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|  |  | E  TWA/42/30  **ORIGINAL:**  English  DATE:  June 13, 2013 |
| INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS | | |
| Geneva | | |

Technical working party for Agricultural crops

Forty-Second Session  
Kyiv, Ukraine, June 17 to 21, 2013

comments by the technical working party for vegetables (twv) on the draft TEST GUIDELINES FOR CASSAVA

Document prepared by the Office of the Union

At its forty-seventh session, held in Nagasaki, Japan, from May 20 to 24, 2013, the Technical Working Party for Vegetables (TWV) considered the draft Test Guidelines for Cassava (*Manihot esculenta* Crantz.) on the basis of document TG/CASSAV(proj.4), as presented by Mr. Ricardo Zanatta (Brazil) and agreed the following (see document TWV/47/34 “Report”, paragraph 70):

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| 4.2.2 | to delete “of clones” |
| 4.3.2 | to read “a new plant stock” |
| 5.3 | to add characteristics 16 and 27 |
| Table of Chars. | general remark: to have two sets of example varieties (one for Kenya, one for Brazil) |
| Char. 1 | to delete (+) and explanation of color in Ad. 1 |
| Chars. 1, 4, 5, 9, 22 | to check whether to split in two characteristics in order to separate anthocyanin coloration and intensity of green color (see TGs Ginseng, Yam)  check example varieties |
| Char. 2 | to add example variety “IAC 576-70 (BR)” for state 1 and “Taquara Amarela (BR)” for state 9 |
| Char. 3 | to read “Leaf: shape of central lobe” |
| Char. 4 | to delete (+) and Ad. 4 |
| Char. 6 | to provide example varieties until TWA |
| Char. 9 | to delete (+) and Ad. 9 |
| Char. 10 | to delete state 4  to add example varieties:  state 1: Xingu (BR)  state 2: IAC 576-70 (BR)  state 3: BGMC 1117 (BR) |
| Char. 11 | to delete (\*)  to delete example variety “Karibuni” from state 5 |
| Char. 12 | to add (\*) |
| Char. 13 | to provide example varieties until TWA |
| Char. 14 | to be deleted |
| Char. 15 | to check whether to read “Plant: branching” with states all along the stem (1), upper two thirds (2), upper third (3) |
| Char. 16 | to add (\*)  to have “cream” as first state  to add example varieties:  state “cream”: BGMC 1426 (BR)  state “light green”: EAB 182 (BR)  state “dark green”: IAPAR 19 (BR)  state “purplish”: Mandioca Batata (BR) |
| Char. 17 | to read “Stem: color of bark”  to add (+) and combine with Ad. 16  to move “orange” after “brownish yellow” |
| Char. 18 | to read “Stem: color of internal surface of bark”  to add (+) and combine with Ad. 16  to add example varieties:  state 1: IAC 177-66 (BR)  state 2: Taquara Amarela (BR)  state 3: IAPAR 19 (BR)  state 4: EAB 675 (BR)  state 5: Mandioca Batata (BR) |
| Char. 20 | to read “Stem: prominence of leaf scars”  to add example varieties  state 3: IAC 105-66 (BR)  state 5: IAC 576-70 (BR)  state 7: BGMC 117 (BR)  to add (+) and combine with Ad. 21 |
| Char. 21 | to be indicated as VG/MS  to check whether the leaf scars in line have the same number of leaf scars, otherwise add a new. char. “pattern of leaf scars”  to add example varieties:  state 3: Taquara Amarela (BR)  state 5: IAC 576-70 (BR)  state 7: EAB 321 (BR) |
| Char. 22 | to delete (\*)  to add (+) and illustration |
| Char. 23 | to check whether to read “peduncle”or “neck”  to be indicated as QN  to have states absent to short (1), medium (2), long (3) |
| Char. 24 | to read “Root: color of epidermis”  to add (+) and combined illustration for characteristics 24, 26 and 27  to check whether to add (\*)  to add example varieties:  state 2: Taquara Amarela (BR)  state 3: Mandioca Batata (BR) |
| Char. 25 | to add (\*)  to add example variety “Mantiqueira (BR)” for state 2 |
| Char. 26 | to add (\*)  to add (+) and combined illustration for characteristics 24, 26 and 27  to ad example varieties:  state 1: Branca de Santa Catarina (BR)  state 2: IAC 576-70 (BR)  state 3: Xingu (BR)  state 4: EAB 182 (BR)  state 5: Mandioca Batata (BR) |
| Char. 27 | to add (\*)  to provide example varieties until TWA  to add (+) and combined illustration for characteristics 24, 26 and 27 |
| Char. 28 | to delete state 4 |
| Char. 29 | to add example varieties  to provide data over years |
| Char. 30 | to check whether to be deleted or to check number of notes |
| new. char. | to check whether to add new char. “Root: content of starch in flesh”, if data over years can be provided, also provide methodology |
| Ad. 1 | to be deleted |
| Ad. 2 | to be improved |
| Ad. 3 | to rotate photos by 90%  to check states and photos of states 2 and 3 |
| Ad. 4 | to be deleted |
| Ad. 9 | to be deleted |
| Ad. 11 | to add indication/arrows where to be observed |
| Ad. 12 | to replace photos by drawings or add arrows |
| Ad. 21 | to be checked, see comment on char. 21 |
| Ad. 23 | to invert photos |
| Ad. 29 | to move literature to Chapter 9 |
| 9. | to specify the last two references  to check and add literature of Ad. 29 |
| TQ 5 | to be updated according to Chapter 5.3 |

The TWV agreed to rediscuss the draft Test Guidelines for Cassava at its forty-eighth session, to be held in Paestum, Italy, from June 23 to 27, 2014 (see document TWV/47/34 “Report”, paragraph 93).

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