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| International Union for the Protection of New Varieties of Plants |  |

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| Technical Working Party for Vegetables  Fifty-Fifth Session Antalya, Turkey, May 3 to 7, 2021 | TWV/55/9  Original: English  Date: April 1, 2021 |

Partial revision of the Test Guidelines for Garden Rocket

Document prepared by an expert from the Netherlands

Disclaimer: this document does not represent UPOV policies or guidance

The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Garden Rocket (document TG/245/1).

The Technical Working Party for Vegetables (TWV), at its fifty-fourth session hosted by Brazil and organized by electronic means, from May 11 to 15, 2020, agreed that the Test Guidelines for Garden Rocket (*Eruca sativa* Mill.) (document TG/245/1) be partially revised for the addition of a characteristic concerning anthocyanin coloration of leaf blade (see document TWV/54/9 “Report”, Annex III).

The following changes are proposed:

1. Addition of a new characteristic “Leaf: anthocyanin coloration of veins” after Characteristic 3 “Leaf: intensity of color”
2. Addition of the proposed new characteristic “Leaf: anthocyanin coloration of veins” as grouping characteristic to Chapter 5.3;
3. Addition of the proposed new characteristic “Leaf: anthocyanin coloration of veins” the Technical Questionnaire, Section 5;

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

Proposed addition of a new characteristic “Leaf: anthocyanin coloration of veins” after Characteristic 3 “Leaf: intensity of color”

*Current wording*

|  |  | English | français | Deutsch | español | Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** | **VG** | **Leaf: attitude** | **Feuille : port** | **Blatt: Haltung** | **Hoja: porte** |  |  |
| **QN** | **(a)** | erect | dressé | aufrecht | erecto | Runway, Sky Rocket | 1 |
|  |  | semi erect | demi dressé | halbaufrecht | semi erecto | Myway | 3 |
|  |  | horizontal | horizontal | waagerecht | horizontal | Highway | 5 |
| **2. (\*)** | **VG** | **Leaf: color of blade** | **Feuille : couleur du limbe** | **Blatt: Farbe der Spreite** | **Hoja: color del limbo** |  |  |
| **QL** | **(a)** | yellow green | vert jaune | gelbgrün | verde amarillento | Highway, Runway | 1 |
|  |  | green | vert | grün | verde | Myway | 2 |
| **3.** | **VG** | **Leaf: intensity of color** | **Feuile: intensité de la couleur** | **Blatt: Intensität der Farbe** | **Hoja: intensidad del color** |  |  |
| **QN** | **(a)** | light | claire | hell | claro |  | 3 |
|  |  | medium | moyenne | mittel | medio |  | 5 |
|  |  | dark | foncée | dunkel | oscuro |  | 7 |
| **4. (\*) (+)** | **VG/ MS** | **Leaf: length** | **Feuille: longueur** | **Blatt: Länge** | **Hoja: longitud** |  |  |
| **QN** | **(a)** | short | courte | kurz | corta | Rococo | 3 |
|  |  | medium | moyenne | mittel | media | Myway | 5 |
|  |  | long | longue | lang | larga | Runway | 7 |

*Proposed new wording*

|  |  | English | français | Deutsch | español | Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** | **VG** | **Leaf: attitude** | **Feuille : port** | **Blatt: Haltung** | **Hoja: porte** |  |  |
| **QN** | **(a)** | erect | dressé | aufrecht | erecto | Runway, Sky Rocket | 1 |
|  |  | semi erect | demi dressé | halbaufrecht | semi erecto | Myway | 3 |
|  |  | horizontal | horizontal | waagerecht | horizontal | Highway | 5 |
| **2. (\*)** | **VG** | **Leaf: color of blade** | **Feuille : couleur du limbe** | **Blatt: Farbe der Spreite** | **Hoja: color del limbo** |  |  |
| **QL** | **(a)** | yellow green | vert jaune | gelbgrün | verde amarillento | Highway, Runway | 1 |
|  |  | green | vert | grün | verde | Myway | 2 |
| **3.** | **VG** | **Leaf: intensity of color** | **Feuile: intensité de la couleur** | **Blatt: Intensität der Farbe** | **Hoja: intensidad del color** |  |  |
| **QN** | **(a)** | light | claire | hell | claro |  | 3 |
|  |  | medium | moyenne | mittel | medio |  | 5 |
|  |  | dark | foncée | dunkel | oscuro |  | 7 |
| **4. (\*)** | **VG** | **Leaf: anthocyanin coloration of veins** | **Feuille: pigmentation anthocyanique des nervures** | **Blatt: Anthocyanfärbung der Adern** | **Hoja: pigmentación antociánica de los nervios** |  |  |
| **QL** | **(a)** | absent | absente | fehlend | ausente | Astro, Flash, Rococo | 1 |
|  |  | present | présente | vorhanden | presente | Fireworks, Sweet Intensity, | 9 |
| **~~4.~~ 5. (\*) (+)** | **VG/ MS** | **Leaf: length** | **Feuille: longueur** | **Blatt: Länge** | **Hoja: longitud** |  |  |
| **QN** | **(a)** | short | courte | kurz | corta | Rococo | 3 |
|  |  | medium | moyenne | mittel | media | Myway | 5 |
|  |  | long | longue | lang | larga | Runway | 7 |

## Proposed addition of the proposed new characteristic “Leaf: anthocyanin coloration of veins” as grouping characteristic to Chapter 5.3

### Current wording

5.3 The following have been agreed as useful grouping characteristics:

a) Leaf: length (characteristic 4)

b) Leaf: width (characteristic 5)

c) Leaf: division (characteristic 6)

d) Leaf: secondary lobing (characteristic 8)

e) Flower: color of petals (characteristic 13)

### Proposed new wording

5.3 The following have been agreed as useful grouping characteristics:

a) Leaf: anthocyanin coloration of veins

~~a~~ b) Leaf: length (characteristic ~~4~~ 5)

~~b~~ c) Leaf: width (characteristic ~~5~~ 6)

~~c~~ d) Leaf: division (characteristic ~~6~~ 7)

~~d~~ e) Leaf: secondary lobing (characteristic ~~8~~ 9)

~~e~~ f) Flower: color of petals (characteristic ~~13~~ 14)

## Proposed addition of the proposed new characteristic “Leaf: anthocyanin coloration of veins” the Technical questionnaire, Section 5;

*Current wording*

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 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 |
| **5.1 (4)** | **Leaf: length** | | |  |  |
|  | short | | | Rococo | 3 [ ] |
|  | medium | | | Myway | 5 [ ] |
|  | long | | | Runway | 7 [ ] |
|  | […] | | |  |  |

### Proposed new wording

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 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 |
| **5.1 (4)** | **Leaf: anthocyanin coloration of veins** | | |  |  |
|  | absent | | | Astro, Flash, Rococo | 1 [ ] |
|  | present | | | Fireworks, Sweet Intensity, | 9 [ ] |
| **5.~~1~~ 2 (~~4~~ 5)** | **Leaf: length** | | |  |  |
|  | short | | | Rococo | 3 [ ] |
|  | medium | | | Myway | 5 [ ] |
|  | long | | | Runway | 7 [ ] |
|  | […] | | |  |  |

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