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

Geneva

DRAFT

LAVANDULA/LAVENDER

UPOV Code(s): LAVAN

*Lavandula* L.

## GUIDELINES

## FOR THE CONDUCT OF TESTS

## FOR DISTINCTNESS, UNIFORMITY AND STABILITY

*prepared by an expert from the European Union**to be considered by**the Technical Committee for adoption by correspondence**Disclaimer: this document does not represent UPOV policies or guidance*

Alternative names:\*

| <i>Botanical name</i>                                                    | <i>English</i>      | <i>French</i>     | <i>German</i> | <i>Spanish</i>     |
|--------------------------------------------------------------------------|---------------------|-------------------|---------------|--------------------|
| <i>Lavandula</i> L.,<br><i>Isinia</i> Rech. f.,<br><i>Stoechas</i> Mill. | Lavandula, Lavender | Lavande, Lavandin | Lavendel      | Lavanda, Lavándula |

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.

\* 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.]

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1. Subject of these Test Guidelines

These Test Guidelines apply to all varieties of *Lavandula* L.

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 young plants or seeds.

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

- for vegetatively propagated varieties: 10 young plants
- for seed-propagated varieties: sufficient seeds to produce 20 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. 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*

3.1.1 The minimum duration of tests should normally be a single growing cycle.

3.1.2 The testing of a variety may be concluded when the competent authority can determine with certainty the outcome of the test.

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 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. The color chart and version used should be specified in the variety description.

3.4 *Test Design*

3.4.1 In the case of vegetatively propagated varieties, each test should be designed to result in a total of at least 10 plants.

3.4.2 In the case of seed-propagated varieties, each test should be designed to result in a total of at least 20 plants.

### 3.5 *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.

#### 4.1.4 Number of Plants or Parts of Plants to be Examined

In the case of vegetatively propagated varieties, unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 9 plants or parts taken from each of 9 plants and any other observation made on all plants in the test, disregarding any off-type plants.

In the case of seed-propagated varieties, unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 15 plants or parts taken from each of 15 plants and any other observation 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 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 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 These Test Guidelines have been developed for the examination of vegetatively propagated varieties and self-pollinated seed propagated varieties. For varieties with other types of propagation, the recommendations in the General Introduction and document TGP/13 "Guidance for new types and species" Section 4.5 "Testing Uniformity" should be followed.

4.2.3 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, 1 off-type is allowed.

4.2.4 For the assessment of uniformity of self-pollinated seed 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 20 plants, 1 off-type is allowed.

#### 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 or plant 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) Plant: type (characteristic 1)
- (b) Plant: growth habit (characteristic 2)
- (c) Plant: height in relation to width (characteristic 4)
- (d) Leaf: variegation (characteristic 8)
- (e) Leaf: type (characteristic 12)
- (f) Infertile bracts: main color (characteristic 38) with the following groups:
  - Gr.1: white
  - Gr.2: green
  - Gr.3: pink
  - Gr.4: light purple
  - Gr.5: medium purple
  - Gr.6: dark purple
  - Gr.7: violet
- (g) Corolla: main color (characteristic 43) with the following groups:
  - Gr.1: white
  - Gr.2: pink
  - Gr.3: purple
  - Gr.4: violet
  - Gr.5: blue

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 All relevant states of expression are presented in the characteristic.

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.

For certain characteristics, different example varieties are indicated, depending on the Plant type (characteristic 1).

(f): example varieties for Plant type: without infertile bracts

(i): example varieties for Plant type: with infertile bracts

## 6.5 Legend

|   |   | English                                   | français                            | deutsch                              | español                               | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---|---|-------------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------------------------------------------|---------------|
| 1 | 2 | 3                                         | 4                                   | 5                                    | 6                                     | 7                                                                         |               |
|   |   | <b>Name of characteristics in English</b> | <b>Nom du caractère en français</b> | <b>Name des Merkmals auf Deutsch</b> | <b>Nombre del carácter en español</b> |                                                                           |               |
|   |   | states of expression                      | types d'expression                  | Ausprägungsstufen                    | tipos de expresión                    |                                                                           |               |

1 Characteristic number

2 (\*) Asterisked characteristic – see Chapter 6.1.2

3 Type of expression

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

4 Method of observation (and type of plot, if applicable)  
MG, MS, VG, VS – see Chapter 4.1.5

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

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

7 Not applicable

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

|        | English                                   |          | français                                         | deutsch                                       | español                                        | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|--------|-------------------------------------------|----------|--------------------------------------------------|-----------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 1. (*) | QL                                        | VG       | (+)                                              |                                               |                                                |                                                                           |               |
|        | <b>Plant: type</b>                        |          | <b>Plante : type</b>                             | <b>Pflanze: Typ</b>                           | <b>Planta: tipo</b>                            |                                                                           |               |
|        | without infertile bracts                  |          | sans bractées stériles                           | ohne sterile Hüllblätter                      | sin brácteas estériles                         | Twickel Purple (f)                                                        | 1             |
|        | with infertile bracts                     |          | avec bractées stériles                           | mit sterilen Hüllblättern                     | con brácteas estériles                         | Marshwood (i)                                                             | 9             |
| 2. (*) | QN                                        | VG       | (+)                                              |                                               |                                                |                                                                           |               |
|        | <b>Plant: growth habit</b>                |          | <b>Plante : port</b>                             | <b>Pflanze: Wuchsform</b>                     | <b>Planta: hábito de crecimiento</b>           |                                                                           |               |
|        | upright                                   |          | dressé                                           | aufrecht                                      | erguido                                        | 3049EVERG (i),<br>Meerlo (f)                                              | 1             |
|        | semi-upright                              |          | demi-dressé                                      | halbaufrecht                                  | semierguido                                    | KLELV15115 (i),<br>Twickel Purple (f)                                     | 2             |
|        | semi-upright to spreading                 |          | demi-dressé à étalé                              | halbaufrecht bis<br>breitwüchsig              | semierguido a extendido                        | Munstead (f), TV 38 (i)                                                   | 3             |
|        | spreading                                 |          | étalé                                            | breitwüchsig                                  | extendido                                      | Lavst103 (i),<br>Pas1213797 (f)                                           | 4             |
| 3.     | QN                                        | MG/MS/VG |                                                  |                                               |                                                |                                                                           |               |
|        | <b>Plant: height</b>                      |          | <b>Plante : hauteur</b>                          | <b>Pflanze: Höhe</b>                          | <b>Planta: altura</b>                          |                                                                           |               |
|        | very short                                |          | très basse                                       | sehr niedrig                                  | muy baja                                       | Nana Alba (f)                                                             | 1             |
|        | very short to short                       |          | très basse à basse                               | sehr niedrig bis niedrig                      | muy baja a baja                                |                                                                           | 2             |
|        | short                                     |          | basse                                            | niedrig                                       | baja                                           | LAAZ0009 (f),<br>Purpleberry Ruffles (i)                                  | 3             |
|        | short to medium                           |          | basse à moyenne                                  | niedrig bis mittel                            | baja a media                                   | FORLEV03 (f),<br>KLELV15115 (i)                                           | 4             |
|        | medium                                    |          | moyenne                                          | mittel                                        | media                                          | LAAZ0006 (f), TV 38 (i)                                                   | 5             |
|        | medium to tall                            |          | moyenne à haute                                  | mittel bis hoch                               | media a alta                                   | DC000116LS (i)                                                            | 6             |
|        | tall                                      |          | haute                                            | hoch                                          | alta                                           | FW Radiance (i),<br>Ostinato (f)                                          | 7             |
|        | tall to very tall                         |          | haute à très haute                               | hoch bis sehr hoch                            | alta a muy alta                                |                                                                           | 8             |
|        | very tall                                 |          | très haute                                       | sehr hoch                                     | muy alta                                       | Marshwood (i)                                                             | 9             |
| 4. (*) | QN                                        | VG       |                                                  |                                               |                                                |                                                                           |               |
|        | <b>Plant: height in relation to width</b> |          | <b>Plante : hauteur par rapport à la largeur</b> | <b>Pflanze: Höhe im Verhältnis zur Breite</b> | <b>Planta: altura en relación a la anchura</b> |                                                                           |               |
|        | much taller than broad                    |          | beaucoup plus haute que large                    | viel höher als breit                          | mucho más alta que ancha                       | 3049EVERG (i),<br>LAVVAL (f)                                              | 1             |
|        | slightly taller than broad                |          | légèrement plus haute que large                  | etwas höher als breit                         | ligeramente más alta que ancha                 | KLELV15115 (i),<br>Ostinato (f)                                           | 2             |
|        | as tall as broad                          |          | aussi haute que large                            | so hoch wie breit                             | tan alta como ancha                            | LAAZ0006 (f),<br>Lavst103 (i)                                             | 3             |
|        | slightly broader than tall                |          | légèrement plus large que haute                  | etwas breiter als hoch                        | ligeramente más ancha que alta                 | Nana Alba (f),<br>Purpleberry Ruffles (i)                                 | 4             |
|        | much broader than tall                    |          | beaucoup plus large que haute                    | viel breiter als hoch                         | mucho más ancha que alta                       | DC000020LS (i),<br>LAAZ0009 (f)                                           | 5             |

|        | English                               |    | français                                       | deutsch                                  | español                                  | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|--------|---------------------------------------|----|------------------------------------------------|------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|---------------|
| 5. (*) | QN                                    | VG | (+)                                            |                                          |                                          |                                                                           |               |
|        | <b>Plant: density</b>                 |    | <b>Plante : densité</b>                        | <b>Pflanze: Dichte</b>                   | <b>Planta: densidad</b>                  |                                                                           |               |
|        | very sparse                           |    | très lâche                                     | sehr locker                              | muy laxa                                 |                                                                           | 1             |
|        | very sparse to sparse                 |    | très lâche à lâche                             | sehr locker bis locker                   | muy laxa a laxa                          |                                                                           | 2             |
|        | sparse                                |    | lâche                                          | locker                                   | laxa                                     | FLORLAVBL1 (f),<br>LABZ0011 (i)                                           | 3             |
|        | sparse to medium                      |    | lâche à moyenne                                | locker bis mittel                        | laxa a media                             | Ostinato (f),<br>Twickel Purple (f)                                       | 4             |
|        | medium                                |    | moyenne                                        | mittel                                   | media                                    | 3049EVERG (i),<br>LAAZ0008 (f)                                            | 5             |
|        | medium to dense                       |    | moyenne à dense                                | mittel bis dicht                         | media a densa                            | Abrial (f),<br>Purpleberry Ruffles (i)                                    | 6             |
|        | dense                                 |    | dense                                          | dicht                                    | densa                                    | LAAZ0009 (f),<br>Lavsd014 (i)                                             | 7             |
|        | dense to very dense                   |    | dense à très dense                             | dicht bis sehr dicht                     | densa a muy densa                        | Dolavimp (i),<br>KLELV16122 (f)                                           | 8             |
|        | very dense                            |    | très dense                                     | sehr dicht                               | muy densa                                | Felice pink (f),<br>KLELV15115 (i)                                        | 9             |
| 6.     | QN                                    | VG | (a)                                            |                                          |                                          |                                                                           |               |
|        | <b>Leaf: intensity of green color</b> |    | <b>Feuille : intensité de la couleur verte</b> | <b>Blatt: Intensität der Grünfärbung</b> | <b>Hoja: intensidad del color verde</b>  |                                                                           |               |
|        | very light                            |    | très claire                                    | sehr hell                                | muy clara                                | KLELV15115 (i)                                                            | 1             |
|        | light                                 |    | claire                                         | hell                                     | clara                                    | LAAZ0009 (f),<br>Purpleberry Ruffles (i)                                  | 2             |
|        | medium                                |    | moyenne                                        | mittel                                   | media                                    | LAAZ0008 (f),<br>LABZ0011 (i)                                             | 3             |
|        | dark                                  |    | foncée                                         | dunkel                                   | oscura                                   | BKLVDVABL (f),<br>EVERMLV19 (i)                                           | 4             |
|        | very dark                             |    | très foncée                                    | sehr dunkel                              | muy oscura                               |                                                                           | 5             |
| 7.     | QN                                    | VG | (a)                                            |                                          |                                          |                                                                           |               |
|        | <b>Leaf: intensity of grey tinge</b>  |    | <b>Feuille : intensité de la teinte grise</b>  | <b>Blatt: Intensität des Grautons</b>    | <b>Hoja: intensidad de la traza gris</b> |                                                                           |               |
|        | very weak                             |    | très faible                                    | sehr gering                              | muy débil                                | TV 38 (i)                                                                 | 1             |
|        | weak                                  |    | faible                                         | gering                                   | débil                                    | EVERMLV19 (i),<br>KLELV16122 (f)                                          | 2             |
|        | medium                                |    | moyenne                                        | mittel                                   | media                                    | LAAZ0009 (f),<br>LABZ0011 (i)                                             | 3             |
|        | strong                                |    | forte                                          | stark                                    | fuerte                                   | DC000116LS (i),<br>LAAZ0008 (f)                                           | 4             |
|        | very strong                           |    | très forte                                     | sehr stark                               | muy fuerte                               |                                                                           | 5             |

|         | English                  |          | français                   | deutsch                     | español                  | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|--------------------------|----------|----------------------------|-----------------------------|--------------------------|---------------------------------------------------------------------------|---------------|
| 8. (*)  | QL                       | VG       | (a)                        |                             |                          |                                                                           |               |
|         | <b>Leaf: variegation</b> |          | <b>Feuille : panachure</b> | <b>Blatt: Panaschierung</b> | <b>Hoja: variegación</b> |                                                                           |               |
|         | absent                   |          | absente                    | fehlend                     | ausente                  | Felice pink (f),<br>LABZ0011 (i)                                          | 1             |
|         | present                  |          | présente                   | vorhanden                   | presente                 | Meerlo (f)                                                                | 9             |
| 9. (*)  | QN                       | MG/MS/VG | (a)                        |                             |                          |                                                                           |               |
|         | <b>Leaf: length</b>      |          | <b>Feuille : longueur</b>  | <b>Blatt: Länge</b>         | <b>Hoja: longitud</b>    |                                                                           |               |
|         | very short               |          | très courte                | sehr kurz                   | muy corta                | Purpleberry Ruffles (i)                                                   | 1             |
|         | very short to short      |          | très courte à courte       | sehr kurz bis kurz          | muy corta a corta        | LAAZ0009 (f)                                                              | 2             |
|         | short                    |          | courte                     | kurz                        | corta                    | 3049EVERG (i)                                                             | 3             |
|         | short to medium          |          | courte à moyenne           | kurz bis mittel             | corta a media            |                                                                           | 4             |
|         | medium                   |          | moyenne                    | mittel                      | media                    | LAAZ0008 (f),<br>Lavsd014 (i)                                             | 5             |
|         | medium to long           |          | moyenne à longue           | mittel bis lang             | media a larga            | RUYLAA1701 (f)                                                            | 6             |
|         | long                     |          | longue                     | lang                        | larga                    | LABZ0011 (i),<br>LAVVAL (f)                                               | 7             |
|         | long to very long        |          | longue à très longue       | lang bis sehr lang          | larga a muy larga        | KLELV16122 (f)                                                            | 8             |
|         | very long                |          | très longue                | sehr lang                   | muy larga                |                                                                           | 9             |
| 10. (*) | QN                       | MG/MS/VG | (a)                        |                             |                          |                                                                           |               |
|         | <b>Leaf: width</b>       |          | <b>Feuille : largeur</b>   | <b>Blatt: Breite</b>        | <b>Hoja: anchura</b>     |                                                                           |               |
|         | very narrow              |          | très étroite               | sehr schmal                 | muy estrecha             | KLELV16122 (f),<br>Purpleberry Ruffles (i)                                | 1             |
|         | very narrow to narrow    |          | très étroite à étroite     | sehr schmal bis schmal      | muy estrecha a estrecha  | LAVVAL (f)                                                                | 2             |
|         | narrow                   |          | étroite                    | schmal                      | estrecha                 | LAAZ0009 (f),<br>Royal Purple (i)                                         | 3             |
|         | narrow to medium         |          | étroite à moyenne          | schmal bis mittel           | estrecha a media         | Lavsd014 (i),<br>RUYLAA1701 (f)                                           | 4             |
|         | medium                   |          | moyenne                    | mittel                      | media                    | LABZ0011 (i),<br>Momparder (f)                                            | 5             |
|         | medium to broad          |          | moyenne à large            | mittel bis breit            | media a ancha            | Dolavimp (i), Meerlo (f)                                                  | 6             |
|         | broad                    |          | large                      | breit                       | ancha                    | LAAZ0008 (f)                                                              | 7             |
|         | broad to very broad      |          | large à très large         | breit bis sehr breit        | ancha a muy ancha        |                                                                           | 8             |
|         | very broad               |          | très large                 | sehr breit                  | muy ancha                |                                                                           | 9             |

|         | English                          |          | français                                  | deutsch                               | español                                | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|----------------------------------|----------|-------------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------------------------------------------|---------------|
| 11.     | QN                               | MG/MS/VG | (a)                                       |                                       |                                        |                                                                           |               |
|         | <b>Leaf: length/width ratio</b>  |          | <b>Feuille : rapport longueur/largeur</b> | <b>Blatt: Verhältnis Länge/Breite</b> | <b>Hoja: relación longitud/anchura</b> |                                                                           |               |
|         | very low                         |          | très bas                                  | sehr klein                            | muy baja                               |                                                                           | 1             |
|         | low                              |          | bas                                       | klein                                 | baja                                   | 3049EVERG (i),<br>LAAZ0008 (f)                                            | 2             |
|         | medium                           |          | moyen                                     | mittel                                | media                                  | Purpleberry Ruffles (i)                                                   | 3             |
|         | high                             |          | élevé                                     | groß                                  | alta                                   | KLELV16122 (f)                                                            | 4             |
|         | very high                        |          | très élevé                                | sehr groß                             | muy alta                               | LAVVAL (f)                                                                | 5             |
| 12. (*) | PQ                               | VG       | (+)                                       | (a)                                   |                                        |                                                                           |               |
|         | <b>Leaf: type</b>                |          | <b>Feuille : type</b>                     | <b>Blatt: Typ</b>                     | <b>Hoja: tipo</b>                      |                                                                           |               |
|         | entire                           |          | entier                                    | ganzrandig                            | entero                                 | Felice pink (f),<br>Purpleberry Ruffles (i)                               | 1             |
|         | incised                          |          | incisé                                    | eingeschnitten                        | inciso                                 | Meerlo (f),<br>Pure Harmony (i)                                           | 2             |
|         | divided                          |          | découpé                                   | geteilt                               | dividido                               |                                                                           | 3             |
| 13.     | QN                               | MG/MS/VG | (+)                                       | (b)                                   |                                        |                                                                           |               |
|         | <b>Flowering stem: length</b>    |          | <b>Tige florale : longueur</b>            | <b>Blütentrieb: Länge</b>             | <b>Tallo floral: longitud</b>          |                                                                           |               |
|         | very short                       |          | très courte                               | sehr kurz                             | muy corta                              | Purpleberry Ruffles (i)                                                   | 1             |
|         | very short to short              |          | très courte à courte                      | sehr kurz bis kurz                    | muy corta a corta                      | BKLVDVABL (f),<br>KLELV15115 (i)                                          | 2             |
|         | short                            |          | courte                                    | kurz                                  | corta                                  | LABZ0011 (i),<br>Munstead (f)                                             | 3             |
|         | short to medium                  |          | courte à moyenne                          | kurz bis mittel                       | corta a media                          | EVERMLV19 (i)                                                             | 4             |
|         | medium                           |          | moyenne                                   | mittel                                | media                                  | Abrial (f), Dolavimp (i)                                                  | 5             |
|         | medium to long                   |          | moyenne à longue                          | mittel bis lang                       | media a larga                          | RUYLAA1701 (f)                                                            | 6             |
|         | long                             |          | longue                                    | lang                                  | larga                                  | Meerlo (f)                                                                | 7             |
|         | long to very long                |          | longue à très longue                      | lang bis sehr lang                    | larga a muy larga                      | Ostinato (f)                                                              | 8             |
|         | very long                        |          | très longue                               | sehr lang                             | muy larga                              |                                                                           | 9             |
| 14.     | QN                               | MS/VG    | (+)                                       | (b)                                   |                                        |                                                                           |               |
|         | <b>Flowering stem: thickness</b> |          | <b>Tige florale : épaisseur</b>           | <b>Blütentrieb: Dicke</b>             | <b>Tallo floral: grosor</b>            |                                                                           |               |
|         | very thin                        |          | très mince                                | sehr dünn                             | muy delgado                            | Lady (f)                                                                  | 1             |
|         | thin                             |          | mince                                     | dünn                                  | delgado                                | Meerlo (f),<br>Purpleberry Ruffles (i)                                    | 2             |
|         | medium                           |          | moyenne                                   | mittel                                | medio                                  | LAAZ0008 (f), TV 38 (i)                                                   | 3             |
|         | thick                            |          | épaisse                                   | dick                                  | grueso                                 | DC000116LS (i),<br>Ferréol (f)                                            | 4             |
|         | very thick                       |          | très épaisse                              | sehr dick                             | muy grueso                             | H 1116 (i), Ostinato (f)                                                  | 5             |

|         | English                                                                                                                            |    | français                                                                                                                                        | deutsch                                                                                                                      | español                                                                                                                           | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 15. (*) | QN                                                                                                                                 | VG | (b)                                                                                                                                             |                                                                                                                              |                                                                                                                                   |                                                                           |               |
|         | <b>Flowering stem:<br/>intensity of green<br/>color</b>                                                                            |    | <b>Tige florale : intensité<br/>de la couleur verte</b>                                                                                         | <b>Blütentrieb: Intensität<br/>der Grünfärbung</b>                                                                           | <b>Tallo floral: intensidad<br/>del color verde</b>                                                                               |                                                                           |               |
|         | very light                                                                                                                         |    | très claire                                                                                                                                     | sehr hell                                                                                                                    | muy clara                                                                                                                         | Ostinato (f),<br>Purpleberry Ruffles (i)                                  | 1             |
|         | light                                                                                                                              |    | claire                                                                                                                                          | hell                                                                                                                         | clara                                                                                                                             | Meerlo (f), TV 38 (i)                                                     | 2             |
|         | medium                                                                                                                             |    | moyenne                                                                                                                                         | mittel                                                                                                                       | media                                                                                                                             | BKLVDVABL (f),<br>LABZ0011 (i)                                            | 3             |
|         | dark                                                                                                                               |    | foncée                                                                                                                                          | dunkel                                                                                                                       | oscura                                                                                                                            | EVERMLV19 (i),<br>LAAZ0008 (f)                                            | 4             |
|         | very dark                                                                                                                          |    | très foncée                                                                                                                                     | sehr dunkel                                                                                                                  | muy oscura                                                                                                                        |                                                                           | 5             |
| 16.     | QN                                                                                                                                 | VG | (b)                                                                                                                                             |                                                                                                                              |                                                                                                                                   |                                                                           |               |
|         | <b><u>Only varieties with<br/>Plant type: without<br/>infertile<br/>bracts:</u> Flowering<br/>stem: rigidity of basal<br/>part</b> |    | <b><u>Seulement variétés<br/>avec Type de plante :<br/>sans bractées<br/>stériles :</u> Tige florale :<br/>rigidité de la partie<br/>basale</b> | <b><u>Nur Sorten mit<br/>Pflanzentyp: ohne<br/>sterile Hüllblätter:<br/>Blütentrieb: Starrheit<br/>des basalen Teils</u></b> | <b><u>Solo variedades con<br/>Tipo de planta: sin<br/>brácteas estériles:</u><br/>Tallo floral: rigidez de<br/>la parte basal</b> |                                                                           |               |
|         | very weak                                                                                                                          |    | très faible                                                                                                                                     | sehr niedrig                                                                                                                 | muy débil                                                                                                                         | Ostinato (f)                                                              | 1             |
|         | weak                                                                                                                               |    | faible                                                                                                                                          | niedrig                                                                                                                      | débil                                                                                                                             | LAAZ0009 (f)                                                              | 2             |
|         | medium                                                                                                                             |    | moyenne                                                                                                                                         | mittel                                                                                                                       | media                                                                                                                             | Meerlo (f)                                                                | 3             |
|         | strong                                                                                                                             |    | forte                                                                                                                                           | stark                                                                                                                        | fuerte                                                                                                                            | LAAZ0008 (f)                                                              | 4             |
|         | very strong                                                                                                                        |    | très forte                                                                                                                                      | sehr stark                                                                                                                   | muy fuerte                                                                                                                        | Ferréol (f)                                                               | 5             |
| 17.     | QN                                                                                                                                 | VG | (b)                                                                                                                                             |                                                                                                                              |                                                                                                                                   |                                                                           |               |
|         | <b><u>Only varieties with<br/>Plant type: with<br/>infertile<br/>bracts:</u> Flowering<br/>stem: pubescence</b>                    |    | <b><u>Seulement variétés<br/>avec Type de plante :<br/>avec bractées<br/>stériles :</u> Tige florale :<br/>pubescence</b>                       | <b><u>Nur Sorten mit<br/>Pflanzentyp: mit<br/>sterilen Hüllblättern:<br/>Blütentrieb:<br/>Behaarung</u></b>                  | <b><u>Solo variedades con<br/>Tipo de planta: con<br/>brácteas estériles:</u><br/>Tallo floral:<br/>pubescencia</b>               |                                                                           |               |
|         | very sparse                                                                                                                        |    | très lâche                                                                                                                                      | sehr locker                                                                                                                  | muy laxa                                                                                                                          |                                                                           | 1             |
|         | sparse                                                                                                                             |    | lâche                                                                                                                                           | locker                                                                                                                       | laxa                                                                                                                              | TV 38 (i)                                                                 | 2             |
|         | medium                                                                                                                             |    | moyenne                                                                                                                                         | mittel                                                                                                                       | media                                                                                                                             | EVERMLV19 (i)                                                             | 3             |
|         | dense                                                                                                                              |    | dense                                                                                                                                           | dicht                                                                                                                        | densa                                                                                                                             | Marshwood (i)                                                             | 4             |
|         | very dense                                                                                                                         |    | très dense                                                                                                                                      | sehr dicht                                                                                                                   | muy densa                                                                                                                         |                                                                           | 5             |
| 18. (*) | QL                                                                                                                                 | VG | (+)                                                                                                                                             |                                                                                                                              |                                                                                                                                   |                                                                           |               |
|         | <b>Flowering stem: lateral<br/>branching above<br/>foliage</b>                                                                     |    | <b>Tige florale : branches<br/>latérales au-dessus du<br/>feuillage</b>                                                                         | <b>Blütentrieb: seitliche<br/>Verzweigung oberhalb<br/>des Laubes</b>                                                        | <b>Tallo floral:<br/>ramificación lateral<br/>por encima del follaje</b>                                                          |                                                                           |               |
|         | absent                                                                                                                             |    | absentes                                                                                                                                        | fehlend                                                                                                                      | ausente                                                                                                                           | Meerlo (f)                                                                | 1             |
|         | present                                                                                                                            |    | présentes                                                                                                                                       | vorhanden                                                                                                                    | presente                                                                                                                          | Ostinato (f),<br>Purpleberry Ruffles (i)                                  | 9             |

|         | English                                                                                                                |          | français                                                                                                                                  | deutsch                                                                                                                            | español                                                                                                                          | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 19.     | QN                                                                                                                     | MG/MS/VG | (b)                                                                                                                                       |                                                                                                                                    |                                                                                                                                  |                                                                           |               |
|         | <b>Flowering stem:<br/>number of lateral<br/>branches above<br/>foliage</b>                                            |          | <b>Tige florale : nombre<br/>de branches latérales<br/>au-dessus du feuillage</b>                                                         | <b>Blütentrieb: Anzahl<br/>Seitenzweige oberhalb<br/>des Laubes</b>                                                                | <b>Tallo floral: número de<br/>ramas laterales por<br/>encima del follaje</b>                                                    |                                                                           |               |
|         | very few                                                                                                               |          | très petit                                                                                                                                | sehr gering                                                                                                                        | muy bajo                                                                                                                         | Trio (f)                                                                  | 1             |
|         | few                                                                                                                    |          | petit                                                                                                                                     | gering                                                                                                                             | bajo                                                                                                                             | Ostinato (f), TV 38 (i)                                                   | 2             |
|         | medium                                                                                                                 |          | moyen                                                                                                                                     | mittel                                                                                                                             | medio                                                                                                                            | EVERMLV19 (i),<br>Felice purple (f)                                       | 3             |
|         | many                                                                                                                   |          | élevé                                                                                                                                     | hoch                                                                                                                               | alto                                                                                                                             | Niko (f),<br>Purpleberry Ruffles (i)                                      | 4             |
|         | very many                                                                                                              |          | très élevé                                                                                                                                | sehr hoch                                                                                                                          | muy alto                                                                                                                         |                                                                           | 5             |
| 20. (*) | QN                                                                                                                     | MG/MS/VG | (+)                                                                                                                                       |                                                                                                                                    |                                                                                                                                  |                                                                           |               |
|         | <b>Flowering stem:<br/>length of the longest<br/>lateral branch above<br/>foliage</b>                                  |          | <b>Tige florale : longueur<br/>de la branche latérale<br/>la plus longue au-<br/>dessus du feuillage</b>                                  | <b>Blütentrieb: Länge des<br/>längsten<br/>Seitenzweiges<br/>oberhalb des Laubes</b>                                               | <b>Tallo floral: longitud<br/>de la rama lateral más<br/>larga por encima del<br/>follaje</b>                                    |                                                                           |               |
|         | very short                                                                                                             |          | très courte                                                                                                                               | sehr kurz                                                                                                                          | muy corta                                                                                                                        | Ferréol (f)                                                               | 1             |
|         | short                                                                                                                  |          | courte                                                                                                                                    | kurz                                                                                                                               | corta                                                                                                                            | LABZ0011 (i),<br>Ostinato (f)                                             | 2             |
|         | medium                                                                                                                 |          | moyenne                                                                                                                                   | mittel                                                                                                                             | media                                                                                                                            | Purpleberry Ruffles (i)                                                   | 3             |
|         | long                                                                                                                   |          | longue                                                                                                                                    | lang                                                                                                                               | larga                                                                                                                            | Niko (f), TV 38 (i)                                                       | 4             |
|         | very long                                                                                                              |          | très longue                                                                                                                               | sehr lang                                                                                                                          | muy larga                                                                                                                        | DC000020LS (i)                                                            | 5             |
| 21.     | QL                                                                                                                     | VG       | (+)                                                                                                                                       |                                                                                                                                    |                                                                                                                                  |                                                                           |               |
|         | <b><u>Only varieties with</u><br/>Plant: type: without<br/>infertile bracts: Spike:<br/>arrangement of<br/>flowers</b> |          | <b><u>Seulement variétés</u><br/>avec Plante : type :<br/><u>sans bractées</u><br/><u>stériles</u> : Épi :<br/>disposition des fleurs</b> | <b><u>Nur Sorten mit</u><br/>Pflanze: Typ: ohne<br/><u>ohne sterile</u><br/><u>Hüllblätter</u>: Ähre:<br/>Anordnung der Blüten</b> | <b><u>Solo variedades con</u><br/>Planta: tipo: sin<br/><u>brácteas estériles</u>:<br/>Espiga: disposición de<br/>las flores</b> |                                                                           |               |
|         | solitary                                                                                                               |          | isolée                                                                                                                                    | einzel                                                                                                                             | aislada                                                                                                                          |                                                                           | 1             |
|         | clustered                                                                                                              |          | groupée                                                                                                                                   | zusammengewachsen                                                                                                                  | agrupada                                                                                                                         | LAAZ0009 (f)                                                              | 2             |

|         | English                               |          | français                                             |     | deutsch                            | español                                               | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|---------------------------------------|----------|------------------------------------------------------|-----|------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 22. (*) | QN                                    | MG/MS/VG | (+)                                                  | (b) |                                    |                                                       |                                                                           |               |
|         | <b>Spike: length from first whorl</b> |          | <b>Épi : longueur à partir du premier verticille</b> |     | <b>Ähre: Länge ab erstem Quirl</b> | <b>Espiga: longitud a partir del primer verticilo</b> |                                                                           |               |
|         | very short                            |          | très courte                                          |     | sehr kurz                          | muy corta                                             |                                                                           | 1             |
|         | very short to short                   |          | très courte à courte                                 |     | sehr kurz bis kurz                 | muy corta a corta                                     | LAAZ0009 (f)                                                              | 2             |
|         | short                                 |          | courte                                               |     | kurz                               | corta                                                 | LAAZ0008 (f),<br>Purpleberry Ruffles (i)                                  | 3             |
|         | short to medium                       |          | courte à moyenne                                     |     | kurz bis mittel                    | corta a media                                         | BKLVDVABL (f),<br>TV 38 (i)                                               | 4             |
|         | medium                                |          | moyenne                                              |     | mittel                             | media                                                 | 3049EVERG (i),<br>Ferréol (f)                                             | 5             |
|         | medium to long                        |          | moyenne à longue                                     |     | mittel bis lang                    | media a larga                                         | Ostinato (f)                                                              | 6             |
|         | long                                  |          | longue                                               |     | lang                               | larga                                                 | Meerlo (f)                                                                | 7             |
|         | long to very long                     |          | longue à très longue                                 |     | lang bis sehr lang                 | larga a muy larga                                     |                                                                           | 8             |
|         | very long                             |          | très longue                                          |     | sehr lang                          | muy larga                                             | Niko (f)                                                                  | 9             |
| 23. (*) | QN                                    | MG/MS/VG | (+)                                                  | (b) |                                    |                                                       |                                                                           |               |
|         | <b>Spike: width</b>                   |          | <b>Épi : largeur</b>                                 |     | <b>Ähre: Breite</b>                | <b>Espiga: anchura</b>                                |                                                                           |               |
|         | very narrow                           |          | très étroite                                         |     | sehr schmal                        | muy estrecha                                          | Niko (f)                                                                  | 1             |
|         | very narrow to narrow                 |          | très étroite à étroite                               |     | sehr schmal bis schmal             | muy estrecha a estrecha                               | BKLVDVABL (f)                                                             | 2             |
|         | narrow                                |          | étroite                                              |     | schmal                             | estrecha                                              | Hidcote Pink (f),<br>TV 38 (i)                                            | 3             |
|         | narrow to medium                      |          | étroite à moyenne                                    |     | schmal bis mittel                  | estrecha a media                                      | LAAZ0009 (f),<br>Purpleberry Ruffles (i)                                  | 4             |
|         | medium                                |          | moyenne                                              |     | mittel                             | media                                                 | Marshwood (i),<br>Meerlo (f)                                              | 5             |
|         | medium to broad                       |          | moyenne à large                                      |     | mittel bis breit                   | media a ancha                                         | DC000116LS (i),<br>LAAZ0008 (f)                                           | 6             |
|         | broad                                 |          | large                                                |     | breit                              | ancha                                                 | Lavst103 (i)                                                              | 7             |
|         | broad to very broad                   |          | large à très large                                   |     | breit bis sehr breit               | ancha muy ancha                                       | Ostinato (f)                                                              | 8             |
|         | very broad                            |          | très large                                           |     | sehr breit                         | muy ancha                                             | Ferréol (f)                                                               | 9             |

|         | English                                                                                                 |          | français                                                                                                                       |     | deutsch                                                                                          | español                                                                                                                   | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|---------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 24. (*) | QN                                                                                                      | MG/MS/VG | (+)                                                                                                                            | (b) |                                                                                                  |                                                                                                                           |                                                                           |               |
|         | <b><u>Only varieties with Plant type: without infertile bracts: Spike: length from second whorl</u></b> |          | <b><u>Seulement variétés avec Type de plante : sans bractées stériles : Épi : longueur à partir du deuxième verticille</u></b> |     | <b><u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter: Ähre: Länge ab zweitem Quirl</u></b> | <b><u>Solo variedades con Tipo de planta: sin brácteas estériles: Espiga: longitud a partir del segundo verticilo</u></b> |                                                                           |               |
|         | very short                                                                                              |          | très courte                                                                                                                    |     | sehr kurz                                                                                        | muy corta                                                                                                                 | LAAZ0009 (f)                                                              | 1             |
|         | very short to short                                                                                     |          | très courte à courte                                                                                                           |     | sehr kurz bis kurz                                                                               | muy corta a corta                                                                                                         | LAAZ0008 (f)                                                              | 2             |
|         | short                                                                                                   |          | courte                                                                                                                         |     | kurz                                                                                             | corta                                                                                                                     | BKLVDVABL (f)                                                             | 3             |
|         | short to medium                                                                                         |          | courte à moyenne                                                                                                               |     | kurz bis mittel                                                                                  | corta a media                                                                                                             | Ferréol (f)                                                               | 4             |
|         | medium                                                                                                  |          | moyenne                                                                                                                        |     | mittel                                                                                           | media                                                                                                                     | RUYLAA1701 (f)                                                            | 5             |
|         | medium to long                                                                                          |          | moyenne à longue                                                                                                               |     | mittel bis lang                                                                                  | media a larga                                                                                                             | Ostinato (f)                                                              | 6             |
|         | long                                                                                                    |          | longue                                                                                                                         |     | lang                                                                                             | larga                                                                                                                     | Meerlo (f)                                                                | 7             |
|         | long to very long                                                                                       |          | longue à très longue                                                                                                           |     | lang bis sehr lang                                                                               | larga a muy larga                                                                                                         |                                                                           | 8             |
|         | very long                                                                                               |          | très longue                                                                                                                    |     | sehr lang                                                                                        | muy larga                                                                                                                 | Niko (f)                                                                  | 9             |
| 25. (*) | QN                                                                                                      | MG/MS/VG | (+)                                                                                                                            | (b) |                                                                                                  |                                                                                                                           |                                                                           |               |
|         | <b><u>Only varieties with Plant type: without infertile bracts: Spike: number of whorls</u></b>         |          | <b><u>Seulement variétés avec Type de plante : sans bractées stériles : Épi : nombre de verticilles</u></b>                    |     | <b><u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter: Ähre: Anzahl Quirle</u></b>          | <b><u>Solo variedades con Tipo de planta: sin brácteas estériles: Espiga: número de verticilos</u></b>                    |                                                                           |               |
|         | very few                                                                                                |          | très petit                                                                                                                     |     | sehr gering                                                                                      | muy bajo                                                                                                                  |                                                                           | 1             |
|         | very few to few                                                                                         |          | très petit à petit                                                                                                             |     | sehr gering bis gering                                                                           | muy bajo a bajo                                                                                                           | LAAZ0009 (f)                                                              | 2             |
|         | few                                                                                                     |          | petit                                                                                                                          |     | gering                                                                                           | bajo                                                                                                                      | LAAZ0008 (f)                                                              | 3             |
|         | few to medium                                                                                           |          | petit à moyen                                                                                                                  |     | gering bis mittel                                                                                | bajo a medio                                                                                                              |                                                                           | 4             |
|         | medium                                                                                                  |          | moyen                                                                                                                          |     | mittel                                                                                           | medio                                                                                                                     | RUYLAA1701 (f)                                                            | 5             |
|         | medium to many                                                                                          |          | moyen à élevé                                                                                                                  |     | mittel bis hoch                                                                                  | medio a alto                                                                                                              |                                                                           | 6             |
|         | many                                                                                                    |          | élevé                                                                                                                          |     | hoch                                                                                             | alto                                                                                                                      |                                                                           | 7             |
|         | many to very many                                                                                       |          | élevé à très élevé                                                                                                             |     | hoch bis sehr hoch                                                                               | alto a muy alto                                                                                                           |                                                                           | 8             |
|         | very many                                                                                               |          | très élevé                                                                                                                     |     | sehr hoch                                                                                        | muy alto                                                                                                                  | Niko (f)                                                                  | 9             |

|         | English                                                                                |          | français                                                                                      |     | deutsch                                                                          | español                                                                                    | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|----------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 26. (*) | QN                                                                                     | MG/MS/VG | (+)                                                                                           | (b) |                                                                                  |                                                                                            |                                                                           |               |
|         | <b><u>Only varieties with Plant type: without infertile bracts: Spike: density</u></b> |          | <b><u>Seulement variétés avec Type de plante : sans bractées stériles : Épi : densité</u></b> |     | <b><u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter: Ähre: Dichte</u></b> | <b><u>Solo variedades con Tipo de planta: sin brácteas estériles: Espiga: densidad</u></b> |                                                                           |               |
|         | very sparse                                                                            |          | très lâche                                                                                    |     | sehr locker                                                                      | muy laxa                                                                                   |                                                                           | 1             |
|         | very sparse to sparse                                                                  |          | très lâche à lâche                                                                            |     | sehr locker bis locker                                                           | muy laxa a laxa                                                                            |                                                                           | 2             |
|         | sparse                                                                                 |          | lâche                                                                                         |     | locker                                                                           | laxa                                                                                       | Ostinato (1)                                                              | 3             |
|         | sparse to medium                                                                       |          | lâche à moyenne                                                                               |     | locker bis mittel                                                                | laxa a media                                                                               | Meerlo (1)                                                                | 4             |
|         | medium                                                                                 |          | moyenne                                                                                       |     | mittel                                                                           | media                                                                                      | Niko (1)                                                                  | 5             |
|         | medium to dense                                                                        |          | moyenne à dense                                                                               |     | mittel bis dicht                                                                 | media a densa                                                                              | BKLVDVABL (1)                                                             | 6             |
|         | dense                                                                                  |          | dense                                                                                         |     | dicht                                                                            | densa                                                                                      | LAAZ0008 (1)                                                              | 7             |
|         | dense to very dense                                                                    |          | dense à très dense                                                                            |     | dicht bis sehr dicht                                                             | densa a muy densa                                                                          |                                                                           | 8             |
|         | very dense                                                                             |          | très dense                                                                                    |     | sehr dicht                                                                       | muy densa                                                                                  | KLELV16122 (1)                                                            | 9             |
| 27. (*) | PQ                                                                                     | VG       | (+)                                                                                           | (b) |                                                                                  |                                                                                            |                                                                           |               |
|         | <b>Spike: shape</b>                                                                    |          | <b>Épi : forme</b>                                                                            |     | <b>Ähre: Form</b>                                                                | <b>Espiga: forma</b>                                                                       |                                                                           |               |
|         | narrow conical                                                                         |          | conique étroite                                                                               |     | schmal kegelförmig                                                               | cónica estrecha                                                                            | Niko (f)                                                                  | 1             |
|         | medium conical                                                                         |          | conique moyenne                                                                               |     | mittel kegelförmig                                                               | cónica media                                                                               | Abrial (f), LABZ0011 (i)                                                  | 2             |
|         | truncate conical                                                                       |          | conique tronquée                                                                              |     | gerade kegelförmig                                                               | cónico truncada                                                                            | Ferréol (f)                                                               | 3             |
|         | cylindrical                                                                            |          | cylindrique                                                                                   |     | zylindrisch                                                                      | cilíndrica                                                                                 | LAAZ0009 (f), Purpleberry Ruffles (i)                                     | 4             |
|         | fusiform                                                                               |          | fusiforme                                                                                     |     | spindelförmig                                                                    | fusiforme                                                                                  | TV 38 (i)                                                                 | 5             |
|         | narrow rhomboid                                                                        |          | rhomboïde étroite                                                                             |     | schmal rhomboid                                                                  | romboide estrecha                                                                          | Meerlo (f)                                                                | 6             |
|         | conical and cylindrical                                                                |          | conique et cylindrique                                                                        |     | kegelförmig und zylindrisch                                                      | cónica y cilíndrica                                                                        | Ostinato (f)                                                              | 7             |
| 28.     | QN                                                                                     | MG/VG    | (+)                                                                                           | (b) |                                                                                  |                                                                                            |                                                                           |               |
|         | <b>Spike: number of flowers</b>                                                        |          | <b>Épi : nombre de fleurs</b>                                                                 |     | <b>Ähre: Anzahl Blüten</b>                                                       | <b>Espiga: número de flores</b>                                                            |                                                                           |               |
|         | very few                                                                               |          | très petit                                                                                    |     | sehr gering                                                                      | muy bajo                                                                                   | LAAZ0009 (f)                                                              | 1             |
|         | few                                                                                    |          | petit                                                                                         |     | gering                                                                           | bajo                                                                                       | KLELV15115 (i), Meerlo (f)                                                | 2             |
|         | medium                                                                                 |          | moyen                                                                                         |     | mittel                                                                           | medio                                                                                      | LAAZ0008 (f), Purpleberry Ruffles (i)                                     | 3             |
|         | many                                                                                   |          | élevé                                                                                         |     | hoch                                                                             | alto                                                                                       | Ferréol (f), LABZ0011 (i)                                                 | 4             |
|         | very many                                                                              |          | très élevé                                                                                    |     | sehr hoch                                                                        | muy alto                                                                                   | DC000020LS (i), Niko (f)                                                  | 5             |

|         | English                                                                                                   |          | français                                                                                                                 | deutsch                                                                                                 | español                                                                                                             | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|-----------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 29.     | QN                                                                                                        | MG/VG    | (b)                                                                                                                      |                                                                                                         |                                                                                                                     |                                                                           |               |
|         | <u>Only varieties with Plant type: without infertile bracts:</u> Spike: number of flowers on apical whorl |          | <u>Seulement variétés avec Type de plante : sans bractées stériles :</u> Épi : nombre de fleurs sur le verticille apical | <u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter:</u> Ähre: Anzahl Blüten am apikalen Quirl      | <u>Solo variedades con Tipo de planta: sin brácteas estériles:</u> Espiga: número de flores en el verticilo apical  |                                                                           |               |
|         | very few                                                                                                  |          | très petit                                                                                                               | sehr gering                                                                                             | muy bajo                                                                                                            | Niko (f)                                                                  | 1             |
|         | few                                                                                                       |          | petit                                                                                                                    | gering                                                                                                  | bajo                                                                                                                | LAAZ0009 (f)                                                              | 2             |
|         | medium                                                                                                    |          | moyen                                                                                                                    | mittel                                                                                                  | media                                                                                                               | LAAZ0008 (f)                                                              | 3             |
|         | many                                                                                                      |          | élevé                                                                                                                    | hoch                                                                                                    | alto                                                                                                                | Ostinato (f)                                                              | 4             |
|         | very many                                                                                                 |          | très élevé                                                                                                               | sehr hoch                                                                                               | muy alto                                                                                                            | KLELV16122 (f)                                                            | 5             |
| 30.     | QN                                                                                                        | MG/MS/VG | (+) (b)                                                                                                                  |                                                                                                         |                                                                                                                     |                                                                           |               |
|         | <b>Spike: width of fertile bracts</b>                                                                     |          | <b>Épi : largeur des bractées fertiles</b>                                                                               | <b>Ähre: Breite der fertilen Hüllblätter</b>                                                            | <b>Espiga: anchura de las brácteas fértiles</b>                                                                     |                                                                           |               |
|         | very narrow                                                                                               |          | très étroite                                                                                                             | sehr schmal                                                                                             | muy estrecha                                                                                                        |                                                                           | 1             |
|         | very narrow to narrow                                                                                     |          | très étroite à étroite                                                                                                   | sehr schmal bis schmal                                                                                  | muy estrecha a estrecha                                                                                             | LAAZ0008 (f)                                                              | 2             |
|         | narrow                                                                                                    |          | étroite                                                                                                                  | schmal                                                                                                  | estrecha                                                                                                            | LAAZ0009 (f)                                                              | 3             |
|         | narrow to medium                                                                                          |          | étroite à moyenne                                                                                                        | schmal bis mittel                                                                                       | estrecha a media                                                                                                    |                                                                           | 4             |
|         | medium                                                                                                    |          | moyenne                                                                                                                  | mittel                                                                                                  | media                                                                                                               | Impress Purple (f), Purpleberry Ruffles (i)                               | 5             |
|         | medium to broad                                                                                           |          | moyenne à large                                                                                                          | mittel bis breit                                                                                        | media a ancha                                                                                                       | KLELV15115 (i)                                                            | 6             |
|         | broad                                                                                                     |          | large                                                                                                                    | breit                                                                                                   | ancha                                                                                                               | DC000020LS (i)                                                            | 7             |
|         | broad to very broad                                                                                       |          | large à très large                                                                                                       | breit bis sehr breit                                                                                    | ancha muy ancha                                                                                                     | LABZ0008 (i)                                                              | 8             |
|         | very broad                                                                                                |          | très large                                                                                                               | sehr breit                                                                                              | muy ancha                                                                                                           |                                                                           | 9             |
| 31. (*) | PQ                                                                                                        | VG       | (b)                                                                                                                      |                                                                                                         |                                                                                                                     |                                                                           |               |
|         | <u>Only varieties with Plant type: with infertile bracts:</u> Spike: main color of fertile bracts         |          | <u>Seulement variétés avec Type de plante : avec bractées stériles :</u> Épi : couleur principale des bractées fertiles  | <u>Nur Sorten mit Pflanzentyp: mit sterilen Hüllblättern:</u> Ähre: Hauptfarbe der fertilen Hüllblätter | <u>Solo variedades con Tipo de planta: con brácteas estériles:</u> Espiga: color principal de las brácteas fértiles |                                                                           |               |
|         | white                                                                                                     |          | blanc                                                                                                                    | weiß                                                                                                    | blanco                                                                                                              | Silver Ghost (i)                                                          | 1             |
|         | green                                                                                                     |          | vert                                                                                                                     | grün                                                                                                    | verde                                                                                                               | Pippa White (i)                                                           | 2             |
|         | violet                                                                                                    |          | violet                                                                                                                   | violett                                                                                                 | violeta                                                                                                             | KLELV15115 (i)                                                            | 3             |
|         | red purple                                                                                                |          | rouge pourpre                                                                                                            | rotpurpurn                                                                                              | púrpura rojizo                                                                                                      | Purpleberry Ruffles (i)                                                   | 4             |
|         | brown                                                                                                     |          | brun                                                                                                                     | braun                                                                                                   | marrón                                                                                                              | Sidonie (i)                                                               | 5             |

|         | English                                                                                     |          | français                                                                                                       |     | deutsch                                                                                 | español                                                                                             | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|---------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 32.     | QL                                                                                          | VG       | (+)                                                                                                            | (b) |                                                                                         |                                                                                                     |                                                                           |               |
|         | <u>Only varieties with Plant type: without infertile bracts:</u> Spike: bracteoles          |          | <u>Seulement variétés avec Type de plante :</u> <u>sans bractées stériles :</u> Épi : bractéoles               |     | <u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter:</u> Ähre: Vorblätter           | <u>Solo variedades con Tipo de planta: sin brácteas estériles:</u> Espiga: bracteolas               |                                                                           |               |
|         | sometimes present                                                                           |          | parfois présentes                                                                                              |     | manchmal vorhanden                                                                      | a veces presentes                                                                                   | Munstead (f)                                                              | 1             |
|         | always present                                                                              |          | toujours présentes                                                                                             |     | immer vorhanden                                                                         | siempre presentes                                                                                   | LAAZ0008 (f)                                                              | 9             |
| 33.     | QN                                                                                          | VG       | (+)                                                                                                            | (b) |                                                                                         |                                                                                                     |                                                                           |               |
|         | <u>Only varieties with Plant type: without infertile bracts:</u> Spike: length of bracteole |          | <u>Seulement variétés avec Type de plante :</u> <u>sans bractées stériles :</u> Épi : longueur de la bractéole |     | <u>Nur Sorten mit Pflanzentyp: ohne sterile Hüllblätter:</u> Ähre: Länge des Vorblattes | <u>Solo variedades con Tipo de planta: sin brácteas estériles:</u> Espiga: longitud de la bracteola |                                                                           |               |
|         | short                                                                                       |          | courte                                                                                                         |     | kurz                                                                                    | corta                                                                                               | LAAZ0008 (f)                                                              | 1             |
|         | medium                                                                                      |          | moyenne                                                                                                        |     | mittel                                                                                  | media                                                                                               | LAAZ0009 (f)                                                              | 2             |
|         | long                                                                                        |          | longue                                                                                                         |     | lang                                                                                    | larga                                                                                               |                                                                           | 3             |
| 34.     | QN                                                                                          | MG/MS/VG | (+)                                                                                                            | (b) |                                                                                         |                                                                                                     |                                                                           |               |
|         | <b>Infertile bracts: number</b>                                                             |          | <b>Bractées stériles : nombre</b>                                                                              |     | <b>Sterile Hüllblätter: Anzahl</b>                                                      | <b>Brácteas estériles: número</b>                                                                   |                                                                           |               |
|         | few                                                                                         |          | petit                                                                                                          |     | gering                                                                                  | bajo                                                                                                |                                                                           | 1             |
|         | few to medium                                                                               |          | petit à moyen                                                                                                  |     | gering bis mittel                                                                       | bajo a medio                                                                                        | Lavst103 (i)                                                              | 2             |
|         | medium                                                                                      |          | moyen                                                                                                          |     | mittel                                                                                  | medio                                                                                               | Lavsd014 (i)                                                              | 3             |
|         | medium to many                                                                              |          | moyen à élevé                                                                                                  |     | mittel bis hoch                                                                         | medio a alto                                                                                        | Purpleberry Ruffles (i)                                                   | 4             |
|         | many                                                                                        |          | élevé                                                                                                          |     | hoch                                                                                    | alto                                                                                                |                                                                           | 5             |
| 35. (*) | QN                                                                                          | MG/MS/VG | (+)                                                                                                            | (b) |                                                                                         |                                                                                                     |                                                                           |               |
|         | <b>Infertile bracts: length</b>                                                             |          | <b>Bractées stériles : longueur</b>                                                                            |     | <b>Sterile Hüllblätter: Länge</b>                                                       | <b>Brácteas estériles: longitud</b>                                                                 |                                                                           |               |
|         | very short                                                                                  |          | très courte                                                                                                    |     | sehr kurz                                                                               | muy corta                                                                                           | EVERMLV19 (i)                                                             | 1             |
|         | short                                                                                       |          | courte                                                                                                         |     | kurz                                                                                    | corta                                                                                               | H 1116 (i)                                                                | 2             |
|         | medium                                                                                      |          | moyenne                                                                                                        |     | mittel                                                                                  | media                                                                                               | LABZ0008 (i)                                                              | 3             |
|         | long                                                                                        |          | longue                                                                                                         |     | lang                                                                                    | larga                                                                                               | KLELV15115 (i)                                                            | 4             |
|         | very long                                                                                   |          | très longue                                                                                                    |     | sehr lang                                                                               | muy larga                                                                                           | 3049EVERG (i)                                                             | 5             |
| 36.     | QN                                                                                          | MG/MS/VG | (+)                                                                                                            | (b) |                                                                                         |                                                                                                     |                                                                           |               |
|         | <b>Infertile bracts: width</b>                                                              |          | <b>Bractées stériles : largeur</b>                                                                             |     | <b>Sterile Hüllblätter: Breite</b>                                                      | <b>Brácteas estériles: anchura</b>                                                                  |                                                                           |               |
|         | very narrow                                                                                 |          | très étroite                                                                                                   |     | sehr schmal                                                                             | muy estrecha                                                                                        | H 1116 (i)                                                                | 1             |
|         | narrow                                                                                      |          | étroite                                                                                                        |     | schmal                                                                                  | estrecha                                                                                            | EVERMLV19 (i)                                                             | 2             |
|         | medium                                                                                      |          | moyenne                                                                                                        |     | mittel                                                                                  | media                                                                                               | LABZ0008 (i)                                                              | 3             |
|         | broad                                                                                       |          | large                                                                                                          |     | breit                                                                                   | ancha                                                                                               | Purpleberry Ruffles (i)                                                   | 4             |
|         | very broad                                                                                  |          | très large                                                                                                     |     | sehr breit                                                                              | muy ancha                                                                                           | 3049EVERG (i)                                                             | 5             |

|         | English                                            |          | français                                                      |     | deutsch                                     | español                                                        | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|----------------------------------------------------|----------|---------------------------------------------------------------|-----|---------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 37. (*) | PQ                                                 | VG       | (+)                                                           | (b) |                                             |                                                                |                                                                           |               |
|         | <b>Infertile bracts: shape</b>                     |          | <b>Bractées stériles :<br/>forme</b>                          |     | <b>Sterile Hüllblätter:<br/>Form</b>        | <b>Brácteas estériles:<br/>forma</b>                           |                                                                           |               |
|         | linear                                             |          | linéaire                                                      |     | linear                                      | lineal                                                         | H 1116 (i)                                                                | 1             |
|         | elliptic                                           |          | elliptique                                                    |     | elliptisch                                  | elíptica                                                       | Purpleberry Ruffles (i)                                                   | 2             |
|         | oblong                                             |          | oblongue                                                      |     | rechteckig                                  | oblonga                                                        | Pukehou (i)                                                               | 3             |
|         | oblanceolate                                       |          | oblanceolée                                                   |     | verkehrt lanzettlich                        | oblanceolada                                                   | TV 38 (i)                                                                 | 4             |
|         | obovate                                            |          | obovale                                                       |     | verkehrt eiförmig                           | oboval                                                         | KLELV15115 (i)                                                            | 5             |
|         | spatulate                                          |          | spatulée                                                      |     | spatelförmig                                | espatulada                                                     | Otto Quast (i)                                                            | 6             |
|         | rhombic                                            |          | rhombique                                                     |     | rhombisch                                   | rómbica                                                        | EVERMLV19 (i)                                                             | 7             |
| 38. (*) | PQ                                                 | VG       |                                                               | (b) |                                             |                                                                |                                                                           |               |
|         | <b>Infertile bracts: main<br/>color</b>            |          | <b>Bractées stériles :<br/>couleur principale</b>             |     | <b>Sterile Hüllblätter:<br/>Hauptfarbe</b>  | <b>Brácteas estériles:<br/>color principal</b>                 |                                                                           |               |
|         | RHS Colour Chart<br>(indicate reference<br>number) |          | Code RHS des couleurs<br>(indiquer le numéro de<br>référence) |     | RHS-Farbkarte<br>(Nummer angeben)           | Carta de colores RHS<br>(indíquese el número de<br>referencia) |                                                                           |               |
| 39.     | QN                                                 | VG       | (+)                                                           | (b) |                                             |                                                                |                                                                           |               |
|         | <b>Infertile bracts:<br/>undulation of margin</b>  |          | <b>Bractées stériles :<br/>ondulation du bord</b>             |     | <b>Sterile Hüllblätter:<br/>Randwellung</b> | <b>Brácteas estériles:<br/>ondulación del<br/>margen</b>       |                                                                           |               |
|         | very weak                                          |          | très faible                                                   |     | sehr gering                                 | muy débil                                                      |                                                                           | 1             |
|         | weak                                               |          | faible                                                        |     | gering                                      | débil                                                          | LABZ0011 (i)                                                              | 2             |
|         | medium                                             |          | moyenne                                                       |     | mittel                                      | media                                                          | Purpleberry Ruffles (i)                                                   | 3             |
|         | strong                                             |          | forte                                                         |     | stark                                       | fuerte                                                         | TV 38 (i)                                                                 | 4             |
|         | very strong                                        |          | très forte                                                    |     | sehr stark                                  | muy fuerte                                                     | Lavst103 (i)                                                              | 5             |
| 40.     | QN                                                 | MG/MS/VG | (+)                                                           |     |                                             |                                                                |                                                                           |               |
|         | <b>Pedicel: length</b>                             |          | <b>Pédicelle : longueur</b>                                   |     | <b>Blütenstiel: Länge</b>                   | <b>Pedículo: longitud</b>                                      |                                                                           |               |
|         | short                                              |          | courte                                                        |     | kurz                                        | corta                                                          | LAAZ0009 (f),<br>Purpleberry Ruffles (i)                                  | 1             |
|         | medium                                             |          | moyenne                                                       |     | mittel                                      | media                                                          |                                                                           | 2             |
|         | long                                               |          | longue                                                        |     | lang                                        | larga                                                          |                                                                           | 3             |
| 41. (*) | PQ                                                 | VG       |                                                               | (b) |                                             |                                                                |                                                                           |               |
|         | <b>Calyx: color</b>                                |          | <b>Calice : couleur</b>                                       |     | <b>Kelch: Farbe</b>                         | <b>Cáliz: color</b>                                            |                                                                           |               |
|         | greyish                                            |          | grisâtre                                                      |     | gräulich                                    | grisáceo                                                       | EVERMLV19 (i)                                                             | 1             |
|         | greenish                                           |          | verdâtre                                                      |     | grünlich                                    | verdoso                                                        | Azur (f), LABZ0008 (i)                                                    | 2             |
|         | purplish                                           |          | pourpre                                                       |     | purpurn                                     | purpúreo                                                       | Purpleberry Ruffles (i)                                                   | 3             |
|         | violet                                             |          | violacé                                                       |     | violett                                     | violeta                                                        | LAAZ0008 (f)                                                              | 4             |

|         | English                                         |       | français                                                   | deutsch                            | español                                                     | Example Varieties/<br>Exemples/<br>Beispielssorten/<br>Variedades ejemplo | Note/<br>Nota |
|---------|-------------------------------------------------|-------|------------------------------------------------------------|------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| 42.     | QN                                              | VG    | (b)                                                        |                                    |                                                             |                                                                           |               |
|         | <b>Calyx: density of pubescence</b>             |       | <b>Calice : densité de la pubescence</b>                   | <b>Kelch: Dichte der Behaarung</b> | <b>Cáliz: densidad de pubescencia</b>                       |                                                                           |               |
|         | very sparse                                     |       | très lâche                                                 | sehr locker                        | muy laxa                                                    |                                                                           | 1             |
|         | sparse                                          |       | lâche                                                      | locker                             | laxa                                                        | IBPRU41016 (i),<br>Meerlo (f)                                             | 2             |
|         | medium                                          |       | moyenne                                                    | mittel                             | media                                                       | LAAZ0008 (f),<br>LABZ0011 (i)                                             | 3             |
|         | dense                                           |       | dense                                                      | dicht                              | densa                                                       | KLELV15115 (i),<br>LAAZ0009 (f)                                           | 4             |
|         | very dense                                      |       | très dense                                                 | sehr dicht                         | muy densa                                                   | EVERMLV19 (i),<br>Kerbeelight (f)                                         | 5             |
| 43. (*) | PQ                                              | VG    | (c)                                                        |                                    |                                                             |                                                                           |               |
|         | <b>Corolla: main color</b>                      |       | <b>Corolle : couleur principale</b>                        | <b>Krone: Hauptfarbe</b>           | <b>Corola: color principal</b>                              |                                                                           |               |
|         | RHS Colour chart<br>(indicate reference number) |       | Code RHS des couleurs<br>(indiquer le numéro de référence) | RHS-Farbkarte<br>(Nummer angeben)  | Carta de colores RHS<br>(indíquese el número de referencia) |                                                                           |               |
| 44.     | PQ                                              | VG    | (c)                                                        |                                    |                                                             |                                                                           |               |
|         | <b>Corolla: secondary color</b>                 |       | <b>Corolle : couleur secondaire</b>                        | <b>Krone: Sekundärfarbe</b>        | <b>Corola: color secundario</b>                             |                                                                           |               |
|         | RHS Colour Chart<br>(indicate reference number) |       | Code RHS des couleurs<br>(indiquer le numéro de référence) | RHS-Farbkarte<br>(Nummer angeben)  | Carta de colores RHS<br>(indíquese el número de referencia) |                                                                           |               |
| 45.     | QN                                              | MG/VG | (+)                                                        |                                    |                                                             |                                                                           |               |
|         | <b>Time of beginning of flowering</b>           |       | <b>Époque de début de floraison</b>                        | <b>Zeitpunkt Blühbeginns</b>       | <b>Época de inicio de la floración</b>                      |                                                                           |               |
|         | very early                                      |       | très précoce                                               | sehr früh                          | muy temprana                                                |                                                                           | 1             |
|         | very early to early                             |       | très précoce à précoce                                     | sehr früh bis früh                 | muy temprana a temprana                                     |                                                                           | 2             |
|         | early                                           |       | précoce                                                    | früh                               | temprana                                                    | Azur (f), LABZ0008 (i)                                                    | 3             |
|         | early to medium                                 |       | précoce à moyenne                                          | früh bis mittel                    | temprana a media                                            | Meerlo (f)                                                                | 4             |
|         | medium                                          |       | moyenne                                                    | mittel                             | media                                                       | Ferréol (f),<br>Purpleberry Ruffles (i)                                   | 5             |
|         | medium to late                                  |       | moyenne à tardive                                          | mittel bis spät                    | media a tardía                                              | LABZ0011 (i), Niko (f)                                                    | 6             |
|         | late                                            |       | tardive                                                    | spät                               | tardía                                                      | Abrial (f),<br>FW Radiance (i)                                            | 7             |
|         | late to very late                               |       | tardive à très tardive                                     | spat bis sehr spät                 | tardía a muy tardía                                         |                                                                           | 8             |
|         | very late                                       |       | très tardive                                               | sehr spät                          | muy tardía                                                  |                                                                           | 9             |

## 8. Explanations on the Table of Characteristics

### 8.1 *Explanations covering several characteristics*

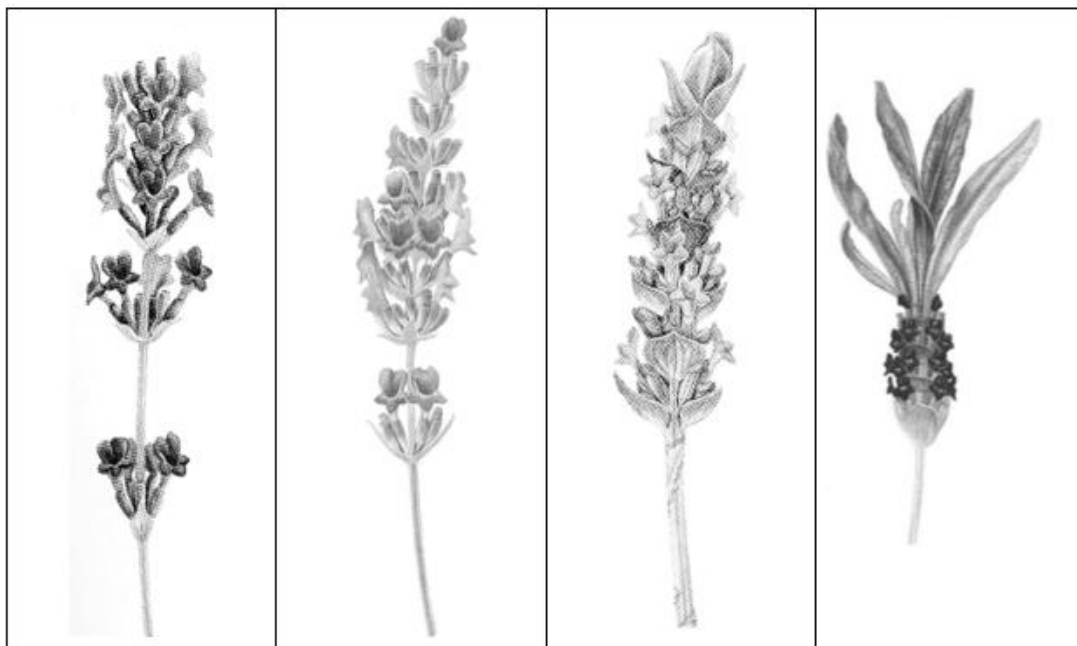
Unless otherwise indicated all observations should be made when 80% of the spikes are flowering.

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

- (a) Observations should be made on fully developed leaves from the middle third of the main flowering stem.
- (b) Observations should be made on the main flowering stem.
- (c) The main color is the color with the largest surface area. In cases where the areas of the main and secondary color are too similar to reliably decide which color has the largest area, the darker color is considered to be the main color.

### 8.2 *Explanations for individual characteristics*

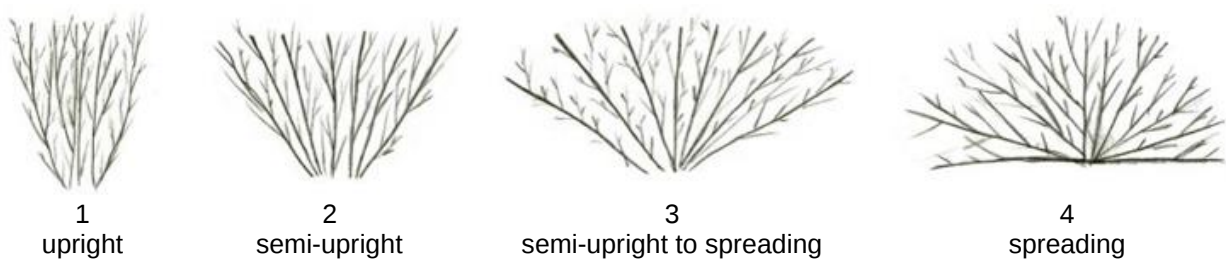
#### Ad. 1: Plant: type



1  
without infertile bracts

9  
with infertile bracts  
Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

#### Ad. 2: Plant: growth habit



1  
upright

2  
semi-upright

3  
semi-upright to spreading

4  
spreading

Ad. 5: Plant: density



3  
sparse



5  
medium



7  
dense

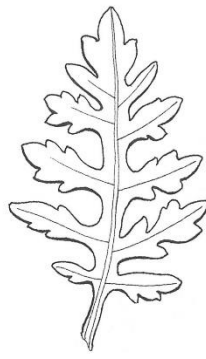
Ad. 12: Leaf: type



1  
entire



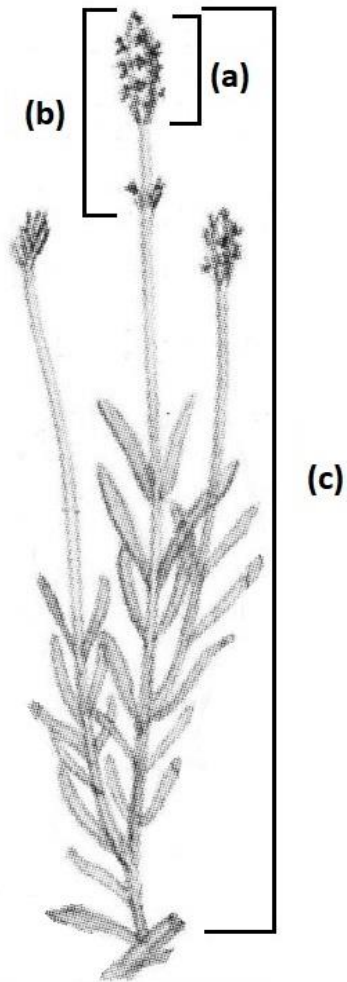
2  
incised



3  
divided

Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 13: Flowering stem: length



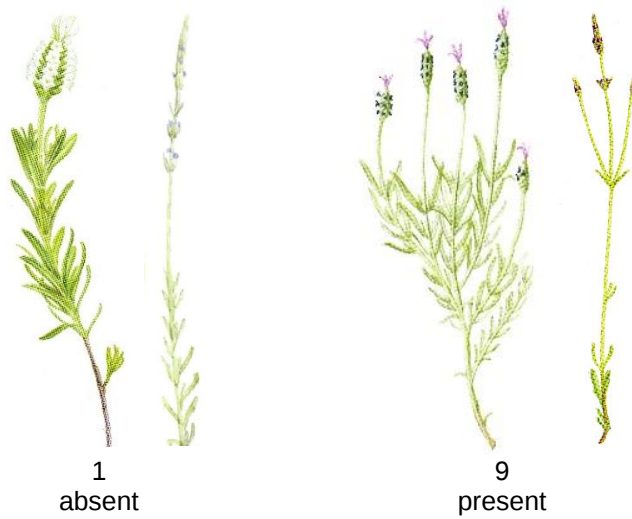
- (a) Only varieties with Plant type: without infertile bracts: Spike: length from second whorl
- (b) Spike: length from first whorl
- (c) Flowering stem: length

Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 14: Flowering stem: thickness

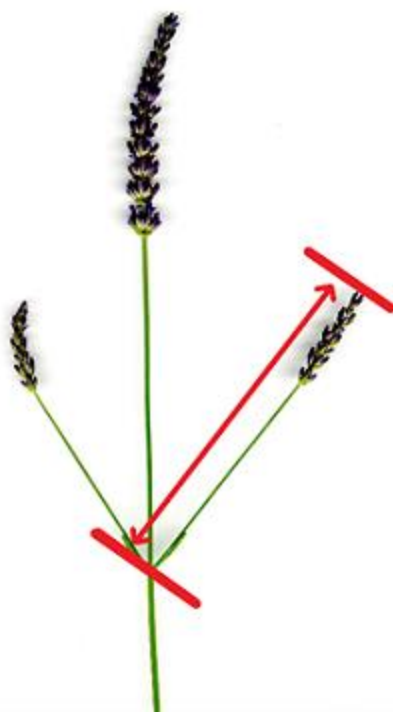
Observation should be made at middle third of the stem, excluding the spike

Ad. 18: Flowering stem: lateral branching above foliage



Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 20: Flowering stem: length of the longest lateral branch above foliage

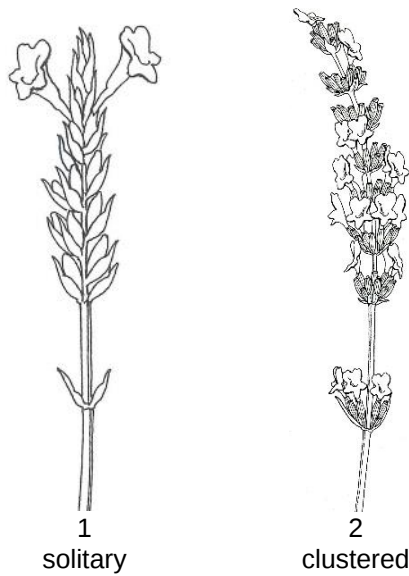


Only varieties with Plant: type:  
without infertile bracts



Only varieties with Plant: type:  
with infertile bracts

Ad. 21: Only varieties with Plant: type: without infertile bracts: Spike: arrangement of flowers



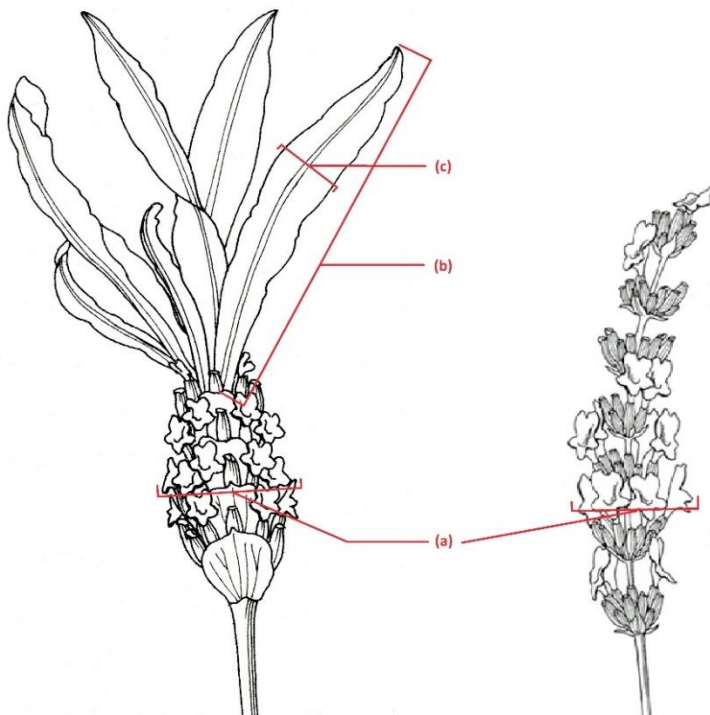
Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 22: Spike: length from first whorl

See Ad. 13

Ad. 23: Spike: width

Observations should be made at full flowering, on the widest point of the spike (including corolla).



- (a) Spike: width
- (b) Infertile bracts: length
- (c) Infertile bracts: width

Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 24: Only varieties with Plant type: without infertile bracts: Spike: length from second whorl

See Ad. 13

Ad. 26: Only varieties with Plant type: without infertile bracts: Spike: density

Observations should be made from the second whorl.



1  
very sparse



5  
medium



9  
very dense

Ad. 27: Spike: shape



1  
narrow conical



2  
medium conical



3  
truncate conical



4  
cylindrical



5  
fusiform



6  
narrow rhomboid

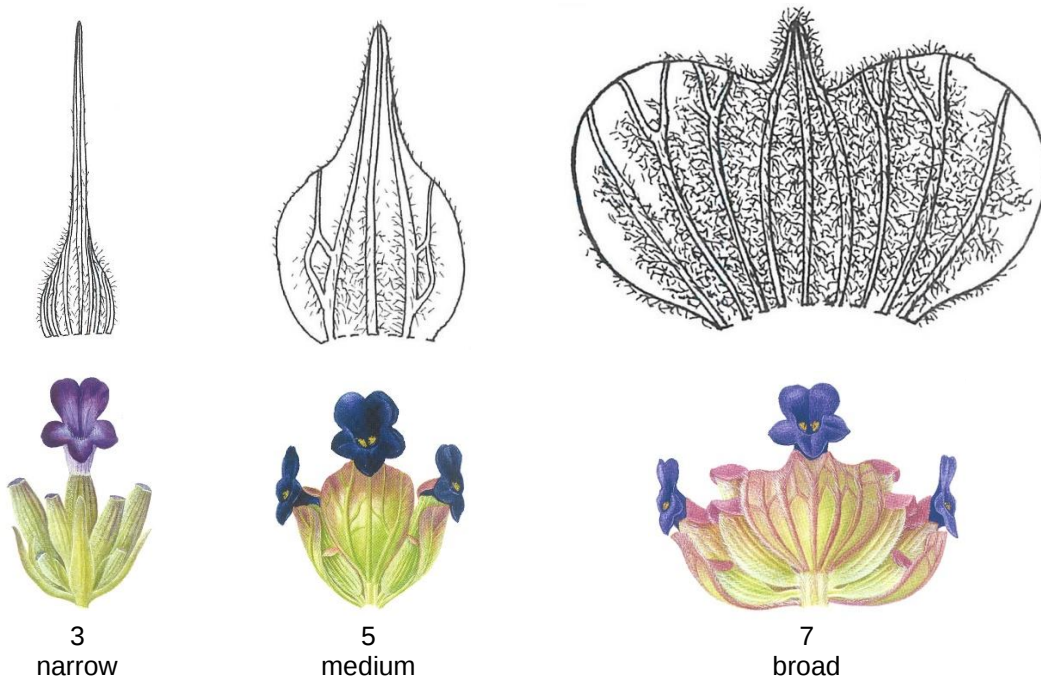
State 7: Both conical and cylindrical shapes are observed on each plant, in the same proportion.

Ad. 28: Spike: number of flowers



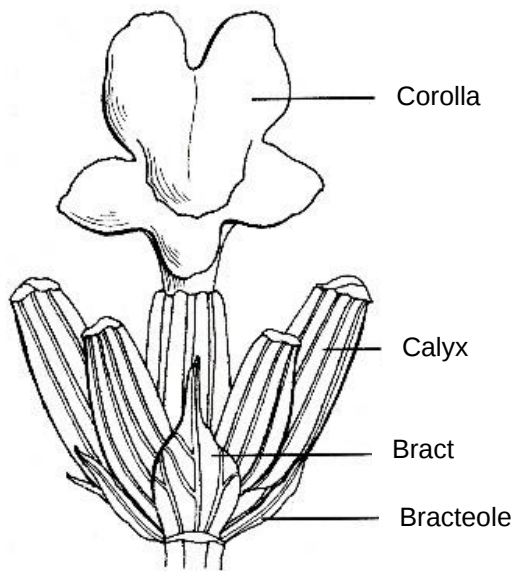
Ad. 30: Spike: width of fertile bracts

Observations should be made on the broadest part of the bracts, before drying out.



Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 32: Only varieties with Plant type: without infertile bracts: Spike: bracteoles



Courtesy of Georita Harriott, Royal Botanic Garden, Kew.

Ad. 33: Only varieties with Plant type: without infertile bracts: Spike: length of bracteole



1  
short



2  
medium



3  
long

Ad. 34: Infertile bracts: number



1  
few



3  
medium



5  
many

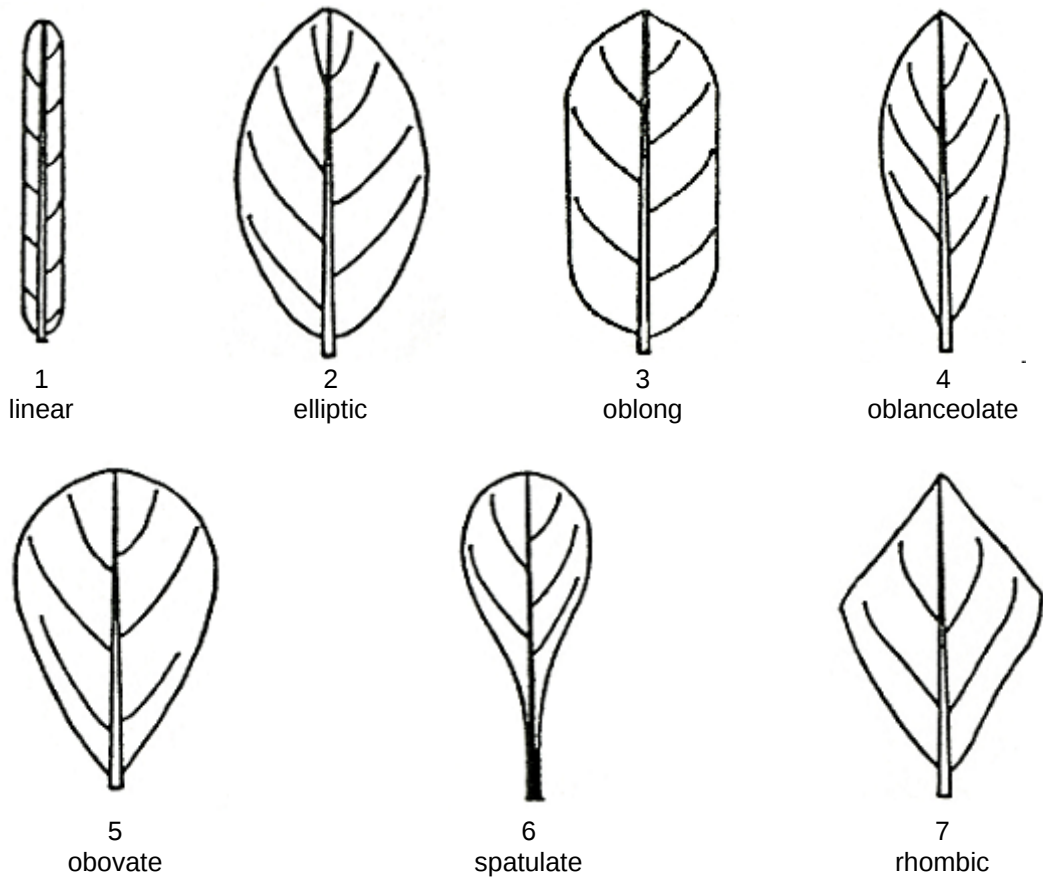
Ad. 35: Infertile bracts: length

See Ad. 23

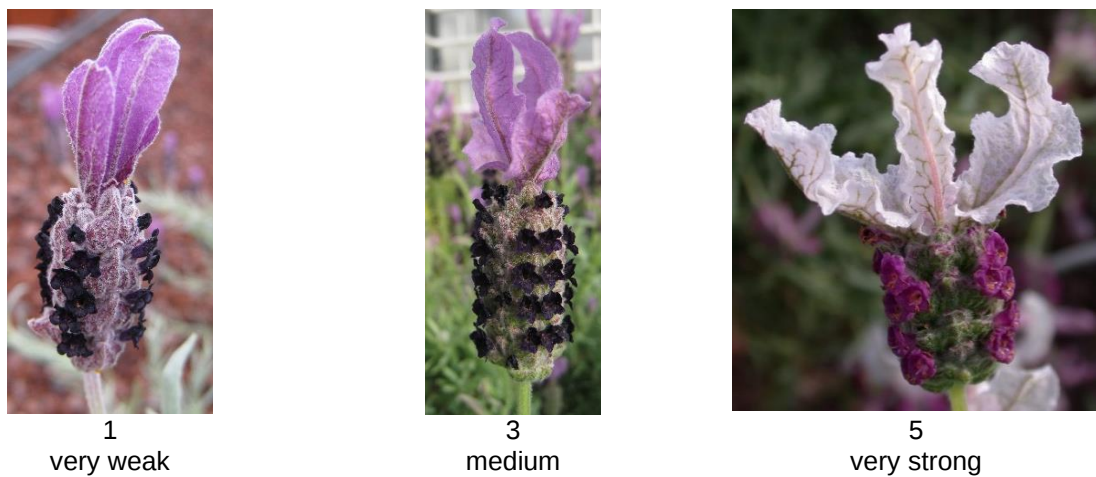
Ad. 36: Infertile bracts: width

See Ad. 23

Ad. 37: Infertile bracts: shape



Ad. 39: Infertile bracts: undulation of margin



Ad. 40: Pedicel: length



1  
short



2  
medium



3  
long

Ad. 45: Time of beginning of flowering

The beginning of flowering is reached when 20% of the plants have open flowers.

9. Literature

Armitage, A.M., 1989: Herbaceous Perennial Plants. Varsity Press, Inc., Athens, Georgia.

De Wolf, Gordon P., 1955: Notes on Cultivated Labiates. 5. Lavandula B... 3: 47-57.

McLeod J.A., 1989: Lavander, Sweet Lavender. Kangaroo Press, reprinted in 1991.

McNaughton, V.J., 1994: The Essential Lavender, Penguin Books.

McNaughton, V. J., 2000: Lavender: The Grower's Guide. Bloomings Books, Melbourne.

Tucker, Arthur O., 1981: The Correct Name of Lavandin and its Cultivars (Labiatae), Baileya 21: 131 – 133.

Tucker, Arthur O. and Hensen, Karel, J.W., 1985: The Cultivars of Lavender and Lavandin (Labiatae), Baileya 22: 168 – 177.

Upson, Tim and Andrews, Susyn, 2004: The Genus Lavandula, Royal Botanic Garden, Kew.

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                                                                                                     | Botanical name<br><input type="text" value="Lavandula L."/>     |
| 1.2                                                                                                     | Common name<br><input type="text" value="Lavandula, Lavender"/> |
| 1.3                                                                                                     | Species (please indicate):<br><input type="text"/>              |
| 2.                                                                                                      | Applicant                                                       |
|                                                                                                         | Name<br><input type="text"/>                                    |
|                                                                                                         | Address<br><input type="text"/>                                 |
|                                                                                                         | Telephone No.<br><input type="text"/>                           |
|                                                                                                         | Fax No.<br><input type="text"/>                                 |
|                                                                                                         | E-mail address<br><input type="text"/>                          |
|                                                                                                         | Breeder (if different from applicant)<br><input type="text"/>   |
| 3.                                                                                                      | Proposed denomination and breeder's reference                   |
|                                                                                                         | Proposed denomination<br>(if available)<br><input type="text"/> |
|                                                                                                         | Breeder's reference<br><input type="text"/>                     |

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

|       |                                                                   |             |
|-------|-------------------------------------------------------------------|-------------|
| #4.   | Information on the breeding scheme and propagation of the variety |             |
| 4.1   | Breeding scheme                                                   |             |
|       | Variety resulting from:                                           |             |
| 4.1.1 | Crossing                                                          |             |
| (a)   | controlled cross                                                  | [ ]         |
|       | (please state parent variety)                                     |             |
|       | (.....)                                                           | x (.....)   |
|       | female parent                                                     | male parent |
| (b)   | partially known cross                                             | [ ]         |
|       | (please state known parent variety(ies))                          |             |
|       | (.....)                                                           | x (.....)   |
|       | female parent                                                     | male parent |
| (c)   | unknown cross                                                     | [ ]         |
| 4.1.2 | Mutation                                                          | [ ]         |
|       | (please state parent variety)                                     |             |
|       | <div></div>                                                       |             |
| 4.1.3 | Discovery and development                                         | [ ]         |
|       | (please state where and when discovered and how developed)        |             |
|       | <div></div>                                                       |             |
| 4.1.4 | Other                                                             | [ ]         |
|       | (Please provide details)                                          |             |
|       | <div></div>                                                       |             |

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

4.2 Method of propagating the variety

4.2.1 Vegetative propagation

- (a) Cuttings [ ]  
(b) *In vitro* propagation [ ]  
(c) Other (state method) [ ]

4.2.2 Seeds [ ]

4.2.3 Other [ ]  
(Please provide details)

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

5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

| Characteristics                                             | Example Varieties                        | Note  |
|-------------------------------------------------------------|------------------------------------------|-------|
| <b>5.1 Plant: type</b><br><b>(1)</b>                        |                                          |       |
| without infertile bracts                                    | Twickel Purple (f)                       | 1 [ ] |
| with infertile bracts                                       | Marshwood (i)                            | 9 [ ] |
| <b>5.2 Plant: growth habit</b><br><b>(2)</b>                |                                          |       |
| upright                                                     | 3049EVERG (i), Meerlo (f)                | 1 [ ] |
| semi-upright                                                | KLELV15115 (i), Twickel Purple (f)       | 2 [ ] |
| semi-upright to spreading                                   | Munstead (f), TV 38 (i)                  | 3 [ ] |
| spreading                                                   | Lavst103 (i), Pas1213797 (f)             | 4 [ ] |
| <b>5.3 Plant: height in relation to width</b><br><b>(4)</b> |                                          |       |
| much taller than broad                                      | 3049EVERG (i), LAVVAL (f)                | 1 [ ] |
| slightly taller than broad                                  | KLELV15115 (i), Ostinato (f)             | 2 [ ] |
| as tall as broad                                            | LAAZ0006 (f), Lavst103 (i)               | 3 [ ] |
| slightly broader than tall                                  | Nana Alba (f), Purpleberry Ruffles (i)   | 4 [ ] |
| much broader than tall                                      | DC000020LS (i), LAAZ0009 (f)             | 5 [ ] |
| <b>5.4 Leaf: variegation</b><br><b>(8)</b>                  |                                          |       |
| absent                                                      | Felice pink (f), LABZ0011 (i)            | 1 [ ] |
| present                                                     | Meerlo (f)                               | 9 [ ] |
| <b>5.5 Leaf: type</b><br><b>(12)</b>                        |                                          |       |
| entire                                                      | Felice pink (f), Purpleberry Ruffles (i) | 1 [ ] |
| incised                                                     | Meerlo (f), Pure Harmony (i)             | 2 [ ] |
| divided                                                     |                                          | 3 [ ] |

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

| Characteristics                                                                                           | Example Varieties | Note  |
|-----------------------------------------------------------------------------------------------------------|-------------------|-------|
| <b>5.6(i) Infertile bracts: main color</b><br><b>(38)</b><br>RHS Colour Chart (indicate reference number) |                   |       |
| <b>5.6(ii) Infertile bracts: main color</b><br><b>(38)</b><br>white                                       |                   | 1 [ ] |
| green                                                                                                     |                   | 2 [ ] |
| pink                                                                                                      |                   | 3 [ ] |
| light purple                                                                                              |                   | 4 [ ] |
| medium purple                                                                                             |                   | 5 [ ] |
| dark purple                                                                                               |                   | 6 [ ] |
| violet                                                                                                    |                   | 7 [ ] |
| other (please specify)                                                                                    |                   | [ ]   |
| <b>5.7(i) Corolla: main color</b><br><b>(43)</b><br>RHS Colour chart (indicate reference number)          |                   |       |
| <b>5.7(ii) Corolla: main color</b><br><b>(43)</b><br>white                                                |                   | 1 [ ] |
| pink                                                                                                      |                   | 2 [ ] |
| purple                                                                                                    |                   | 3 [ ] |
| violet                                                                                                    |                   | 4 [ ] |
| blue                                                                                                      |                   | 5 [ ] |
| other (please specify)                                                                                    |                   | [ ]   |

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

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(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>Plant: density</i>                                                                   | <i>sparse</i>                                                                        | <i>dense</i>                                                                       |
|                                                                   |                                                                                         |                                                                                      |                                                                                    |
|                                                                   |                                                                                         |                                                                                      |                                                                                    |
|                                                                   |                                                                                         |                                                                                      |                                                                                    |
| Comments:                                                         |                                                                                         |                                                                                      |                                                                                    |

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

#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 provide details)

7.2 Are there any special conditions for growing the variety or conducting the examination?

Yes ☐ No ☐

(If yes, please provide details)

7.3 Other information

A representative color photograph of the variety displaying its main distinguishing feature(s), should accompany the Technical Questionnaire. The photograph will provide a visual illustration of the candidate variety which supplements the information provided in the Technical Questionnaire.

The key points to consider when taking a photograph of the candidate variety are:

- Indication of the date and geographic location
- Correct labeling (breeder's reference)
- Good quality printed photograph (minimum 10 cm x 15 cm) and/or sufficient resolution electronic format version (minimum 960 x 1280 pixels)"

Further guidance on providing photographs with the Technical Questionnaire is available in document TGP/7 "Development of Test Guidelines", Guidance Note 35 (<http://www.upov.int/tgp/en/>).

[The link provided may be deleted by members of the Union when developing authorities' own test guidelines.]

- Is the variety intended to be grown

- in greenhouse ☐
- outdoor ☐

- Main use (please indicate):

- garden plant ☐
- pot plant ☐
- dried flowers ☐
- essential oil ☐
- others (specify) ☐

.....

- Resistance to pests and diseases

.....

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                           |                  |                                                    |         |           |                      |                                                       |         |        |     |                |         |        |     |               |         |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------|------------------|----------------------------------------------------|---------|-----------|----------------------|-------------------------------------------------------|---------|--------|-----|----------------|---------|--------|-----|---------------|---------|--------|
| <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                       |                           |                  |                                                    |         |           |                      |                                                       |         |        |     |                |         |        |     |               |         |        |
| <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 border="0"><tr><td>(a)</td><td>Microorganisms (e.g. virus, bacteria, phytoplasma)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(b)</td><td>Chemical treatment (e.g. growth retardant, pesticide)</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(c)</td><td>Tissue culture</td><td>Yes [ ]</td><td>No [ ]</td></tr><tr><td>(d)</td><td>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 border="0"><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"/> |                  |                                                    |         |           |                      |                                                       |         |        |     |                |         |        |     |               |         |        |

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