung der<br>Kelchblätter | Fruto: porte de los<br>sépalos |  |               |
|     | incurve                   | ed      | incurvé           |               | aufgebogen                          | incurvados                     | Delite (L)   | 1             |
|     | straigh                   | t       | droit             |               | gerade                              | rectos                         | Powderblue (L)   | 2             |
|     | reflexe                   | d       | récurvé           | ò             | zurückgebogen                       | recurvados                     | Tifblue (L)  | 3             |

Proposed new wording

|     |  | English |                  | français | deutsch   | español  | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|-----|--|---------|------------------|----------|---|--|--|---------------|
| 24. | QN VG  |         |                  | (d)      |   |  |  |               |
|     | Fruit: attitude type of sepals incurved straight |         |                  |          | Frucht: <del>Haltung</del> <u>Typ</u><br>der Kelchblätter | Fruto: <del>porte de los</del><br><u>tipo de</u> sépalos |  |               |
|     |  |         | incurvé<br>droit |          | aufgebogen  | incurvado <del>s</del>                                   | Delite (L)   | 1             |
|     |  |         |                  |          | gerade  | recto <del>s</del>                                       | Powderblue (L)   | 2             |
|     | reflexe  | d       | récurvé          | ý        | zurückgebogen   | recurvado <del>s</del>                                   | Tifblue (L)  | 3             |

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Proposal to add a new characteristic "Time of beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only)" after characteristic 35 "Time of beginning of flowering on current season's shoot"

|     | English   | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|-----|---|----------|---------|---------|--|---------------|
| NEW |   |          |         |         |  |               |
|     | Time of beginning of<br>flowering on current<br>year's shoot (varieties<br>which fruit on one-<br>year-old and current<br>season's shoots only) |          |         |         |  |               |
|     | very early  |          |         |         |  | 1             |
|     | very early to early   |          |         |         |  | 2             |
|     | early   |          |         |         |  | 3             |
|     | early to early medium   |          |         |         |  | 4             |
|     | early medium to medium  |          |         |         |  | 5             |
|     | medium  |          |         |         |  | 6             |
|     | medium to late  |          |         |         |  | 7             |
|     | medium late to late   |          |         |         |  | 8             |
|     | late  |          |         |         |  | 9             |
|     | late to very late   |          |         |         |  | 10            |
|     | very late   |          |         |         |  | 11            |

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