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

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| Technical Committee  Fifty-Seventh Session Geneva, October 25 and 26, 2021 | TC/57/19  Original: English  Date: September 4, 2021 |

Partial revision of the Test Guidelines for Hemp

Document prepared by the Office of the Union

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 Hemp (document TG/276/1).

The background to the proposed partial revision of the Test Guidelines for Hemp is presented in document TC/57/2 “Test Guidelines”.

The Technical Working Party for Agricultural Crops (TWA), at its fiftieth session[[1]](#footnote-2), considered a proposal for a partial revision of the Technical Questionnaire (TQ) of the Test Guidelines for Hemp (*Cannabis sativa* L.) on the basis of document TWP/5/13 “Revision of Test Guidelines”, paragraph 17 and Annex XII. The TWA agreed to propose the inclusion of the following characteristics in the TQ (characteristics for inclusion indicated in highlight and underline) (see document TWA/50/9 “Report”, paragraph 73):

|  |  |  |
| --- | --- | --- |
| Char. No. | (\*) | Characteristic Name |
| 8 | (\*) | Leaf: number of leaflets |
| 10 |  | Central leaflet: width |
| 11 | (\*) | Time of male flowering |
| 13 | (\*) | Inflorescence: THC content |
| 14 | (\*) | Plant: proportion of hermaphrodite plants |
| 15 | (\*) | Plant: proportion of female plants |
| 16 | (\*) | Plant: proportion of male plants |
| 17 | (\*) | Plant: natural height |
| 18 | (\*) | Main stem: color |
| 24 |  | Seed: color of testa |
| 25 |  | Seed: marbling |

The proposed additions to TQ 5 are presented in highlight and underline.

| 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 (8)** | **Leaf: number of leaflets** | | |  |  |
|  | few | | | Ermes | 1[ ] |
|  | medium | | | Epsilon 68 | 2[ ] |
|  | many | | | Kompolti | 3[ ] |
| **5.2 (10)** | **Central leaflet: width** | | |  |  |
|  | very narrow | | |  | 1[ ] |
|  | very narrow to narrow | | |  | 2[ ] |
|  | narrow | | | Santhica 27 | 3[ ] |
|  | narrow to medium | | |  | 4[ ] |
|  | medium | | | Dioica 88 | 5[ ] |
|  | medium to broad | | |  | 6[ ] |
|  | broad | | | Kompolti | 7[ ] |
|  | broad to very broad | | |  | 8[ ] |
|  | very broad | | |  | 9[ ] |
| **5.~~1~~ 3 (11)** | **Time of male flowering** | | |  |  |
|  | very early | | | Finola | 1[ ] |
|  | very early to early | | |  | 2[ ] |
|  | early | | | Santhica 27 | 3[ ] |
|  | early to medium | | |  | 4[ ] |
|  | medium | | | Dioica 88 | 5[ ] |
|  | medium to late | | |  | 6[ ] |
|  | late | | | Futura 75 | 7[ ] |
|  | late to very late | | |  | 8[ ] |
|  | very late | | | Kompolti | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~2~~ 4  (13)** | **Inflorescence: THC content** | | |  |  |
|  | absent or very low | | | Santhica 23 | 1[ ] |
|  | low | | |  | 2[ ] |
|  | medium | | | Uso 31 | 3[ ] |
|  | high | | |  | 4[ ] |
|  | very high | | | Medisins | 5[ ] |
| **5.~~3~~ 5 (14)** | **Plant: proportion of hermaphrodite** **plants** | | |  |  |
|  | low | | |  | 1[ ] |
|  | low to medium | | |  | 2[ ] |
|  | medium | | |  | 3[ ] |
|  | medium to high | | |  | 4[ ] |
|  | high | | |  | 5[ ] |
| **5.~~4~~ 6 (15)** | **Plant: proportion of female plants** | | |  |  |
|  | low | | |  | 1[ ] |
|  | low to medium | | |  | 2[ ] |
|  | medium | | |  | 3[ ] |
|  | medium to high | | |  | 4[ ] |
|  | high | | |  | 5[ ] |
| **5.~~5~~ 7 (16)** | **Plant: proportion of male plants** | | |  |  |
|  | low | | |  | 1[ ] |
|  | low to medium | | |  | 2[ ] |
|  | medium | | |  | 3[ ] |
|  | medium to high | | |  | 4[ ] |
|  | high | | |  | 5[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~6~~ 8 (17)** | **Plant: natural height** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Finola | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Uso 31 | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Ferimon | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | |  | 9[ ] |
| **5.9 (18)** | **Main stem: color** | | |  |  |
|  | yellow | | | Chamaeleon | 1[ ] |
|  | medium green | | | Epsilon 68 | 2[ ] |
|  | dark green | | | Kompolti | 3[ ] |
|  | purple | | | Fibranova | 4[ ] |
| **5.10 (24)** | **Seed: color of testa** | | |  |  |
|  | light grey | | | Fibrol | 1[ ] |
|  | medium grey | | | Finola | 2[ ] |
|  | grey brown | | | Futura 75 | 3[ ] |
|  | yellowish brown | | | Santhica 27 | 4[ ] |
|  | brown | | | Ermes | 5[ ] |
| **5.11 (25)** | **Seed: marbling** | | |  |  |
|  | weak | | | Finola | 1[ ] |
|  | medium | | | Kompolti | 2[ ] |
|  | strong | | | Futura 75 | 3[ ] |

[End of document]

1. hosted by the United Republic of Tanzania and organized by electronic means, from June 21 to 25, 2021 [↑](#footnote-ref-2)