

UPOV

TG/NEMES(proj.1)

ORIGINAL: English

DATE: 2006-08-14

## INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

DRAFT

NEMESIA

UPOV Code: NEMES

*Nemesia* Vent.

## GUIDELINES

## FOR THE CONDUCT OF TESTS

## FOR DISTINCTNESS, UNIFORMITY AND STABILITY

*prepared by an expert from the United Kingdom*

*to be considered by the  
Technical Working Party for Ornamental Plants and Forest Trees  
at its thirty-ninth session, to be held in Fortaleza, Ceará State, Brazil,  
from August 28 to September 1, 2006*

Alternative Names: \*

| <i>Botanical name</i> | <i>English</i> | <i>French</i> | <i>German</i> | <i>Spanish</i> |
|-----------------------|----------------|---------------|---------------|----------------|
| <i>Nemesia</i> Vent.  | Nemesia        | Nemesia       | Nemesia       | Nemesia        |

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.

\* 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](http://www.upov.int)), for the latest information.]

## **ASSOCIATED DOCUMENTS**

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

| <u>TABLE OF CONTENTS</u>   | <u>PAGE</u> |
|--|-------------|
| 1. SUBJECT OF THESE TEST GUIDELINES.....   | 3           |
| 2. MATERIAL REQUIRED .....   | 3           |
| 3. METHOD OF EXAMINATION.....  | 3           |
| 3.1 Number of Growing Cycles .....   | 3           |
| 3.2 Testing Place .....  | 3           |
| 3.3 Conditions for Conducting the Examination.....   | 3           |
| 3.4 Test Design .....  | 4           |
| 3.5 Number of Plants / Parts of Plants to be Examined.....                                     | 4           |
| 3.6 Additional Tests .....   | 4           |
| 4. ASSESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY.....                                   | 4           |
| 4.1 Distinctness .....   | 4           |
| 4.2 Uniformity.....  | 5           |
| 4.3 Stability .....  | 5           |
| 5. GROUPING OF VARIETIES AND ORGANIZATION OF THE GROWING TRIAL.....                            | 5           |
| 6. INTRODUCTION TO THE TABLE OF CHARACTERISTICS .....  | 6           |
| 6.1 Categories of Characteristics.....   | 6           |
| 6.2 States of Expression and Corresponding Notes.....  | 7           |
| 6.3 Types of Expression .....  | 7           |
| 6.4 Example Varieties .....  | 7           |
| 6.5 Legend.....  | 7           |
| 7. TABLE OF CHARACTERISTICS/TABLEAU DES<br>CARACTÈRES/MERKMALSTABELLE/TABLA DE CARACTERES..... | 8           |
| 8. EXPLANATIONS ON THE TABLE OF CHARACTERISTICS .....  | 20          |
| 9. LITERATURE.....   | 23          |
| 10. TECHNICAL QUESTIONNAIRE.....   | 24          |

## 1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Nemesia* Vent. of the family *Scrophulariaceae*.

## 2. Material Required

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 rooted cuttings or seed.

2.3 The minimum quantity of plant material, to be supplied by the applicant, should be:

for vegetatively propagated varieties: 10 rooted cuttings;

for seed-propagated varieties: a sufficient quantity of seed to produce 40 plants

In the case of seed, the seed should meet the minimum requirements for germination, species and analytical purity, health and moisture content, specified by the competent authority.

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 a single growing cycle.

### 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. The plants should be grown in containers to observe the plant growth habit (characteristic 1).

3.3.2 Because daylight varies, color determinations made against a color chart should be made either in a suitable cabinet providing artificial daylight or in the middle of the day in a room without direct sunlight. The spectral distribution of the illuminant for artificial

daylight should conform with the CIE Standard of Preferred Daylight D 6500 and should fall within the tolerances set out in the British Standard 950, Part I. These determinations should be made with the plant part placed against a white background.

### 3.4 *Test Design*

3.4.1 Vegetatively propagated varieties: each test should be designed to result in a total of at least 10 plants.

3.4.2 Seed propagated varieties: each test should be designed to result in a total of at least 40 plants.

3.4.3 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 *Number of Plants / Parts of Plants to be Examined*

3.5.1 Vegetatively propagated varieties: unless otherwise indicated, all observations **on single plants** should be made on 10 plants or parts taken from each of 10 plants and any other observations made on all plants in the test.

3.5.2 Seed propagated varieties: unless otherwise indicated, all observations **on single plants** should be made on 20 plants or parts taken from each of 20 plants and any other observations made on all plants in the test.

### 3.6 *Additional Tests*

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

## 4. Assessment of Distinctness, Uniformity and Stability

### 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.

## 4.2 *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 For the assessment of uniformity of vegetatively propagated varieties, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 10 plants, one off-type is allowed.

4.2.3 For the assessment of uniformity of seed propagated varieties which are self-pollinated, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 40 plants, 2 off-types are allowed.

4.2.4 For the assessment of uniformity of seed propagated varieties which are cross-pollinated or hybrids, the recommendations in the General Introduction for cross-pollinated or hybrid varieties should be followed, as appropriate.

## 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 tested, either by growing a further generation, or by testing a new seed or plant stock to ensure that it exhibits the same characteristics as those shown by the previous material supplied.

4.3.3 Where appropriate, or in cases of doubt, the stability of a hybrid variety may, in addition to an examination of the hybrid variety itself, also be assessed by examination of the uniformity and stability of its parent lines

## 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) Plant: growth habit (characteristic 1)

(b) Upper lip of corolla: main color of inner surface (characteristic 24) and Lower lip of corolla: main color of inner surface (characteristic 38), both with the following groups:

- Gr. 1: white
- Gr. 2: yellow
- Gr. 3: yellow orange
- Gr. 4: orange
- Gr. 5: orange pink
- Gr 6: pink
- Gr. 7: blue pink
- Gr 8: pink red
- Gr: 9 red
- Gr 10: red purple
- Gr 11: light violet
- Gr 12 medium violet
- Gr 13 dark violet
- Gr 14 violet blue
- Gr 15 blue

(c) Palate: color (characteristic 44)

5.4 Guidance for the use of grouping characteristics, in the process of examining distinctness, is provided through the General Introduction.

## 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*

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.

## 6.3 *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

(a)-(c) See Explanations on the Table of Characteristics in Chapter 8.1

(+) See Explanations on the Table of Characteristics in Chapter 8.2

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

| Char. No. | Method of Examination | English                               | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|-----------|-----------------------|---------------------------------------|----------|---------|---------|--|---------------|--|
| <b>1.</b> |                       | <b>Plant: growth habit</b>            |          |         |         |  |               |  |
| (*)       |                       |                                       |          |         |         |  |               |  |
| <b>PQ</b> |                       | upright                               |          |         |         | Inuppink   | 1             |  |
|           |                       | semi-upright                          |          |         |         | D0158-1  | 2             |  |
|           |                       | spreading                             |          |         |         | Sumnem 03  | 3             |  |
|           |                       | semi-trailing                         |          |         |         | Inupsaf  | 4             |  |
|           |                       | trailing                              |          |         |         | Organza  | 5             |  |
| <b>2.</b> |                       | <b>Plant: height</b>                  |          |         |         |  |               |  |
| (+)       |                       |                                       |          |         |         |  |               |  |
| <b>QN</b> |                       | short                                 |          |         |         | Yateye   | 3             |  |
|           |                       | medium                                |          |         |         | D0158-1  | 5             |  |
|           |                       | tall                                  |          |         |         | Inuppink   | 7             |  |
| <b>3.</b> |                       | <b>Plant: width at broadest point</b> |          |         |         |  |               |  |
| <b>QN</b> |                       | narrow                                |          |         |         | Yateye   | 3             |  |
|           |                       | medium                                |          |         |         | D0158-1  | 5             |  |
|           |                       | broad                                 |          |         |         | Inuppink   | 7             |  |
| <b>4.</b> |                       | <b>Plant: density</b>                 |          |         |         |  |               |  |
| (*)       |                       |                                       |          |         |         |  |               |  |
| <b>QN</b> |                       | sparse                                |          |         |         | Yateye   | 3             |  |
|           |                       | medium                                |          |         |         | Balarropi  | 5             |  |
|           |                       | dense                                 |          |         |         | D0158-1  | 7             |  |



| <b>Char. No.</b>   | Method of Examination | English   | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|--------------------|-----------------------|---|----------|---------|---------|--|---------------|--|
| <b>5.</b>          |                       | <b>Stem: thickness</b>                                      |          |         |         |  |               |  |
| <b>QN</b>          |                       | narrow  |          |         |         | Innocence  | 1             |  |
|                    |                       | medium  |          |         |         | Balarropi  | 2             |  |
|                    |                       | thick   |          |         |         | D0158-1  | 3             |  |
| <b>6.<br/>(* )</b> |                       | <b>Leaf blade: length</b>                                   |          |         |         |  |               |  |
| <b>QN</b>          | <b>(a)</b>            | short   |          |         |         | Balarcomwhit   | 3             |  |
|                    |                       | medium  |          |         |         | Inuppink   | 5             |  |
|                    |                       | long  |          |         |         | Imprinno   | 7             |  |
| <b>7.<br/>(* )</b> |                       | <b>Leaf blade: width</b>                                    |          |         |         |  |               |  |
| <b>QN</b>          | <b>(a)</b>            | narrow  |          |         |         | Innocence  | 3             |  |
|                    |                       | medium  |          |         |         | Imprinno   | 5             |  |
|                    |                       | broad   |          |         |         | D0158-1  | 7             |  |
| <b>8.</b>          |                       | <b>Leaf blade: length<br/>width ratio</b>                   |          |         |         |  |               |  |
| <b>QN</b>          | <b>(a)</b>            | low   |          |         |         | D0158-1  | 3             |  |
|                    |                       | medium  |          |         |         |  | 5             |  |
|                    |                       | high  |          |         |         | Innocence  | 7             |  |
| <b>9.</b>          |                       | <b>Leaf blade: number<br/>of indentations of<br/>margin</b> |          |         |         |  |               |  |
| <b>QN</b>          | <b>(a)</b>            | low   |          |         |         | Imprinno   | 3             |  |
|                    |                       | medium  |          |         |         | Sugar Girl   | 5             |  |
|                    |                       | high  |          |         |         | Snowstorm  | 7             |  |
| <b>10.</b>         |                       | <b>Leaf blade: depth of<br/>indentations of<br/>margin</b>  |          |         |         |  |               |  |
| <b>QN</b>          | <b>(a)</b>            | shallow   |          |         |         | Organza  | 3             |  |
|                    |                       | medium  |          |         |         | Honey Girl   | 5             |  |
|                    |                       | deep  |          |         |         | Nemhabar   | 7             |  |

| <b>Char. No.</b>                  | <b>Method of Examination</b> | English  | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|-----------------------------------|------------------------------|--|----------|---------|---------|--|---------------|--|
| <b>11.<br/>(*<br/>(*)</b>         |                              | <b>Leaf blade:<br/>variegation</b>                         |          |         |         |  |               |  |
| <b>QL</b>                         | <b>(a)</b>                   | absent   |          |         |         | Inuppink   | 1             |  |
|                                   | <b>(b)</b>                   | present  |          |         |         | Tanith's Treasure  | 9             |  |
| <b>12.<br/>(*<br/>(*)<br/>(+)</b> |                              | <b>Leaf blade: main<br/>color</b>                          |          |         |         |  |               |  |
| <b>PQ</b>                         | <b>(a)</b>                   | light yellow   |          |         |         |  | 1             |  |
|                                   | <b>(b)</b>                   | medium yellow  |          |         |         |  | 2             |  |
|                                   |                              | dark yellow  |          |         |         |  | 3             |  |
|                                   |                              | yellow green   |          |         |         |  | 4             |  |
|                                   |                              | light green  |          |         |         |  | 5             |  |
|                                   |                              | medium green   |          |         |         | Organza  | 6             |  |
|                                   |                              | dark green   |          |         |         | Nemhabar   | 7             |  |
| <b>13.<br/>(*<br/>(*)</b>         |                              | <b>Leaf blade:<br/>secondary color</b>                     |          |         |         |  |               |  |
| <b>PQ</b>                         | <b>(a)</b>                   | light yellow   |          |         |         | Tanith's Treasure  | 1             |  |
|                                   | <b>(b)</b>                   | medium yellow  |          |         |         |  | 2             |  |
|                                   |                              | dark yellow  |          |         |         |  | 3             |  |
|                                   |                              | yellow green   |          |         |         |  | 4             |  |
|                                   |                              | light green  |          |         |         |  | 5             |  |
|                                   |                              | medium green   |          |         |         |  | 6             |  |
|                                   |                              | dark green   |          |         |         |  | 7             |  |
| <b>14.</b>                        |                              | <b>Leaf blade:<br/>distribution of<br/>secondary color</b> |          |         |         |  |               |  |
| <b>PQ</b>                         | <b>(a)</b>                   | margin only  |          |         |         | Tanith's Treasure  | 1             |  |
|                                   | <b>(b)</b>                   | margin and central<br>zone                                 |          |         |         |  | 2             |  |
|                                   |                              | central zone only  |          |         |         |  | 3             |  |

| Char. No.  | Method of Examination | English                       | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|------------|-----------------------|-------------------------------|----------|---------|---------|--|---------------|--|
| <b>15.</b> |                       | <b>Inflorescence: density</b> |          |         |         |  |               |  |
| (+)        |                       |                               |          |         |         |  |               |  |
| QN         |                       | sparse                        |          |         |         | Organza  | 3             |  |
|            |                       | medium                        |          |         |         | Innocence  | 5             |  |
|            |                       | dense                         |          |         |         | Nemhswhi   | 7             |  |
| <b>16.</b> |                       | <b>Flower: fragrance</b>      |          |         |         |  |               |  |
| QN         |                       | absent or very weak           |          |         |         | Organza  | 1             |  |
|            |                       | weak                          |          |         |         | Innocence  | 2             |  |
|            |                       | strong                        |          |         |         | Claudette  | 3             |  |
| <b>17.</b> |                       | <b>Corolla: length</b>        |          |         |         |  |               |  |
| (*)        |                       |                               |          |         |         |  |               |  |
| (+)        |                       |                               |          |         |         |  |               |  |
| QN         | (c)                   | short                         |          |         |         | Sumnem 07  | 3             |  |
|            |                       | medium                        |          |         |         | Nemhabar   | 5             |  |
|            |                       | long                          |          |         |         | Inupsaf  | 7             |  |
| <b>18.</b> |                       | <b>Corolla :width</b>         |          |         |         |  |               |  |
| (*)        |                       |                               |          |         |         |  |               |  |
| (+)        |                       |                               |          |         |         |  |               |  |
| QN         | (c)                   | narrow                        |          |         |         | Sumnem 07  | 3             |  |
|            |                       | medium                        |          |         |         | Nemhabar   | 5             |  |
|            |                       | broad                         |          |         |         | Inupsaf  | 7             |  |

| Char. No.         | Method of Examination | English  | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|-------------------|-----------------------|--|----------|---------|---------|--|---------------|--|
| <b>19.</b><br>(*) |                       | <b>Corolla: length of upper lip relative to lower lip</b>                      |          |         |         |  |               |  |
| QN                | (c)                   | upper lip much shorter than lower lip  |          |         |         |  | 1             |  |
|                   |                       | upper lip moderately shorter than lower lip                                    |          |         |         | Inuspink 8   | 3             |  |
|                   |                       | upper lip approximately equal to lower lip                                     |          |         |         | Sumnem 03  | 5             |  |
|                   |                       | upper lip moderately longer than lower lip                                     |          |         |         | Lemon Drops  | 7             |  |
|                   |                       | upper lip much longer than lower lip   |          |         |         | Masquerade   | 9             |  |
| <b>20.</b><br>(+) |                       | <b>Upper lip of corolla: relative position of central lobes</b>                |          |         |         |  |               |  |
| QN                | (c)                   | separate   |          |         |         | Nemhawit   | 1             |  |
|                   |                       | touching   |          |         |         | Innocence  | 2             |  |
|                   |                       | overlapping  |          |         |         | Nemhswi  | 3             |  |
| <b>21.</b><br>(+) |                       | <b>Upper lip of corolla: attitude of lateral lobes (viewed from the front)</b> |          |         |         |  |               |  |
| PQ                | (c)                   | almost upright   |          |         |         | Masquerade   | 1             |  |
|                   |                       | slightly outwards  |          |         |         | Nemhapin   | 2             |  |
|                   |                       | outwards   |          |         |         | Honey Girl   | 3             |  |
|                   |                       | almost horizontal  |          |         |         | Nemhabar   | 4             |  |

| Char. No.  | Method of Examination | English   | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |  |
|------------|-----------------------|---|----------|---------|---------|--|---------------|--|
| <b>22.</b> |                       | <b>Upper lip of corolla:<br/>position of lateral lobes relative to central lobes (viewed from the side)</b> |          |         |         |  |               |  |
| (+)        |                       |   |          |         |         |  |               |  |
| PQ         | (c)                   | to the front of central lobes   |          |         |         | Snowstorm  | 1             |  |
|            |                       | in line with central upper lobes  |          |         |         | Innocence  | 2             |  |
|            |                       | slightly back from central lobes  |          |         |         | Nemhapin   | 3             |  |
|            |                       | strongly back from central lobes  |          |         |         | Nemhabar, New Mystic Girl  | 4             |  |
| <b>23.</b> |                       | <b>Upper lip of corolla:<br/>shape of lateral lobes</b>   |          |         |         |  |               |  |
| PQ         | (c)                   | triangular  |          |         |         | Masquerade   | 1             |  |
|            |                       | oblong  |          |         |         | Honey Girl   | 2             |  |
|            |                       | rounded   |          |         |         | Innkarwhi  | 3             |  |
| <b>24.</b> |                       | <b>Upper lip of corolla:<br/>main color</b>   |          |         |         |  |               |  |
| (*)        |                       |   |          |         |         |  |               |  |
| PQ         | (c)                   | RHS Colour Chart (indicate reference number)  |          |         |         |  |               |  |
| <b>25.</b> |                       | <b>Upper lip of corolla:<br/>veining</b>  |          |         |         |  |               |  |
| QN         | (c)                   | absent or very weak   |          |         |         | Innocence  | 1             |  |
|            |                       | weak  |          |         |         | Imprinno   | 2             |  |
|            |                       | medium  |          |         |         |  | 3             |  |
|            |                       | strong  |          |         |         | Sumnem 03  | 4             |  |
| <b>26.</b> |                       | <b>Upper lip of corolla:<br/>length of veins</b>  |          |         |         |  |               |  |
| QN         | (c)                   | in the basal quarter  |          |         |         | Imprinno   | 3             |  |
|            |                       | in the basal half   |          |         |         | Sumnem 03  | 5             |  |
|            |                       | in the basal three quarters   |          |         |         |  | 7             |  |

| <b>Char. No.</b> | <b>Method of Examination</b> | <b>English</b>  | <b>français</b> | <b>deutsch</b> | <b>español</b> | <b>Example Varieties<br/>Exemples<br/>Beispielssorten<br/>Variedades ejemplo</b> | <b>Note/<br/>Nota</b> |  |
|------------------|------------------------------|---|-----------------|----------------|----------------|--|-----------------------|--|
| <b>27.</b>       |                              | <b>Upper lip of corolla:<br/>color of veins</b>                 |                 |                |                |  |                       |  |
| <b>PQ</b>        | <b>(c)</b>                   | pink  |                 |                |                |  | 1                     |  |
|                  |                              | orange  |                 |                |                |  | 2                     |  |
|                  |                              | orange red  |                 |                |                |  | 3                     |  |
|                  |                              | red pink  |                 |                |                |  | 4                     |  |
|                  |                              | red   |                 |                |                |  | 5                     |  |
|                  |                              | purple  |                 |                |                |  | 6                     |  |
|                  |                              | violet  |                 |                |                |  | 7                     |  |
|                  |                              | violet blue   |                 |                |                | Sumnem 03  | 8                     |  |
| <b>28.</b>       |                              | <b>Upper lip of corolla:<br/>size of basal blotch</b>           |                 |                |                |  |                       |  |
| <b>QN</b>        | <b>(c)</b>                   | absent or very small  |                 |                |                |  | 1                     |  |
|                  |                              | small   |                 |                |                | Nemhorfla  | 3                     |  |
|                  |                              | medium  |                 |                |                |  | 5                     |  |
|                  |                              | large   |                 |                |                | Inuppink   | 7                     |  |
| <b>29.</b>       |                              | <b>Upper lip of corolla:<br/>prominence of basal<br/>blotch</b> |                 |                |                |  |                       |  |
| <b>QN</b>        | <b>(c)</b>                   | weak  |                 |                |                |  | 2                     |  |
|                  |                              | medium  |                 |                |                | Inupsaf  | 3                     |  |
|                  |                              | strong  |                 |                |                | Organza  | 4                     |  |

| <b>Char. No.</b>    | <b>Method of Examination</b> | <b>English</b>  | <b>français</b> | <b>deutsch</b> | <b>español</b> | <b>Example Varieties<br/>Exemples<br/>Beispielssorten<br/>Variedades ejemplo</b> | <b>Note/<br/>Nota</b> |   |
|---------------------|------------------------------|---|-----------------|----------------|----------------|--|-----------------------|---|
| <b>30.<br/>(* )</b> |                              | <b>Upper lip of corolla:<br/>color of basal blotch</b>                  |                 |                |                |  |                       |   |
| <b>PQ</b>           | <b>(c)</b>                   | yellow  |                 |                |                | Lemon Drops  |                       |   |
|                     |                              | orange  |                 |                |                |  |                       |   |
|                     |                              | red   |                 |                |                | Nemhorfla  | 1                     |   |
|                     |                              | purple  |                 |                |                | Organza  | 2                     |   |
|                     |                              | light violet  |                 |                |                |  | 3                     |   |
|                     |                              | medium violet   |                 |                |                | Inupsaf  | 4                     |   |
|                     |                              | dark violet   |                 |                |                | Sunnyside  | 5                     |   |
|                     |                              | violet blue   |                 |                |                |  | 6                     |   |
| <b>31.</b>          |                              | <b>Upper lip of corolla:<br/>color of outer<br/>surface</b>             |                 |                |                |  |                       |   |
| <b>PQ</b>           | <b>(c)</b>                   | RHS Colour Chart<br>(indicate reference<br>number)                      |                 |                |                |  |                       |   |
| <b>32.</b>          |                              | <b>Upper lip of corolla:<br/>veining of outer<br/>surface</b>           |                 |                |                |  |                       |   |
| <b>QN</b>           | <b>(c)</b>                   | absent or very weak   |                 |                |                | Inupsaf  | 1                     |   |
|                     |                              | weak  |                 |                |                |  | 3                     |   |
|                     |                              | medium  |                 |                |                |  | 5                     |   |
|                     |                              | strong  |                 |                |                | Nemhmagó   | 7                     |   |
| <b>33.</b>          |                              | <b>Upper lip of corolla:<br/>length of veining of<br/>outer surface</b> |                 |                |                |  |                       |   |
| <b>QN</b>           | <b>(c)</b>                   | In the basal quarter  |                 |                |                |  |                       | 3 |
|                     |                              | In the basal half   |                 |                |                |  |                       | 5 |
|                     |                              | In the basal three<br>quarters  |                 |                |                |  |                       | 7 |

| Char. No.  | Method of Examination | English  | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|------------|-----------------------|--|----------|---------|---------|--|---------------|
| <b>34.</b> |                       | <b>Upper lip of corolla:<br/>color of veining of<br/>outer surface</b> |          |         |         |  |               |
| PQ         | (c)                   | pink   |          |         |         |  | 1             |
|            |                       | orange   |          |         |         |  | 2             |
|            |                       | orange red   |          |         |         |  | 3             |
|            |                       | red pink   |          |         |         | Organza  | 4             |
|            |                       | red  |          |         |         | Nemhorfla  | 5             |
|            |                       | purple   |          |         |         |  | 6             |
|            |                       | violet   |          |         |         |  | 7             |
|            |                       | violet blue  |          |         |         |  | 8             |
| <b>35.</b> |                       | <b>Lower lip of corolla:<br/>incurving</b>                             |          |         |         |  |               |
| (+)        |                       |  |          |         |         |  |               |
| QN         | (c)                   | absent or weak   |          |         |         | Sumnem 03  | 1             |
|            |                       | medium   |          |         |         |  | 2             |
|            |                       | strong   |          |         |         | Innocence  | 3             |
| <b>36.</b> |                       | <b>Lower lip of corolla:<br/>undulation</b>                            |          |         |         |  |               |
| QN         | (c)                   | absent or nearly so  |          |         |         | Organza  | 1             |
|            |                       | weak   |          |         |         | Sumnem 03  | 3             |
|            |                       | medium   |          |         |         |  | 5             |
|            |                       | strong   |          |         |         | Inuppink   | 7             |
| <b>37.</b> |                       | <b>Lower lip of corolla:<br/>indentation of<br/>margin</b>             |          |         |         |  |               |
|            | (c)                   | absent or very weak  |          |         |         | Organza  | 1             |
|            |                       | weak   |          |         |         | Nemhswhi   | 3             |
|            |                       | medium   |          |         |         |  | 5             |
|            |                       | strong   |          |         |         | Inupspink8   | 7             |



| <b>Char. No.</b>    | <b>Method of Examination</b> | <b>English</b>  | <b>français</b> | <b>deutsch</b> | <b>español</b> | <b>Example Varieties<br/>Exemples<br/>Beispielssorten<br/>Variedades ejemplo</b> | <b>Note/<br/>Nota</b> |
|---------------------|------------------------------|---|-----------------|----------------|----------------|--|-----------------------|
| <b>38.<br/>(* )</b> |                              | <b>Lower lip of corolla:<br/>main color</b>                             |                 |                |                |  |                       |
| <b>PQ</b>           | <b>(c)</b>                   | RHS Colour Chart<br>(indicate reference number)                         |                 |                |                |  |                       |
| <b>39.</b>          |                              | <b>Lower lip of corolla:<br/>main color of outer<br/>surface</b>        |                 |                |                |  |                       |
|                     | <b>(c)</b>                   | RHS Colour Chart<br>(indicate reference number)                         |                 |                |                |  |                       |
| <b>40.</b>          |                              | <b>Lower lip of corolla:<br/>veining of outer<br/>surface</b>           |                 |                |                |  |                       |
|                     | <b>(c)</b>                   | absent or very weak   |                 |                |                | Inupsaf  | 1                     |
|                     |                              | weak  |                 |                |                |  | 3                     |
|                     |                              | moderate  |                 |                |                | Nemhmago   | 5                     |
|                     |                              | strong  |                 |                |                | Organza  | 7                     |
| <b>41.</b>          |                              | <b>Lower lip of corolla:<br/>length of veining of<br/>outer surface</b> |                 |                |                |  |                       |
|                     | <b>(c)</b>                   | in the basal quarter  |                 |                |                |  | 3                     |
|                     |                              | in the basal half   |                 |                |                |  | 5                     |
|                     |                              | in the basal three<br>quarters  |                 |                |                |  | 7                     |

| Char.<br>No.             | Method of<br>Examination | English  | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|--------------------------|--------------------------|--|----------|---------|---------|--|---------------|
| <b>42.</b>               |                          | <b>Lower lip of corolla:<br/>color of veining of<br/>outer surface</b> |          |         |         |  |               |
|                          | (c)                      | pink   |          |         |         |  | 1             |
|                          |                          | orange   |          |         |         |  | 2             |
|                          |                          | orange red   |          |         |         |  | 3             |
|                          |                          | red pink   |          |         |         | Organza  | 4             |
|                          |                          | red  |          |         |         | Nemhorfla  | 5             |
|                          |                          | purple   |          |         |         |  | 6             |
|                          |                          | violet   |          |         |         |  | 7             |
|                          |                          | violet blue  |          |         |         |  | 8             |
| <b>43.</b><br>(*)<br>(+) |                          | <b>Palate: size relative<br/>to size of lower<br/>corolla lip</b>      |          |         |         |  |               |
| QN                       | (c)                      | small  |          |         |         | Nemhswhi   | 3             |
|                          |                          | medium   |          |         |         | Nemhabar   | 5             |
|                          |                          | large  |          |         |         | Inuppink   | 7             |
| <b>44.</b><br>(*)        |                          | <b>Palate: color</b>   |          |         |         |  |               |
|                          | (c)                      | white or nearly white  |          |         |         | Pure Lagoon  | 1             |
|                          |                          | pale yellow  |          |         |         | Nemhapin   | 2             |
|                          |                          | mid yellow   |          |         |         | Balarropi  | 3             |
|                          |                          | dark yellow  |          |         |         | Iupguava   | 4             |
|                          |                          | yellow orange  |          |         |         | Yateye   | 5             |
|                          |                          | orange   |          |         |         | E0157-1  | 6             |
|                          |                          | orange red   |          |         |         |  | 7             |
|                          |                          | red  |          |         |         |  | 8             |
|                          |                          | purple   |          |         |         |  | 9             |
|                          |                          | purple violet  |          |         |         | Blue Button  | 10            |
|                          |                          | brownish   |          |         |         |  | 11            |

| Char.<br>No.        | Method of<br>Examination | English  | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---------------------|--------------------------|--|----------|---------|---------|--|---------------|
| <b>45.</b>          |                          | <b>Palate: hairs</b>   |          |         |         |  |               |
|                     | (c)                      | absent   |          |         |         | Balarropi  | 1             |
|                     |                          | present  |          |         |         | Organza  | 9             |
| <b>46.<br/>(* )</b> |                          | <b>Spur: length<br/>relative to lower lip<br/>of corolla</b> |          |         |         |  |               |
|                     | (c)                      | absent or nearly so  |          |         |         | Organza  | 1             |
|                     |                          | short  |          |         |         | Sugar Girl   | 3             |
|                     |                          | medium   |          |         |         | Balarropi  | 5             |
|                     |                          | long   |          |         |         | Sumnem 03  | 7             |
| <b>47.</b>          |                          | <b>Corolla: color<br/>change with age</b>                    |          |         |         |  |               |
| <b>QN</b>           |                          | absent or very weak  |          |         |         | Innocence  | 1             |
|                     |                          | weak   |          |         |         |  | 2             |
|                     |                          | strong   |          |         |         | Claudette  | 3             |
| <b>48.<br/>(+)</b>  |                          | <b>Inflorance: density<br/>of seed capsules</b>              |          |         |         |  |               |
| <b>QN</b>           |                          | absent or nearly so  |          |         |         | Nemhswhi   | 1             |
|                     |                          | sparse   |          |         |         |  | 2             |
|                     |                          | medium   |          |         |         | Honey Girl   | 3             |
|                     |                          | dense  |          |         |         | Sumnem 03  | 4             |

## 8. Explanations on the Table of Characteristics

### 8.1 *Explanations covering several characteristics*

Unless otherwise indicated, all characteristics should be observed at the time of full flowering.

Characteristics containing the following key in the second column of the Table of Characteristics should be examined as indicated below:

(a) Observations on the leaf blade should be made on fully expanded leaves from the middle third of a flowering stem.

(b) To be observed on the upper surface of the leaf blade.

(c) Observations on the corolla should be made on fresh fully open flowers.

### 8.2 *Explanations for individual characteristics*

#### Ad. 2: Plant: height

Plant height should be measured from the surface of the growing medium/container.

#### Ad. 12: Leaf: main color

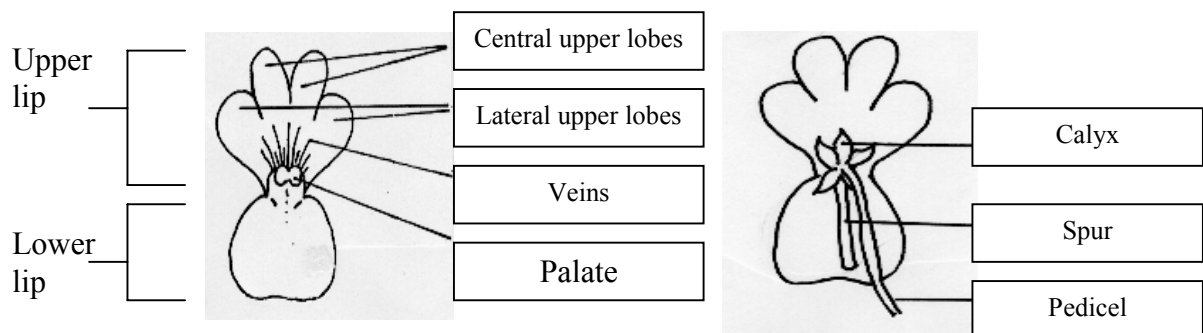
The main color is the one with the largest surface area.

#### Ad. 15: Inflorescence: density

Observations should be made on the middle third of an inflorescence.

#### Ad. 17: Corolla length

#### Ad. 18: Corolla width

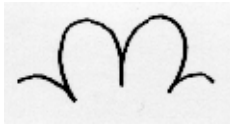


The natural length and width should be assessed.

Ad. 20: Upper lip of corolla: relative position of central lobes



1. Separate

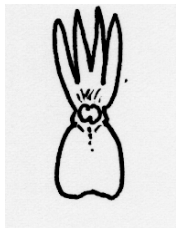


2. Touching

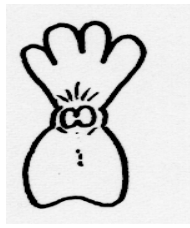


3. Overlapping

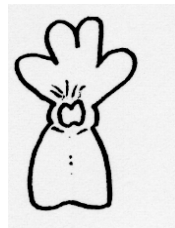
Ad. 21: Upper lip of corolla: attitude of lateral lobes (viewed from the front)



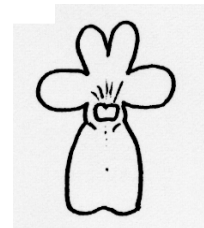
1.



2.

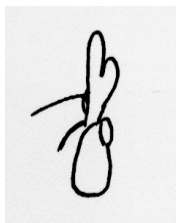


3.

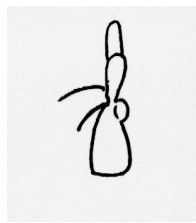


4.

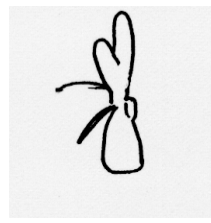
Ad. 21: Upper lip of corolla: position of lateral lobes relative to central lobes (viewed from the side)



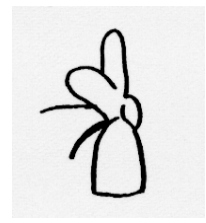
To the front of  
central lobes



In line with  
central lobes

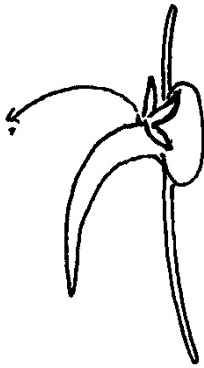


Slightly back  
from central  
lobes

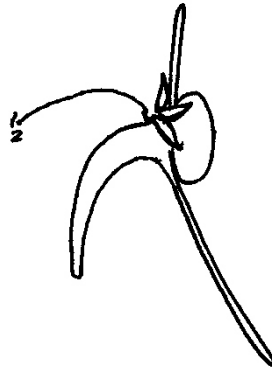


Strongly back  
from central  
lobes

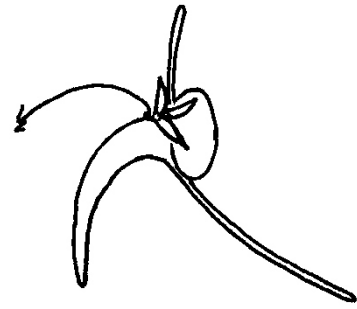
Ad. 35: Lower lip of corolla: incurving



1  
absent or weak



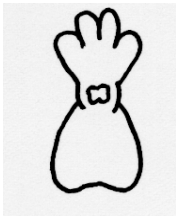
2  
medium



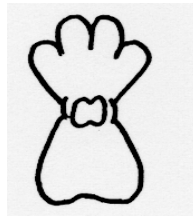
3  
strong

To be observed on fully expanded flowers.

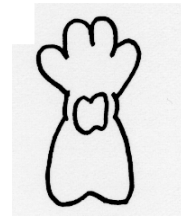
Ad. 43: Palate: size relative to size of lower corolla lip



3. Small



5. Medium



7. Large

Ad. 48: Inflorescence: density of seed capsules

This characteristic should be assessed once the trial has been in full flower for some time. Varieties which set seed will begin to do so rather quickly.

9. Literature

Brickell, C (ed.). (1996). The Royal Horticultural Society A-Z Encyclopedia of Garden Plants, Dorling Kindersley Ltd., London.

Huxley, A. (ed.), Griffiths, M. (ed.), Levy, M. (ed.). (1999). The Royal Horticultural Society Dictionary of Gardening, McMillan Reference Ltd., London

10. Technical Questionnaire

|   |  |   |
|---|--|---|
| TECHNICAL QUESTIONNAIRE   | Page {x} of {y}                            | Reference Number:   |
|   |  | Application date:<br>(not to be filled in by the applicant) |
| TECHNICAL QUESTIONNAIRE<br>to be completed in connection with an application for plant breeders' rights |  |   |
| 1. Subject of the Technical Questionnaire   |  |   |
| 1.1.1 Botanical name  | <input type="text" value="Nemesia Vent."/> |   |
| 1.1.2 Common name   | <input type="text" value="Nemesia"/>       |   |
| 1.2 Species/Group<br>(please complete)  | <input type="text"/>                       |   |
| 2. Applicant  |  |   |
| Name  | <input type="text"/>                       |   |
| Address   | <input type="text"/>                       |   |
| Telephone No.   | <input type="text"/>                       |   |
| Fax No.   | <input type="text"/>                       |   |
| E-mail address  | <input type="text"/>                       |   |
| Breeder (if different from applicant)   | <input type="text"/>                       |   |
| 3. Proposed denomination and breeder's reference  |  |   |
| Proposed denomination<br>(if available)   | <input type="text"/>                       |   |
| Breeder's reference   | <input type="text"/>                       |   |



| TECHNICAL QUESTIONNAIRE   | Page {x} of {y} | Reference Number: |
|---|-----------------|-------------------|
| <p>#4. Information on the breeding scheme and propagation of the variety</p> <p>4.1 Breeding scheme</p> <p>Variety resulting from:</p> <p>4.1.1 Crossing</p> <p>(a) controlled cross [ ]<br/>(please state parent varieties)</p> <p>(b) partially known cross [ ]<br/>(please state known parent variety(ies))</p> <p>(c) unknown cross [ ]</p> <p>4.1.2 Mutation [ ]<br/>(please state parent variety)</p> <p>4.1.3 Discovery and development [ ]<br/>(please state where and when discovered<br/>and how developed)</p> <p>4.1.4 Other [ ]<br/>(please provide details)</p> |                 |                   |

---

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

| TECHNICAL QUESTIONNAIRE   | Page {x} of {y} | Reference Number: |
|---|-----------------|-------------------|
| <p>4.2 Method of propagating the variety</p> <p>4.2.1 Vegetatively propagated varieties:</p> <p>(a) cuttings [ ]</p> <p>(b) <i>in vitro</i> propagation [ ]</p> <p>(c) other (state method) [ ]</p> <p>4.2.2 Seed-propagated varieties</p> <p>(a) Self-pollination [ ]</p> <p>(b) Cross-pollination</p> <p>(i) population [ ]</p> <p>(ii) synthetic variety [ ]</p> <p>(c) Hybrid [ ]</p> <p>(d) Other [ ]<br/>(please provide details)</p> <p>4.2.3 Other [ ]<br/>(please provide details)</p> |                 |                   |

| TECHNICAL QUESTIONNAIRE   | Page {x} of {y}   | Reference Number: |  |
|---|-------------------|-------------------|--|
| <p>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).</p> |                   |                   |  |
| Characteristics   | Example Varieties | Note              |  |
| <p><b>5.1 Plant: growth habit (1)</b></p>   |                   |                   |  |
| upright   | Inuppink          | 1                 |  |
| semi-upright  | D0158-1           | 2                 |  |
| spreading   | Sumnem 03         | 3                 |  |
| semi-trailing   | Inupsaf           | 4                 |  |
| trailing  | Organza           | 5                 |  |
| <p><b>5.2 Leaf blade: variegation (11)</b></p>  |                   |                   |  |
| absent  | Innupink          | 1                 |  |
| present   | Tanith's Treasure | 9                 |  |
| <p><b>5.3 Leaf blade: main color (12)</b></p>   |                   |                   |  |
| light yellow  |                   | 1                 |  |
| medium yellow   |                   | 2                 |  |
| dark yellow   |                   | 3                 |  |
| yellow green  |                   | 4                 |  |
| light green   |                   | 5                 |  |
| medium green  | Organza           | 6                 |  |
| dark green  | Nemhabar          | 7                 |  |
| <p><b>5.4 Corolla: length (17)</b></p>  |                   |                   |  |
| short   | Sumnem 07         | 3                 |  |
| medium  | Nemhabar          | 5                 |  |
| long  | Inupsaf           | 7                 |  |

| TECHNICAL QUESTIONNAIRE  | Page {x} of {y} | Reference Number:                               |                            |
|--|-----------------|---|----------------------------|
| <p><b>5.5 Corolla :width<br/>(18)</b></p> <p>narrow</p> <p>medium</p> <p>broad</p>   |                 | <p>Sumnem 07</p> <p>Nemhabar</p> <p>Inupsaf</p> | <p>3</p> <p>5</p> <p>7</p> |
| <p><b>5.6 i Upper lip of corolla: main color of inner side<br/>(24)</b></p> <p>RHS Colour Chart (indicate reference number)</p>  |                 |   |                            |
| <p><b>5.6 ii Upper lip of corolla: main color of inner side<br/>(24)</b></p> <p>white</p> <p>yellow</p> <p>yellow orange</p> <p>orange</p> <p>orange pink</p> <p>pink</p> <p>blue pink</p> <p>pink red</p> <p>red</p> <p>red purple</p> <p>light violet</p> <p>medium violet</p> <p>dark violet</p> <p>violet blue</p> <p>blue</p> |                 |   |                            |
| <p><b>5.7 i Lower lip of corolla: main color of inner side<br/>(38)</b></p> <p>RHS Colour Chart (indicate reference number)</p>  |                 |   |                            |

| TECHNICAL QUESTIONNAIRE                                      | Page {x} of {y} | Reference Number: |    |
|--|-----------------|-------------------|----|
| <b>5.6 ii Lower lip of corolla: main color of inner side</b> |                 |                   |    |
| <b>(38)</b>  |                 |                   |    |
| white  |                 |                   |    |
| yellow   |                 |                   |    |
| yellow orange  |                 |                   |    |
| orange   |                 |                   |    |
| orange pink  |                 |                   |    |
| pink   |                 |                   |    |
| blue pink  |                 |                   |    |
| pink red   |                 |                   |    |
| red  |                 |                   |    |
| red purple   |                 |                   |    |
| light violet   |                 |                   |    |
| medium violet  |                 |                   |    |
| dark violet  |                 |                   |    |
| violet blue  |                 |                   |    |
| blue   |                 |                   |    |
| <b>5.7 Palate: color</b>                                     |                 |                   |    |
| <b>(44)</b>  |                 |                   |    |
| white or nearly white  |                 | Pure Lagoon       | 1  |
| pale yellow  |                 | Nemhapin          | 2  |
| mid yellow   |                 | Balarropi         | 3  |
| dark yellow  |                 | Iupguava          | 4  |
| yellow orange  |                 | Yateye            | 5  |
| orange   |                 | E0157-1           | 6  |
| orange red   |                 |                   | 7  |
| red  |                 |                   | 8  |
| purple   |                 |                   | 9  |
| purple violet  |                 | Blue Button       | 10 |
| brownish   |                 |                   | 11 |

|   |   |  |  |
|---|---|--|--|
| TECHNICAL QUESTIONNAIRE   | Page {x} of {y}   | Reference Number:  |  |
| <p>6. Similar varieties and differences from these varieties</p> <p><i>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.</i></p> |   |  |  |
| Denomination(s) of variety(ies) similar to your candidate variety   | Characteristic(s) in which your candidate variety differs from the similar variety(ies) | Describe the expression of the characteristic(s) for the <b>similar</b> variety(ies) | Describe the expression of the characteristic(s) for <b>your</b> candidate variety |
| <i>Example</i>  | <i>Corolla: width</i>   | <i>medium</i>  | <i>broad</i>   |
|   |   |  |  |
|   |   |  |  |
|   |   |  |  |
| <p>Comments:</p>  |   |  |  |

| TECHNICAL QUESTIONNAIRE  | Page {x} of {y} | Reference Number: |
|--|-----------------|-------------------|
| <p>#7. Additional information which may help in the examination of the variety</p> <p>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?</p> <p>Yes [ ] No [ ]</p> <p>(If yes, please provide details)</p> <p>7.2 Are there any special conditions for growing the variety or conducting the examination?</p> <p>Yes [ ] No [ ]</p> <p>(If yes, please provide details)</p> <p>7.3 Other information</p> <p>A representative color photograph of the variety should accompany the Technical Questionnaire.</p> |                 |                   |
| <p>8. Authorization for release</p> <p>(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?</p> <p>Yes [ ] No [ ]</p> <p>(b) Has such authorization been obtained?</p> <p>Yes [ ] No [ ]</p> <p>If the answer to (b) is yes, please attach a copy of the authorization.</p>   |                 |                   |

---

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

|   |                      |                           |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
|---|----------------------|---------------------------|--|----------------------|--------|---|----------------------|---------------------------|--------------------|---------|--------|-------------------|---------|--------|
| TECHNICAL QUESTIONNAIRE   | Page {x} of {y}      | Reference Number:         |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| <p>9. Information on plant material to be examined or submitted for examination.</p> <p>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.</p> <p>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:</p> <table data-bbox="284 801 1406 1061"><tr><td>(a) Microorganisms (e.g. virus, bacteria, phytoplasma)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(b) Chemical treatment (e.g. growth retardant, pesticide)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(c) Tissue culture</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(d) Other factors</td><td>Yes [ ]</td><td>No [ ]</td></tr></table> <p>Please provide details for where you have indicated "yes".</p> <p>.....</p> |                      |                           | (a) Microorganisms (e.g. virus, bacteria, phytoplasma) | Yes [ ]              | No [ ] | (b) Chemical treatment (e.g. growth retardant, pesticide) | Yes [ ]              | No [ ]                    | (c) Tissue culture | Yes [ ] | No [ ] | (d) Other factors | Yes [ ] | No [ ] |
| (a) Microorganisms (e.g. virus, bacteria, phytoplasma)  | Yes [ ]              | No [ ]                    |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| (b) Chemical treatment (e.g. growth retardant, pesticide)   | Yes [ ]              | No [ ]                    |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| (c) Tissue culture  | Yes [ ]              | No [ ]                    |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| (d) Other factors   | Yes [ ]              | No [ ]                    |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| <p>10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:</p> <table data-bbox="284 1429 1426 1563"><tr><td>Applicant's name</td><td colspan="2"><input type="text"/></td></tr><tr><td>Signature</td><td><input type="text"/></td><td>Date <input type="text"/></td></tr></table>  |                      |                           | Applicant's name                                       | <input type="text"/> |        | Signature   | <input type="text"/> | Date <input type="text"/> |                    |         |        |                   |         |        |
| Applicant's name  | <input type="text"/> |                           |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |
| Signature   | <input type="text"/> | Date <input type="text"/> |  |                      |        |   |                      |                           |                    |         |        |                   |         |        |

[End of document]