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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

DRAFT

SCORPION WEED

UPOV Code: PHACE_TAN

Phacelia tanacetifolia Benth.

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

prepared by an expert from Poland

to be considered by the

Technical Working Party for Agricultural Crops at its forty-second session, to be held in Kyiv, Ukraine, from June 17 to 21, 2013

Alternative Names:

| Botanical name | English | French | German | Spanish |
|-------------------------------|---------------|---|----------|----------|
| Phacelia tanacetifolia Benth. | Scorpion Weed | Phacélie á feuilles de tanaisie, Phacélie | Phazelie | Phazelia |

The purpose of these guidelines ("Test Guidelines") is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions.

ASSOCIATED DOCUMENTS

These Test Guidelines should be read in conjunction with the General Introduction and its associated TGP documents.

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These names were correct at the time of the introduction of these Test Guidelines but may be revised or updated. [Readers are advised to consult the UPOV Code, which can be found on the UPOV Website (www.upov.int), for the latest information.]

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1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of Phacelia tanacetifolia Benth..

2. <u>Material Required</u>

- 2.1 The competent authorities decide on the quantity and quality of the plant material required for testing the variety and when and where it is to be delivered. Applicants submitting material from a State other than that in which the testing takes place must ensure that all customs formalities and phytosanitary requirements are complied with.
- 2.2 The material is to be supplied in the form of seed.
- 2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

500 g of seed.

The seed should meet the minimum requirements for germination, species and analytical purity, health and moisture content, specified by the competent authority. In cases where the seed is to be stored, the germination capacity should be as high as possible and should, be stated by the applicant.

- 2.4 The plant material supplied should be visibly healthy, not lacking in vigor, nor affected by any important pest or disease.
- 2.5 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If it has been treated, full details of the treatment must be given.

3. Method of Examination

3.1 Number of Growing Cycles

The minimum duration of tests should normally be two independent growing cycles.

3.2 Testing Place

Tests are normally conducted at one place. In the case of tests conducted at more than one place, guidance is provided in TGP/9 "Examining Distinctness".

- 3.3 Conditions for Conducting the Examination
- 3.3.1 The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.
- 3.3.2 The optimum stage of development for the assessment of each characteristic is indicated by a number in the second column of the Table of Characteristics. The stages of development denoted by each number are described in Chapter 8.

3.4 Test Design

- 3.4.1 Each test should be designed to result in a total of at least 200 plants, which should be divided between at least 2 replicates.
- 3.4.2 The design of the tests should be such that plants or parts of plants may be removed for measurement or counting without prejudice to the observations which must be made up to the end of the growing cycle.

3.5 Additional Tests

Additional tests, for examining relevant characteristics, may be established.

4. <u>Assessment of Distinctness, Uniformity and Stability</u>

4.1 Distinctness

4.1.1 General Recommendations

It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding distinctness. However, the following points are provided for elaboration or emphasis in these Test Guidelines.

4.1.2 Consistent Differences

The differences observed between varieties may be so clear that more than one growing cycle is not necessary. In addition, in some circumstances, the influence of the environment is not such that more than a single growing cycle is required to provide assurance that the differences observed between varieties are sufficiently consistent. One means of ensuring that a difference in a characteristic, observed in a growing trial, is sufficiently consistent is to examine the characteristic in at least two independent growing cycles.

4.1.3 Clear Differences

Determining whether a difference between two varieties is clear depends on many factors, and should consider, in particular, the type of expression of the characteristic being examined, i.e. whether it is expressed in a qualitative, quantitative, or pseudo-qualitative manner. Therefore, it is important that users of these Test Guidelines are familiar with the recommendations contained in the General Introduction prior to making decisions regarding distinctness.

4.1.4 Number of Plants / Parts of Plants to be Examined

Unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 40 plants or parts taken from each of 40 plants and any other observations made on all plants in the test, disregarding any off-type plants.

4.1.5 Method of Observation

The recommended method of observing the characteristic for the purposes of distinctness is indicated by the following key in the second column of the Table of Characteristics (see document TGP/9 "Examining Distinctness", Section 4 "Observation of characteristics"):

MG: single measurement of a group of plants or parts of plants

MS: measurement of a number of individual plants or parts of plants

VG: visual assessment by a single observation of a group of plants or parts of plants

VS: visual assessment by observation of individual plants or parts of plants

Type of observation: visual (V) or measurement (M)

"Visual" observation (V) is an observation made on the basis of the expert's judgment. For the purposes of this document, "visual" observation refers to the sensory observations of the experts and, therefore, also includes smell, taste and touch. Visual observation includes observations where the expert uses reference points (e.g. diagrams, example varieties, side-by-side comparison) or non-linear charts (e.g. color charts). Measurement (M) is an objective observation against a calibrated, linear scale e.g. using a ruler, weighing scales, colorimeter, dates, counts, etc.

Type of record: for a group of plants (G) or for single, individual plants (S)

For the purposes of distinctness, observations may be recorded as a single record for a group of plants or parts of plants (G), or may be recorded as records for a number of single, individual

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plants or parts of plants (S). In most cases, "G" provides a single record per variety and it is not possible or necessary to apply statistical methods in a plant-by-plant analysis for the assessment of distinctness.

In cases where more than one method of observing the characteristic is indicated in the Table of Characteristics (e.g. VG/MG), guidance on selecting an appropriate method is provided in document TGP/9, Section 4.2.

4.2 Uniformity

- 4.2.1 It is of particular importance for users of these Test Guidelines to consult the General Introduction prior to making decisions regarding uniformity. However, the following points are provided for elaboration or emphasis in these Test Guidelines:
- 4.2.2 The assessment of uniformity should be according to the recommendations for cross-pollinated varieties in the General Introduction."

4.3 Stability

- 4.3.1 In practice, it is not usual to perform tests of stability that produce results as certain as those of the testing of distinctness and uniformity. However, experience has demonstrated that, for many types of variety, when a variety has been shown to be uniform, it can also be considered to be stable.
- 4.3.2 Where appropriate, or in cases of doubt, stability may be further examined by testing a new seed stock to ensure that it exhibits the same characteristics as those shown by the initial material supplied.

5. Grouping of Varieties and Organization of the Growing Trial

- 5.1 The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate the assessment of distinctness are aided by the use of grouping characteristics.
- 5.2 Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with other such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness; and (b) to organize the growing trial so that similar varieties are grouped together.
- 5.3 The following have been agreed as useful grouping characteristics:
 - (a) Ploidy (characteristic 1)
 - (b) Time of beginning of flowering (characteristic 4)
 - (c) Inflorescence: color of flower (characteristic 11)
- 5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction and document TGP/9 "Examining Distinctness".

6. Introduction to the Table of Characteristics

6.1 Categories of Characteristics

6.1.1 Standard Test Guidelines Characteristics

Standard Test Guidelines characteristics are those which are approved by UPOV for examination of DUS and from which members of the Union can select those suitable for their particular circumstances.

6.1.2 Asterisked Characteristics

Asterisked characteristics (denoted by *) are those included in the Test Guidelines which are important for the international harmonization of variety descriptions and should always be examined for DUS

and included in the variety description by all members of the Union, except when the state of expression of a preceding characteristic or regional environmental conditions render this inappropriate.

6.2 States of Expression and Corresponding Notes

- 6.2.1 States of expression are given for each characteristic to define the characteristic and to harmonize descriptions. Each state of expression is allocated a corresponding numerical note for ease of recording of data and for the production and exchange of the description.
- 6.2.2 In the case of qualitative and pseudo-qualitative characteristics (see Chapter 6.3), all relevant states of expression are presented in the characteristic. However, in the case of quantitative characteristics with 5 or more states, an abbreviated scale may be used to minimize the size of the Table of Characteristics. For example, in the case of a quantitative characteristic with 9 states, the presentation of states of expression in the Test Guidelines may be abbreviated as follows:

| State | Note |
|--------|------|
| small | 3 |
| medium | 5 |
| large | 7 |

However, it should be noted that all of the following 9 states of expression exist to describe varieties and should be used as appropriate:

| State | Note |
|---------------------|------|
| very small | 1 |
| very small to small | 2 |
| small | 3 |
| small to medium | 4 |
| medium | 5 |
| medium to large | 6 |
| large | 7 |
| large to very large | 8 |
| very large | 9 |

6.2.3 Further explanation of the presentation of states of expression and notes is provided in document TGP/7 "Development of Test Guidelines".

6.3 Types of Expression

An explanation of the types of expression of characteristics (qualitative, quantitative and pseudo-qualitative) is provided in the General Introduction.

6.4 Example Varieties

Where appropriate, example varieties are provided to clarify the states of expression of each characteristic.

6.5 Legend

(*) Asterisked characteristic – see Chapter 6.1.2

QL Qualitative characteristic – see Chapter 6.3 QN Quantitative characteristic – see Chapter 6.3 PQ Pseudo-qualitative characteristic – see Chapter 6.3

MG, MS, VG, VS – see Chapter 4.1.5

- (+) See Explanations on the Table of Characteristics in Chapter 8.1.
- 0-89 See Explanations on the Table of Characteristics in Chapter 8.2.

7. <u>Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres</u>

| | | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|------------------|--------------------|--------------------------------|----------|---------|---------|--|---------------|
| 1. | | Ploidy | | | | | |
| (+) | | | | | | | |
| QL | | diploid | | | | Amerigo, Lisette, Oka, Wolga | 2 |
| G | | tetraploid | | | | Polyphaci | 4 |
| 2. | 35-39 VG | Plant: growth habit | | | | | |
| QN | | upright | | | | Asta, Mira | 1 |
| | | semi-upright | | | | Amerigo, Anabela, Balo | 2 |
| | | prostrate | | | | | 3 |
| 3. | | Leaf: intensity of green color | | | | | |
| QN | | light | | | | | 1 |
| | | medium | | | | | 2 |
| | | dark | | | | | 3 |
| 4. (*) | 61 MG | Time of beginning of flowering | | | | | |
| QN | | early | | | | Stala, Vetrovska | 3 |
| | | medium | | | | Amerigo, Anabela | 5 |
| | | late | | | | Beehappy | 7 |
| 5. (*) (+) | 62-65 VG/ MG | Plant: natural height | | | | | |
| QN | | short | | | | Asta | 3 |
| | | medium | | | | Anabela, Lilla, Natra | 5 |
| | | tall | | | | Balo, Mira, Stala | 7 |
| 6. | 62-65 VG | Stem: intensity of tillering | | | | | |
| (+) QN | | ahaant an waal | | | | Lisette | 4 |
| QIN | | absent or weak | | | | | 1 |
| | | medium | | | | Lilla | 2 |
| | CO CE | strong | | | | Anabela | 3 |
| 7. (+) | 62-65 VG | Stem: thickness | | | | | |
| QN | | thin | | | | Asta, Lilla | 1 |
| | | medium | | | | Anabela | 2 |
| | | thick | | | | | 3 |

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| | | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|------------|--------------------|--|----------|---------|---------|--|---------------|
| 8. (+) | 62-65 VG/ MS | Leaf: length | | | | | |
| QN | | short | | | | Astra, Atara, Balo | 1 |
| | | medium | | | | Anabela, Vetrovska | 3 |
| | | long | | | | Amerigo | 5 |
| 9. | VG/ | Leaf: width | | | | . 3 | |
| (+) | MS | | | | | | |
| QN | | narrow | | | | | 1 |
| | | medium | | | | | 3 |
| | | broad | | | | | 5 |
| 10. | 62-65 VG | Leaf: anthocyanin coloration | | | | | |
| QN | | absent or weak | | | | Lilla | 1 |
| | | medium | | | | | 2 |
| | | high | | | | Factotum | 3 |
| 11. (*) | | Inflorescence: color of flower | | | | | |
| QL | | white | | | | Blanca | 1 |
| G | | blue | | | | Angelia | 2 |
| | | violet | | | | | 4 |
| 12. (+) | | Infructescence: number of tendrils | | | | | |
| QN | | few | | | | Amerigo | 1 |
| | | medium | | | | Angelia, Oka | 2 |
| | | many | | | | Boratus, Meva | 3 |
| 13. | VG/ | Infructescence: structure of bunch of tendrils | | | | | |
| (+) QN | IVIS | | | | | | 0 |
| WIN. | | open | | | | | 3 |
| | | intermediate | | | | | 5 7 |
| 4.4 | 75 70 | | | | | | |
| 14. | VG/ | Infructescence: length | | | | | |
| (+) | MS | | | | | _ | |
| QN | | short | | | | Factotum | 1 |
| | | medium | | | | Vetrovska | 3 |
| | | long | | | | Titan | 5 |
| 15. | 89 MG | Seed: weight per 1,000 seeds | | | | | |
| QN | | low | | | | Lilla | 3 |
| | | medium | | | | Vetrovska | 5 |
| | | high | | | | Anabela | 7 |

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| | | English | français | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
|------------|----------|--------------|----------|---------|---------|--|---------------|
| 16. (*) | 89 VG | Seed: color | | | | | |
| QN | | light brown | | | | Amerigo | 1 |
| | | medium brown | | | | Lilla, Stala | 2 |
| | | dark brown | | | | Natra | 3 |

8. <u>Explanations on the Table of Characteristics</u>

8.1 Explanations for individual characteristics

Ad. 1: Ploidy

The ploidy should be determined by standard cytological methods.

Ad. 5: Plant: natural height

To be observed from the base to the top of inflorescence on the main stem.

Ad. 6: Stem: intensity of tillering





1 absent or weak

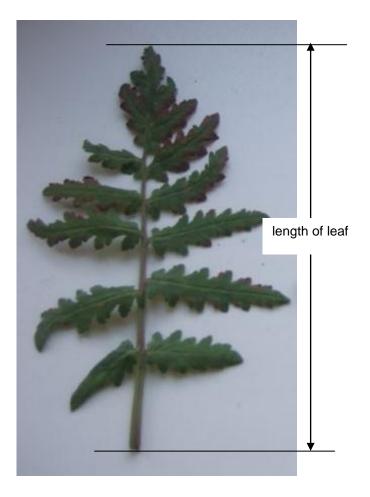
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Ad. 7: Stem: thickness

To be observed in the middle part of the 4th internode from the ground on the main stem.

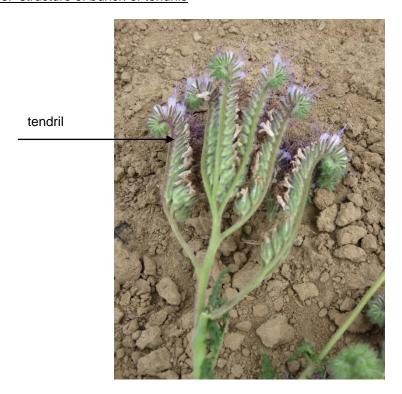
Ad. 8: Leaf: length Ad. 9: Leaf: width



A leaf from the middle part of main stem should be observed. Length of leaf should be measured from the base to the top of leaf. Width of leaf should be measured at the widest part.

Ad. 12: Inflorescence: number of tendrils

Ad. 13: Inflorescence: structure of bunch of tendrils



The number of tendrils and structure of bunch of tendrils should be observed in the inflorescence of the main stem.

Ad. 14: Infructescence: length



The infructescence should be observed from the uppermost leaf on the main stem to the top of inflorescence.

8.2 Explanations covering several characteristics

KEY FOR THE GROWTH STAGES

| KEY | GENERAL DESCRIPTION | |
|-----|---|--|
| 0 | Germination | |
| 00 | Dry Seed | |
| 10 | Leaf development | |
| 20 | Formation of side shoots | |
| 30 | Stem elongation, shoot development (main shoot) | |
| 31 | Stem 10% of final length | |
| 32 | Stem 20% of final length | |
| 33 | Stem 30% of final length | |
| 3 | Stages continuous till | |
| 39 | Maximum stem length reached | |
| 50 | Inflorescence emergence (main shoot) | |
| 60 | Flowering | |
| 61 | Beginning of flowering: 10% of flowers open | |
| 62 | 20% of flowers open | |
| 63 | 30% of flowers open | |
| 64 | 40% of flowers open | |
| 65 | Full flowering: 50% of flowers open, first petals may be fallen | |
| 67 | Flowering finishing: majority of petals fallen or dry | |
| 69 | End of flowering: fruit set visible | |
| 70 | Development of seeds | |
| 75 | 50% of seeds have reached final size | |
| 76 | 60% of seeds have reached final size | |
| 77 | 70% of seeds have reached final size | |
| 78 | 80% of seeds have reached final size | |
| 79 | All seeds have reached final size | |
| 80 | Maturity of seeds | |
| 89 | Fully ripe: seeds show fully-ripe color | |

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9. <u>Literature</u>

Demianowicz, Z., 1953: Rośliny miododajne. PWRiL, Warszawa, PL.

Jasinska Z., Kołecki A., 1999: Szczegółowa Uprawa Roślin. AXA, Wrocław, PL, p. 305.

Meyer, U. (Ed.), 1997: Growth stages of mono- and dicotyledonous plants: BBCH Monograph. Biologische Bundesanstalt für Land- und Forstwirtschaft (ed.). Blackwell Wiss.-Verlag. Wien, AT, pp. 100-105.

Podbielkowski, Z., 1985: Słownik roślin użytkowych. PWRiL, Warszawa, PL, p. 89.

10. <u>Technical Questionnaire</u>

| TECH | HNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | |
|------|--|---|--|--|--|
| | | | Application date: (not to be filled in by the applicant) | | |
| | to be completed | TECHNICAL QUESTION I in connection with an applicat | | | |
| 1. | Subject of the Technical Questionnaire | | | | |
| | 1.1 Botanical name | Phacelia tanacetifolia Benth. | | | |
| | 1.2 Common name | Scorpion Weed | | | |
| 2. | Applicant | | | | |
| | Name | | | | |
| | Address | | | | |
| | | | | | |
| | | | | | |
| | Telephone No. | | | | |
| | Fax No. | | | | |
| | E-mail address | | | | |
| | Breeder (if different from applic | eant) | | | |
| | | | | | |
| 3. | Proposed denomination and be | reeder's reference | | | |
| | Proposed denomination [(if available) | | | | |
| | Breeder's reference | | | | |

| TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: |
|-------------------------|-----------------|-------------------|

| [#] 4. | Info | rmation on | the bre | reeding scheme and propagation of the variety | |
|-----------------|------|----------------|---------------|--|--|
| | 4.1 | Breedin | g sche | eme | |
| | | Variety | resultir | ing from: | |
| | | 4.1.1 | Cross | ssing | |
| | | | (a) | controlled cross [] (please state parent varieties) | |
| | | (female pa | |) x () male parent | |
| | | | (b) | partially known cross [] (please state known parent variety(ies)) | |
| | | (female pa | |) x () male parent | |
| | | | (c) | unknown cross [] | |
| | | 4.1.2 | Muta (plea | ation [] asse state parent variety) | |
| | | 4.1.3 | | covery and development [] asse state where and when discovered and how developed) | |
| | | 4.1.4 | Othe (plea | er [] ase provide details) | |
| | | | | | |

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|---------------|---|--------------------|-------------------|---|
| | | | | |
| 4.2 Meth | nod of propagating the va | ariety | | |
| 4.2.1 | Seed-propagated varie | eties | | |
| | (a) Self-pollination (b) Cross-pollination (i) population (ii) synthetic (c) Hybrid (d) Other (please provide | on n variety |]]]] | |
| 4.2.2 | Other (please provide details | 5) | |] |
| | | | | |

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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 |
|-------------|--------------------------------|---------------------------------|------|
| 5.1 (1) | Ploidy | | |
| | diploid | Amerigo, Lisette, Oka, Wolga | 1[] |
| | tetraploid | Polyphaci | 2[] |
| 5.2 (4) | Time of beginning of flowering | | |
| | very early | | 1[] |
| | very early to early | | 2[] |
| | early | Stala, Vetrovska | 3[] |
| | early to medium | | 4[] |
| | medium | Amerigo, Anabela | 5[] |
| | medium to late | | 6[] |
| | late | Beehappy | 7[] |
| | late to very late | | 8[] |
| | very late | | 9[] |
| 5.3 (11) | Inflorescence: color of flower | | |
| | white | Blanca | 1[] |
| | blue | Angelia | 2[] |
| | violet | | 3[] |

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| TECHNICAL QUESTIONN | NAIRE | Page {x} of {y | y} Reference N | umber: | | | |
|---|--|-----------------|--|--------|--|--|--|
| | | | | | | | |
| 6. Similar varieties and differences from these varieties Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way. | | | | | | | |
| Denomination(s) of variety(ies) similar to your candidate variety | Characteristic your candidate from the similar | variety differs | Describe the expression the characteristic(s) for t similar variety(ies) | | | | |
| Example | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Comments: | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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| | | |

| [#] 7. | Additional information which may help in the examination of the variety | | | | | | | | | | | | |
|-----------------|---|----------------------------------|---------------------|--------|-------|--------|---------|--------|----------|----------|--------|--|--|
| 7.1 | In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety? | | | | | | | | | | | | |
| | Yes | [] | | No | [|] | | | | | | | |
| | (If yes, | please prov | vide details) | | | | | | | | | | |
| 7.2 | Are the | re any spec | cial conditions for | growin | g the | variet | y or co | onduct | ting the | e examin | ation? | | |
| | Yes | [] | | No | [|] | | | | | | | |
| | (If yes, | (If yes, please provide details) | | | | | | | | | | | |
| 7.3 | Other in | nformation | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 8. | Authori | zation for re | elease | | | | | | | | | | |
| | (a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health? | | | | | | | | | | | | |
| | | Yes [| . 1 | | No | [|] | | | | | | |
| | (b) Has such authorization been obtained? | | | | | | | | | | | | |
| | | Yes [| 1 | | No | [|] | | | | | | |
| | If the answer to (b) is yes, please attach a copy of the authorization. | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

[#] Authorities may allow certain of this information to be provided in a confidential section of the Technical Questionnaire.

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| TECH | NICAL | QUESTIONNAIRE | Page {x} of {y} | Reference Number | Reference Number: | | | | | |
|---|---|-----------------------------|-----------------|------------------|-------------------|--|--|--|--|--|
| | | | | | | | | | | |
| 9. | Information on plant material to be examined or submitted for examination. | | | | | | | | | |
| 9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc. | | | | | | | | | | |
| 9.2 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to: | | | | | | | | | | |
| | (a) | Microorganisms (e.g. virus, | | Yes [] | No [] | | | | | |
| | (b) | Chemical treatment (e.g. gi | Yes [] | No [] | | | | | | |
| | (c) | Tissue culture | Yes [] | No [] | | | | | | |
| | (d) | Other factors | Yes [] | No [] | | | | | | |
| | Please provide details for where you have indicated "yes". | | | | | | | | | |
| | | | | | | | | | | |
| 10. | 10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct: | | | | | | | | | |
| | Applicant's name | | | | | | | | | |
| | Signa | ture | | Date | | | | | | |

[End of document]