



TWV/45/19

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

TECHNICAL WORKING PARTY FOR VEGETABLES

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TEST GUIDELINES FOR CASSAVA

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1. At its fortieth session, held in Brasilia, Brazil, from May 16 to 20, 2011, the Technical Working Party for Agricultural Crops (TWA) considered the draft Test Guidelines for Cassava (*Manihot esculenta* Crantz.) on the basis of document TG/CASSAV(proj.2), as presented by Mr. Simeon Kibet Kogo (Kenya) and Mr. Luis Asp Pacheco (Brazil). The TWA made the following comments (see document TWA/40/17 "Report", paragraph 46):

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| cover page | to read " <i>prepared by an expert from Brazil and Kenya</i> " |
| page 2 | update table of contents after the inclusion of chapter 3.5 "Number of Plants / Parts of Plants to be Examined" (see new 3.5 below) |
| 2.3 | to read "The minimum quantity of plant material, to be supplied by the applicant, should be: 30 cuttings, each one with a length of 20 cm with at least 5 to 8 buds." |
| new 3.5 | to insert back chapter 3.5 (missing in proj.2) modified as follows: " <i>3.5 Number of Plants / Parts of Plants to be Examined</i> Unless otherwise indicated, all observations on single plants should be made on 10 plants or parts taken from each of 10 plants." |
| 3.5 | renumber to 3.6 |

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| 5.3 | to delete char. 2 (a), char. 14 (g), char. 17 (h), char. 29 (k) from the list of grouping characteristics; to add chars. 16, 26 and new char. on “Branch habit” as grouping characteristics; grouping of characteristics needs to be rechecked |
| Table of Chars. | check order of characteristics; check whether it is lobe or leaflet |
| Char. 1 | consider whether to be moved after char. 15 |
| Char. 4 | to read: “Leaf: predominant shape of central lobe”; reconsider obovate states, and linear pyramidal and linear pandurate states; check state names in TGP/14; states to correspond to illustrations in Ad. 4 |
| Char. 6 | check colors in TGP/14; keep states 3 and 4; Brazil to provide example varieties |
| Char. 7 | to be deleted |
| Char. 8 | Brazil to provide example varieties |
| Char. 9 | to read: “Leaf: length of central lobe” |
| Char. 11 | to read: “Leaf: width of central lobe” |
| Char. 12 | add new state “purple” with note 4 |
| Char. 14 | check this characteristic; check example varieties (Karibuni) |
| Char. 15 | delete state “entire and split”; notes to be 1 and 2; check against char. 19 |
| Char. 16 | Tanzania to check and provide example varieties for cream; add state “purplish” with note 5 |
| Char. 17 | to delete (*); check colors in TGP/14 (golden and silver are not valid colors) |
| Char. 18 | delete “(middle part of plant)”; check in TGP/14 whether orange comes before brown; add state “purple” with note 5 and Brazil to provide example varieties |
| Char. 20 | to read: “Stem: prominence of leaf scars on nodes” and delete “(middle part of plant)”; states to be changed to “weak” (1), “medium” (2), “strong” (3) |
| Char. 21 | delete “(middle part of plant)”; Brazil to provide an illustration showing where to measure |
| Char. 22 | delete “of adult plants”; check in TGP/14 whether red comes before purple |
| Char. 23 | to read: “Root: peduncle” |
| new Char. | to add new characteristic “Root: length of peduncle”; Brazil to provide states |
| Char. 24 | to combine white, cream and yellow as one state “whitish”; renumber notes accordingly to 1, 2, 3 |
| Char. 26 | check the term pulp; split yellow into two states: “light yellow” and “dark yellow”; renumber notes accordingly |
| Char. 28 | check the term “conico-cylindrical” in TGP/14 and improve illustration with better pictures |
| Char. 30 | to be deleted |
| Char. 31 | improve explanation; remove state 2 and renumber states to 1 and 2; check names of states in TGP/14 (easy/difficult or low/high) |

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| new Chars. | <p>check two new characteristics:</p> <ul style="list-style-type: none"> - “Type of plant” with states “compact” (1), “opened” (2), “umbrella” (3) and “cylindrical” (4) - “Branch habit” with states “erect” (1), “dicotomic” (2), “tricotomic” (3), “tetracotomic” (4) |
| 8.1 | to insert a second sentence before (a), (b) and (c) to read “All characteristics to be observed in the middle third of the plant.” |
| 8.1 (b) | to read: “(b) Observations should be made after 180 days (6 to 9 months) from planting” |
| Ad. 5 | improve photographs |
| Ad. 9 and 11 | to read: Ad. 9 “Leaf: length of central lobe” and Ad. 11 “Leaf: width of central lobe” |

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