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

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| Technical Committee  Fifty-Third Session Geneva, April 3 to 5, 2017 | TC/53/28  Original: English  Date: March 10, 2017 |

Partial Revision of the Test Guidelines for Tomato Rootstocks

Document prepared by the Office of the Union

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At its fiftieth session held in Brno, Czech Republic, from June 27 to July 1, 2016, the TWV considered a proposal for a partial revision of the Test Guidelines for Tomato Rootstocks on the basis of documents TG/294/1 Corr. Rev. and TWV/50/19 “Partial Revision of the Test Guidelines for Tomato Rootstocks (Document TG/294/1 Corr. Rev.)” and proposed to revise the Test Guidelines for Tomato Rootstocks as follows (see document TWV/50/25 “Report”, paragraph 91).

The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Tomato Rootstocks (document TG/294/1 Corr. Rev.).

The following changes are proposed:

1. Extension of the coverage of the Test Guidelines to be reflected
   1. on the cover page
   2. in Chapter 1 “Subject of these Test Guidelines”
   3. Chapter “Technical Questionnaire”, Section 1 “Subject of the Technical Questionnaire”
2. Addition of a new state of expression and explanation for Characteristic 16

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

# Extension of the coverage of the Test Guidelines

## Extension of the coverage of the Test Guidelines on the cover page

*Current wording:*

|  |  |  |
| --- | --- | --- |
|  | **TOMATO ROOTSTOCKS**  UPOV Code: SOLAN\_LHA; SOLAN\_LPE; SOLAN\_LCH  *Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner;  *Solanum lycopersicum* L. x  *Solanum peruvianum* (L.) Mill*.;*  *Solanum lycopersicum* L. x  *Solanum cheesmaniae* (L. Ridley) Fosberg | \* |

Alternative Names:\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Botanical name* | *English* | *French* | *German* | *Spanish* |
| *Solanum lycopersicum* L*.* x *Solanum habrochaites* S. Knapp & D.M. Spooner |  |  |  |  |
| *Solanum lycopersicum* L.x *Solanum peruvianum* (L.) Mill*.* |  |  |  |  |
| *Solanum lycopersicum* L.x *Solanum cheesmaniae* (L. Ridley) Fosberg |  |  |  |  |

*Proposed new wording:*

|  |  |  |
| --- | --- | --- |
|  | **TOMATO ROOTSTOCKS**  UPOV Code: SOLAN\_HAB; SOLAN\_LHA; SOLAN\_LPE; SOLAN\_LCH; SOLAN\_PHA  *Solanum habrochaites* S. Knapp *&* D.M. Spooner*;*  *Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner;  *Solanum lycopersicum* L. x  *Solanum peruvianum* (L.) Mill*.;*  *Solanum lycopersicum* L. x  *Solanum cheesmaniae* (L. Ridley) Fosberg  *Solanum pimpinellifolium* L. *x Solanum habrochaites* S. Knapp & D.M. Spooner | \* |

Alternative Names:\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Botanical name* | *English* | *French* | *German* | *Spanish* |
| *Solanum habrochaites* S. Knapp & D.M. Spooner, *Lycopersicon agrimoniifolium* Dunal, *Lycopersicon hirsutum* Dunal,  *Lycopersicon hirsutum* f. *glabratum* C. H. Müll. |  |  |  |  |
| *Solanum lycopersicum* L*.* x *Solanum habrochaites* S. Knapp & D.M. Spooner |  |  |  |  |
| *Solanum lycopersicum* L.x  *Solanum peruvianum* (L.) Mill*.* |  |  |  |  |
| *Solanum lycopersicum* L.x  *Solanum cheesmaniae* (L. Ridley) Fosberg |  |  |  |  |
| *Solanum pimpinellifolium* L.x  *Solanum habrochaites* S. Knapp & D.M. Spooner |  |  |  |  |

## Extension of the coverage of the Test Guidelines in Chapter 1 “Subject of these Test Guidelines”

*Current wording:*

# 1. Subject of these Test Guidelines

1.1 These Test Guidelines apply to all varieties of *Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner, *Solanum lycopersicum* L. x *Solanum* *peruvianum* L. (Mill.)and *Solanum lycopersicum* L*.* x *Solanum cheesmaniae* (L. Ridley) Fosberg*.* Such varieties are generally used as rootstocks for tomato varieties (varieties of *Solanum lycopersicum* L.(*Lycopersicum esculentum* L.(Mill.)).

1.2 Rootstocks belonging to *Solanum lycopersicum* L. (*Lycopersicum esculentum* Mill.) or to *Solanum lycopersicum* L. x *Solanum pimpinellifolium* L. (*Lycopersicum esculentum* Mill. x *Lycopersicum pimpinellifolium* Mill.) should be covered by UPOV Test Guidelines TG/44.

*Proposed new wording:*

# 1. Subject of these Test Guidelines

1.1 These Test Guidelines apply to all varieties of *Solanum habrochaites* S. Knapp & D.M. Spooner*; Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner, *Solanum lycopersicum* L. x *Solanum* *peruvianum* L. (Mill.),~~and~~ *Solanum lycopersicum* L*.* x *Solanum cheesmaniae* (L. Ridley) Fosberg and *Solanum pimpinellifolium* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner*.* Such varieties are generally used as rootstocks for tomato varieties (varieties of *Solanum lycopersicum* L.(*Lycopersicum esculentum* L.(Mill.)).

1.2 Rootstocks belonging to *Solanum lycopersicum* L. (*Lycopersicum esculentum* Mill.) or to *Solanum lycopersicum* L. x *Solanum pimpinellifolium* L. (*Lycopersicum esculentum* Mill. x *Lycopersicum pimpinellifolium* Mill.) should be covered by UPOV Test Guidelines TG/44.

## Extension of the coverage of the Test Guidelines Chapter “Technical Questionnaire”, Section 1 “Subject of the Technical Questionnaire”

*Current wording:*

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
|  | |  | Application date: | | |
|  | |  | (not to be filled in by the applicant) | | |
| TECHNICAL QUESTIONNAIRE  to be completed in connection with an application for plant breeders’ rights | | | | | |
|  |  | | |  | |
| 1. Subject of the Technical Questionnaire | | | | | |
|  |  | | |  | |
| Tomato Rootstocks belonging to: | | | |  | |
|  |  | | |  | |
| 1.1 Botanical name | *Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner | | | […] | |
|  |  | | |  | |
| 1.2 Botanical name | *Solanum lycopersicum* L.x *Solanum peruvianum* (L.) Mill*.* | | | […] | |
|  |  | | |  | |
| 1.3 Botanical name | *Solanum lycopersicum* L.x *Solanum cheesmaniae* (L. Ridley) Fosberg | | | […] | |
|  |  | | | |  |

*Proposed new wording:*

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
|  | |  | Application date: | | |
|  | |  | (not to be filled in by the applicant) | | |
| TECHNICAL QUESTIONNAIRE  to be completed in connection with an application for plant breeders’ rights | | | | | |
|  |  | | |  | |
| 1. Subject of the Technical Questionnaire | | | | | |
|  |  | | |  | |
| Tomato Rootstocks belonging to: | | | |  | |
|  |  | | |  | |
| 1.1 Botanical name | *Solanum habrochaites* S. Knapp & D.M. Spooner | | | […] | |
|  |  | | |  | |
| 1.~~1~~ 2 Botanical name | *Solanum lycopersicum* L. x *Solanum habrochaites* S. Knapp & D.M. Spooner | | | […] | |
|  |  | | |  | |
| 1.~~2~~ 3 Botanical name | *Solanum lycopersicum* L.x *Solanum peruvianum* (L.) Mill*.* | | | […] | |
|  |  | | |  | |
| 1.~~3~~ 4 Botanical name | *Solanum lycopersicum* L.x *Solanum cheesmaniae* (L. Ridley) Fosberg | | | […] | |
|  |  | | |  | |
| 1.5 Botanical name | *Solanum pimpinellifolium* L.x *Solanum habrochaites* S. Knapp & D.M. Spooner | | | […] | |
| . |  | | | |  |

## Addition of a new state of expression and explanation to Characteristic 16

*Current Wording:*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| 16. (\*) | VG | Fruit: size | Fruit : taille | Frucht: Größe | Fruto: tamaño |  |  |
| **QN** | (b) | small | petit | klein | pequeño | Body, Optifort | 3 |
|  |  | medium | moyen | mittel | medio | Emperador | 5 |
|  |  | large | grand | groß | grande | Titron | 7 |

*Proposed new wording:*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| 16. (\*) (+) | VG | Fruit: size | Fruit : taille | Frucht: Größe | Fruto: tamaño |  |  |
| **QN** | (b) | not developed or very small | non développé ou très petit | nicht entwickelt oder sehr klein | no desarrollado o muy pequeño | RT303 | 1 |
|  |  | small | petit | klein | pequeño | Body, Optifort | 3 |
|  |  | medium | moyen | mittel | medio | Emperador | 5 |
|  |  | large | grand | groß | grande | Titron | 7 |

Ad. 16: Fruit: size

Varieties of certain interspecific crosses for tomato rootstocks, may not produce fruits, or exceptionally produce few very small fruits (note 1).

[End of document]