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| INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS  |
| Geneva |

Technical working party for vegetables

Forty-Ninth Session
Angers, France, June 15 to 19, 2015

Partial Revision of the Test Guidelines for Radish; Black Radish
(Document TG/63/7-TG/64/7)

Document prepared by a an expert from Germany

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 The Technical Working Party for Vegetables (TWV), at its forty-eighth session, held in Paestum, Italy, from June 23 to 27, 2014, agreed that the Test Guidelines for Radish; Black Radish (document TG/63/7‑TG/64/7) be partially revised for the grouping characteristics and the Technical Questionnaire (see document TWV/48/43, Annex IV).

 The purpose of this document is to present a proposal for the partial revision of the Test Guidelines for Radish; Black Radish (document TG/63/7-TG/64/7).

 The following changes are proposed:

* Addition of Characteristic 22 “Radish: color of skin of stem end” to the grouping characteristics in Chapter 5.3
* Replacement of Characteristic 23 “Non-thickened root: color” with Characteristic 22 “Radish: color of skin of stem end” in the Technical Questionnaire, Section 5 “Characteristics of the variety to be indicated”

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

## Proposed Addition of Characteristic 22 “Radish: color of skin of stem end” to the grouping characteristics in Chapter 5.3

5.3 The following have been agreed as useful grouping characteristics:

(a) Only N-type varieties: Ploidy (characteristic 1)

(b) Only N-type varieties: Leaf: length (characteristic 3)

(c) Only S-type varieties: Leaf: length (characteristic 4)

(d) Leaf blade: number of lobes (characteristic 8)

(e) Petiole: anthocyanin coloration (characteristic 10)

(f) Only N-type varieties: Radish: length (characteristic 13)

(g) Only S-type varieties: Radish: length (characteristic 14)

(h) Only N-type varieties: Radish: diameter (characteristic 15)

(i) Only S-type varieties: Radish: diameter (characteristic 16)

(j) Radish: shape (characteristic17)

(k) Radish:  number of colors of skin (excluding non-thickened root) (characteristic 21)

(l) Radish: color of skin of stem end (characteristic 22)

(~~l~~m) Only varieties with Radish: Number of colors of skin: two: Radish: extent of white color from non-thickened root end (characteristic 25)

(~~m~~n) Time to harvest maturity (characteristic 28)

## Proposed Replacement of Characteristic 23 “Non-thickened root: color” with Characteristic 22 “Radish: color of skin of stem end” in the Technical Questionnaire, Section 5 “Characteristics of the variety to be indicated”

| TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: |
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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 |
|  | […] |  |  |
| **5.11(21)** | **Radish: number of colors of skin (excluding non-thickened root)** |  |  |
|  | one  | Cerise (S), Minowase Summer Cross No. 3 (N), Saxa 2 (S) | 1 [ ] |
|  | two | Akasuji (N), Bamba (S), Flamboyant 2 (S), Murasakizukin (N) | 2 [ ] |
| **~~5.12(23)~~** | **~~Non-thickened root: color~~** |  |  |
|  | ~~white~~ | ~~Minowase Summer Cross No. 3 (N),~~  | ~~1 [ ]~~ |
|  | ~~yellowish white~~ | ~~Miura (N)~~ | ~~2 [ ]~~ |
|  | ~~yellow~~ | ~~Gold Star (S)~~ | ~~3 [ ]~~ |
|  | ~~brown~~ |  | ~~4 [ ]~~ |
|  | ~~light green~~ | ~~Kazafukarami (N)~~ | ~~5 [ ]~~ |
|  | ~~medium green~~ |  | ~~6 [ ]~~ |
|  | ~~dark green~~ |  | ~~7 [ ]~~ |
|  | ~~pink~~ | ~~Koshin (N)~~ | ~~8 [ ]~~ |
|  | ~~dark pink red~~ |  | ~~9 [ ]~~ |
|  | ~~red~~ | ~~Benizonochunaga (N)~~ | ~~10 [ ]~~ |
|  | ~~purple~~ | ~~Karaineaka (N)~~ | ~~11 [ ]~~ |
|  | ~~violet~~ |  | ~~12 [ ]~~ |
|  | ~~black~~ | ~~Kuromaru (N)~~ | ~~13 [ ]~~ |
|  | Characteristics | Example Varieties | Note |
| **5.12(22)** | **Radish: color of skin of stem end** |  |  |
|  | white | Minowase Summer Cross No. 3 (N), Rex (S) | 1 [ ] |
|  | yellowish white | Miura (N) | 2 [ ] |
|  | yellow | Gold Star (S) | 3 [ ] |
|  | brown |  | 4 [ ] |
|  | light green | Miyashige Nagabuto (N), Oshin (N) | 5 [ ] |
|  | medium green | Nezumi (N)  | 6 [ ] |
|  | dark green | Aonaga (N), Kazafu karami (N) | 7 [ ] |
|  | pink | De cinq semaines rose 3 (S) | 8 [ ] |
|  | dark pink red | Ostergruß rosa 2 (S) | 9 [ ] |
|  | red | Benigeshou (N) | 10 [ ] |
|  | purple | Karaineaka (N),  | 11 [ ] |
|  | violet | Hilds blauer Herbst und Winter (S), Violet de Gournay (S) | 12 [ ] |
|  | black | Kuromaru (N), Noir gros rond d’hiver (N) | 13 [ ] |
|  | […] |  |  |

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