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| |  |  |  | | --- | --- | --- | |  |  | **E** | |  |  |  | |  |  | |  | | --- | | **TG/148/3(proj.4)** | | **ORIGINAL:** English | | **DATE:** 2023-08-31 | | | **INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS** | | | |  | Geneva |  | |  | |  |  |  | | --- | --- | --- | |  |  |  | |  | DRAFT |  | |  |  |  | |  | |  |  |  | |  | |  | | --- | |  | | **WEIGELA** | |  | | |  | | --- | |  | | |  | | --- | | UPOV Code(s): WEIGE | | |  | | |  | | |  |  | | --- | --- | | |  | | --- | | *Weigela* Thunb. | | |  | | |  | | |  | | --- | | \* | | |  |  |  | | |  | | --- | | **GUIDELINES** | |  | | **FOR THE CONDUCT OF TESTS** | |  | | **FOR DISTINCTNESS, UNIFORMITY AND STABILITY** | | | | |  |  |  | | |  | | --- | | *prepared by an expert from France*  *to be considered by*  *the Technical Committee at its fifty-ninth session*  *to be held in Geneva on October 23 and 24, 2023* | | | | | *Disclaimer: this document does not represent UPOV policies or guidance* | | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  | | --- | | Alternative names:\* | | | | | | | |  | | --- | |  | | | | | | | *Botanical name* | *English* | *French* | *German* | *Spanish* | | |  | | --- | | *Weigela* Thunb., *Calyptrostigma* Trautv. & C. A. Mey., *Calysphyrum* Bunge | | |  | | --- | | Weigela | | |  | | --- | | Weigela | | |  | | --- | | Weigelie | | |  | | --- | | Weigela | | | | | |  |  |  | | The purpose of these guidelines (“Test Guidelines”) is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions. | | | |  | | | | |  | | --- | | **ASSOCIATED DOCUMENTS** | | These Test Guidelines should be read in conjunction with the General Introduction and its associated TGP documents. | |  | | | | |

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| |  |  | | --- | --- | | TABLE OF CONTENTS | PAGE | |  |  | | |  |  |  | | --- | --- | --- | | 1. | SUBJECT OF THESE TEST GUIDELINES.......................................................................................................... | [3](#Section1) | |  |  |  | | 2. | MATERIAL REQUIRED......................................................................................................................................... | [3](#Section2) | |  |  |  | | 3. | METHOD OF EXAMINATION................................................................................................................................ | [3](#Section3) | |  |  |  | |  | |  |  |  | | --- | --- | --- | | 3.1 | Number of Growing Cycles........................................................................................................................ | [3](#Section3-1) | | 3.2 | Testing Place............................................................................................................................................. | [3](#Section3-2) | | 3.3 | Conditions for Conducting the Examination............................................................................................... | [3](#Section3-3) | | 3.4 | Test Design................................................................................................................................................ | [3](#Section3-4) | | 3.5 | Additional Tests......................................................................................................................................... | [3](#Section3-5) | | | |  |  |  | | 4. | ASSESSMENT OF DISTINCTNESS, UNIFORMITY AND STABILITY................................................................. | [4](#Section4) | |  |  |  | |  | |  |  |  | | --- | --- | --- | | 4.1 | Distinctness............................................................................................................................................... | [4](#Section4-1) | | 4.2 | Uniformity.................................................................................................................................................. | [5](#Section4-2) | | 4.3 | Stability...................................................................................................................................................... | [5](#Section4-3) | | | |  |  |  | | 5. | GROUPING OF VARIETIES AND ORGANIZATION OF THE GROWING TRIAL................................................ | [5](#Section5) | |  |  |  | | 6. | INTRODUCTION TO THE TABLE OF CHARACTERISTICS................................................................................ | [7](#Section6) | |  |  |  | |  | |  |  |  | | --- | --- | --- | | 6.1 | Categories of Characteristics..................................................................................................................... | [7](#Section6-1) | | 6.2 | States of Expression and Corresponding Notes........................................................................................ | [7](#Section6-2) | | 6.3 | Types of Expression.................................................................................................................................. | [7](#Section6-3) | | 6.4 | Example Varieties...................................................................................................................................... | [7](#Section6-4) | | 6.5 | Legend....................................................................................................................................................... | [8](#Section6-5) | | | |  |  |  | | 7. | TABLE OF CHARACTERISTICS/TABLEAU DES CARACTÈRES/MERKMALSTABELLE/TABLA DE CARACTERES...................................................................................................................................................... | [9](#Section7) | |  |  |  | | 8. | EXPLANATIONS ON THE TABLE OF CHARACTERISTICS............................................................................... | [19](#Section8) | |  | |  |  |  | | --- | --- | --- | | 8.1 | Explanations covering several characteristics........................................................................................... | [19](#Section8-1) | | |  | | --- | | 8.2 | | Explanations for individual characteristics................................................................................................. | [20](#Section8-2) | | | |  |  |  | | 9. | LITERATURE......................................................................................................................................................... | [26](#Section9) | |  |  |  | | 10. | TECHNICAL QUESTIONNAIRE............................................................................................................................ | [27](#Section10) | |  |  |  | |  | |  | | --- | |  | |  | | | |

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| 1. | Subject of these Test Guidelines |
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|  | |  | | --- | | These Test Guidelines apply to all varieties of *Weigela* Thunb. | |

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| 2. | Material Required |
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| 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 plants (two years old) on their own roots. | |
|  |  |
| 2.3 | |  | | --- | | The minimum quantity of plant material, to be supplied by the applicant, should be: | |
|  |  |
|  | |  | | --- | | 6 plants | |
|  |  |
| 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. | |

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| 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. |
|  |  |

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| --- | --- |
| *3.4* | *Test Design* |
|  |  |
| 3.4.1 | |  | | --- | | Each test should be designed to result in a total of at least 6 plants. | |
|  |  |
| |  | | --- | | 3.4.2 | | |  | | --- | | The design of the tests should be such that plants or parts of plants may be removed for measurement or counting without prejudice to the observations which must be made up to the end of the growing cycle. | |
|  |  |
| |  | | --- | |  |   *3.5* | *Additional Tests* |
|  |  |
|  | Additional tests, for examining relevant characteristics, may be established. |

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| 4. | Assessment of Distinctness, Uniformity and Stability |
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| *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 | |
|  |  |
|  | |  | | --- | | Unless otherwise indicated, for the purposes of distinctness, all observations on single plants should be made on 5 plants or parts of plants taken from each of 5 plants and any other observations made on all plants in the test, disregarding any off-type plants. | |
|  |  |
| 4.1.5 | Method of Observation |
|  |  |
|  | The recommended method of observing the characteristic for the purposes of distinctness is indicated by the following key in the 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 | |
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|  | 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. |
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| *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. 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 6 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. |
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| 4.3.2 | Where appropriate, or in cases of doubt, stability may be further examined by testing a new plant stock to ensure that it exhibits the same characteristics as those shown by the initial material supplied. |

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| 5. | Grouping of Varieties and Organization of the Growing Trial |
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| 5.1 | The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate the assessment of distinctness are aided by the use of grouping characteristics. |
|  |  |
| 5.2 | Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with other such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness; and (b) to organize the growing trial so that similar varieties are grouped together. |
|  |  |
| 5.3 | The following have been agreed as useful grouping characteristics: |
|  | |  |  |  | | --- | --- | --- | |  |  |  | | |  | | --- | | (a) | |  | |  | | --- | | Plant: growth habit (characteristic 3) | | | |  | | --- | | (b) | |  | |  | | --- | | Shoot: color (characteristic 5) | | | |  | | --- | | (c) | |  | |  | | --- | | Leaf blade: main color (characteristic 16) | | | |  | | --- | | (d) | |  | |  | | --- | | Leaf blade: secondary color (characteristic 17) | | | |  | | --- | | (e) | |  | |  | | --- | | Leaf blade: presence of tertiary color (characteristic 19) | | | |  | | --- | | (f) | |  | |  | | --- | | Inflorescence: type (characteristic 24) | | | |  | | --- | | (g) | |  | |  | | --- | | Flower: different colored flowers on the same plant (characteristic 28) | | | |  | | --- | | (h) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of outer side (characteristic 29) with the following groups:  Gr. 1: white  Gr. 2: yellow  Gr. 3: pink  Gr. 4: red  Gr. 5: purple | | | |  | | --- | | (i) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of inner side (characteristic 32) with the following groups:  Gr. 1: white  Gr. 2: yellow  Gr. 3: pink  Gr. 4: red  Gr. 5: purple | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  | | --- | | (j) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the predominantly present flower (characteristic 34) with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | | |  | | --- | | (k) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the predominantly present flower (characteristic 35)  with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | | |  | | --- | | (l) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the second predominantly present flower (characteristic 36) with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | | |  | | --- | | (m) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the second predominantly present flower (characteristic 37) with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | | |  | | --- | | (n) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the third predominantly present flower (characteristic 38) with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  | | --- | | (o) | |  | |  | | --- | | Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the third predominantly present flower (characteristic 39) with the following groups:  Gr. 1: white  Gr. 2: pink  Gr. 3: red  Gr. 4: purple | | | |  | | --- | | (p) | |  | |  | | --- | | Corolla throat: color of blotch (characteristic 41) | | | |  | | --- | | (q) | |  | |  | | --- | | Time of beginning of flowering (characteristic 43) | | | |  |  | | --- | --- | | |  | | --- | |  | | | | | |
| 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”. |

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| 6. | Introduction to the Table of Characteristics |
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| *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. |

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| *6.5* | *Legend* |
|  |  |
| |  |  | English | | français | | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | **1** | | |  | | --- | | **2** | | |  | | --- | | **3** | | |  | | --- | | **4** | | |  | | --- | | **5** | | |  | | --- | | **6** | | |  | | --- | | **7** | | | | | |  |  | |  | | --- | | **Name of characteristics in English** | | | |  | | --- | | **Nom du caractère en français** | | | |  | | --- | | **Name des Merkmals auf Deutsch** | | |  | | --- | | **Nombre del carácter en español** | |  |  | |  |  | |  | | --- | | 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)-(i) | | |  |  | | --- | --- | | |  | | --- | | See Explanations on the Table of Characteristics in Chapter 8.1 | | | | |  |  |  |  | | 7 | |  | | --- | | Not applicable | | | | | |

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| --- | --- |
| 7. | Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres |
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|  |  | English | | français | | deutsch | español | Example Varieties Exemples Beispielssorten Variedades ejemplo | Note/ Nota |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** |  | **QN** | **MG/VG** |  | **(a)** |  | | | |
|  |  | |  | | --- | | **Plant: height** | | | |  | | --- | | **Plante : hauteur** | | | |  | | --- | | **Pflanze: Höhe** | | |  | | --- | | **Planta: altura** | |  |  |
|  |  | very short | | très courte | | sehr niedrig | muy baja | Elvera | 1 |
|  |  | very short to short | | très courte à courte | | sehr niedrig bis niedrig | muy baja a baja |  | 2 |
|  |  | short | | courte | | niedrig | baja | Bokraspark | 3 |
|  |  | short to medium | | courte à moyenne | | niedrig bis mittel | baja a media |  | 4 |
|  |  | medium | | moyenne | | mittel | media | Gloire des bosquets | 5 |
|  |  | medium to tall | | moyenne à haute | | mittel bis hoch | media a alta |  | 6 |
|  |  | tall | | haute | | hoch | alta | Girondin | 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 | Le Printemps | 9 |
| **2.** |  | **QN** | **VG** |  | **(a)** |  | | | |
|  |  | |  | | --- | | **Plant: height in relation to width** | | | |  | | --- | | **Plante : hauteur par rapport à la largeur** | | | |  | | --- | | **Pflanze: Höhe im Verhältnis zur Breite** | | |  | | --- | | **Planta: altura en relación a la anchura** | |  |  |
|  |  | taller than broad | | plus haute que large | | höher als breit | más alta que ancha | Alexandra | 1 |
|  |  | as tall as broad | | aussi haute que large | | so hoch wie breit | tan alta como ancha | Bokraspark | 2 |
|  |  | broader than tall | | plus large que haute | | breiter als hoch | más ancha que alta | Ballet | 3 |
| **3.** | **(\*)** | **QN** | **VG** | **(+)** | **(a)** |  | | | |
|  |  | |  | | --- | | **Plant: growth habit** | | | |  | | --- | | **Plante : port** | | | |  | | --- | | **Pflanze: Wuchsform** | | |  | | --- | | **Planta: hábito de crecimiento** | |  |  |
|  |  | upright | | dressé | | aufrecht | erguido |  | 1 |
|  |  | upright to spreading | | dressé à étalé | | aufrecht bis breitwüchsig | erguido a extendido |  | 2 |
|  |  | spreading | | étalé | | breitwüchsig | extendido |  | 3 |
|  |  | drooping | | pendant | | überhängend | colgante |  | 4 |
| **4.** |  | **QN** | **VG** |  | **(a)** |  | | | |
|  |  | |  | | --- | | **Plant: density** | | | |  | | --- | | **Plante : densité** | | | |  | | --- | | **Pflanze: Dichte** | | |  | | --- | | **Planta: densidad** | |  |  |
|  |  | sparse | | lâche | | locker | laxa | Fiesta | 1 |
|  |  | sparse to medium | | lâche à moyenne | | locker bis mittel | laxa a media |  | 2 |
|  |  | medium | | moyenne | | mittel | media | Kolsunn | 3 |
|  |  | medium to dense | | moyenne à dense | | mittel bis dicht | media a densa |  | 4 |
|  |  | dense | | dense | | dicht | densa | TVP2 | 5 |
| **5.** | **(\*)** | **PQ** | **VG** |  | **(b)** |  | | | |
|  |  | |  | | --- | | **Shoot: color** | | | |  | | --- | | **Rameau : couleur** | | | |  | | --- | | **Trieb: Farbe** | | |  | | --- | | **Rama: color** | |  |  |
|  |  | green | | vert | | grün | verde | Descartes | 1 |
|  |  | red | | rouge | | rot | rojo | Courtadur | 2 |
|  |  | brownish purple | | pourpre brunâtre | | bräunlich purpurn | púrpura amarronado | Alexandra | 3 |
| **6.** |  | **QN** | **VG** | **(+)** | **(b)** |  | | | |
|  |  | |  | | --- | | **Shoot: shape in cross-section** | | | |  | | --- | | **Rameau : forme en section transversale** | | | |  | | --- | | **Trieb: Form im Querschnitt** | | |  | | --- | | **Rama: forma en sección transversal** | |  |  |
|  |  | rounded | | arrondie | | abgerundet | redondeada | Eva Rathke, Marjorie | 1 |
|  |  | rounded to slightly angular | | arrondie à légèrement anguleuse | | abgerundet bis leicht kantig | redondeado a ligeramente angular | Courtadur | 2 |
|  |  | angular | | anguleuse | | kantig | angular | Descartes | 3 |
| **7.** |  | **QN** | **VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: attitude in relation to shoot** | | | |  | | --- | | **Limbe : port par rapport au rameau** | | | |  | | --- | | **Blattspreite: Haltung im Verhältnis zum Trieb** | | |  | | --- | | **Limbo: porte en relación con la rama** | |  |  |
|  |  | upwards | | vers le haut | | aufwärts gerichtet | ascendente | Kolmagira | 1 |
|  |  | outwards | | vers l'extérieur | | abstehend | orientado hacia el exterior | Kolsunn | 2 |
|  |  | downwards | | vers le bas | | abwärts gerichtet | orientado hacia abajo | Abel Carrière | 3 |
| **8.** |  | **QN** | **MG/MS/VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: length** | | | |  | | --- | | **Limbe : longueur** | | | |  | | --- | | **Blattspreite: Länge** | | |  | | --- | | **Limbo: longitud** | |  |  |
|  |  | 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 |  | 2 |
|  |  | short | | courte | | kurz | corta | Bokraspark | 3 |
|  |  | short to medium | | courte à moyenne | | kurz bis mittel | corta a media |  | 4 |
|  |  | medium | | moyenne | | mittel | media | Abel Carrière | 5 |
|  |  | medium to long | | moyenne à longue | | mittel bis lang | media a larga |  | 6 |
|  |  | long | | longue | | lang | larga | Conquête | 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 |  | 9 |
| **9.** |  | **QN** | **MG/MS/VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: width** | | | |  | | --- | | **Limbe : largeur** | | | |  | | --- | | **Blattspreite: Breite** | | |  | | --- | | **Limbo: anchura** | |  |  |
|  |  | 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 |  | 2 |
|  |  | narrow | | étroite | | schmal | estrecha | Bokraspark | 3 |
|  |  | narrow to medium | | étroite à moyenne | | schmal bis mittel | estrecha a media |  | 4 |
|  |  | medium | | moyenne | | mittel | media | Wagneri | 5 |
|  |  | medium to broad | | moyenne à large | | mittel bis breit | media a ancha |  | 6 |
|  |  | broad | | large | | breit | ancha | Conquête | 7 |
|  |  | broad to very broad | | large à très large | | breit bis sehr breit | ancha muy ancha |  | 8 |
|  |  | very broad | | très large | | sehr breit | muy ancha |  | 9 |
| **10.** | **(\*)** | **PQ** | **VG** |  | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: shape** | | | |  | | --- | | **Limbe : forme** | | | |  | | --- | | **Blattspreite: Form** | | |  | | --- | | **Limbo: forma** | |  |  |
|  |  | ovate | | ovale | | eiförmig | oval | Abel Carrière, Marjorie | 1 |
|  |  | elliptic | | elliptique | | elliptisch | elíptica | TVP2 | 2 |
|  |  | obovate | | obovale | | verkehrt eiförmig | oboval | Canary | 3 |
| **11.** |  | **QN** | **VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: profile in cross-section** | | | |  | | --- | | **Limbe : profil en section transversale** | | | |  | | --- | | **Blattspreite: Profil im Querschnitt** | | |  | | --- | | **Limbo: perfil en sección transversal** | |  |  |
|  |  | concave | | concave | | konkav | cóncavo | Wings of Fire | 1 |
|  |  | flat | | plate | | gerade | plano |  | 2 |
|  |  | convex | | convexe | | konvex | convexo | Bokraspark | 3 |
| **12.** |  | **QN** | **VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: blistering** | | | |  | | --- | | **Limbe : cloqûre** | | | |  | | --- | | **Blattspreite: Blasigkeit** | | |  | | --- | | **Limbo: abullonado** | |  |  |
|  |  | absent or weak | | absente ou faible | | fehlend oder gering | ausente o débil | Alexandra | 1 |
|  |  | weak to medium | | faible à moyenne | | gering bis mittel | débil a medio | Courtared | 2 |
|  |  | medium | | moyenne | | mittel | medio | Féerie | 3 |
|  |  | medium to strong | | moyenne à forte | | mittel bis stark | medio a fuerte | Courtatom | 4 |
|  |  | strong | | forte | | stark | fuerte | Caricature | 5 |
| **13.** | **(\*)** | **QN** | **VG** |  | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: pubescence of lower side** | | | |  | | --- | | **Limbe : pilosité de la face inférieure** | | | |  | | --- | | **Blattspreite: Behaarung der Unterseite** | | |  | | --- | | **Limbo: pubescencia del envés** | |  |  |
|  |  | absent or sparse | | absente ou faible | | fehlend oder locker | ausente o laxa | Venusta | 1 |
|  |  | medium | | moyenne | | mittel | media | TVP2 | 2 |
|  |  | dense | | forte | | dicht | densa | Courtadur | 3 |
| **14.** |  | **QN** | **VG** | **(+)** | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: undulation of margin** | | | |  | | --- | | **Limbe : ondulation du bord** | | | |  | | --- | | **Blattspreite: Randwellung** | | |  | | --- | | **Limbo: ondulación del margen** | |  |  |
|  |  | absent or weak | | absente ou faible | | fehlend oder gering | ausente o débil | Alexandra | 1 |
|  |  | medium | | moyenne | | mittel | media | Kosteriana Variegata | 2 |
|  |  | strong | | forte | | stark | fuerte | Courtared | 3 |
| **15.** |  | **QN** | **VG** |  | **(b), (c)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: incisions of margin** | | | |  | | --- | | **Limbe : incisions au bord** | | | |  | | --- | | **Blattspreite: Randeinschnitte** | | |  | | --- | | **Limbo: incisiones del margen** | |  |  |
|  |  | absent or shallow | | absentes ou peu profondes | | fehlend oder flach | ausentes o superficiales | Caricature | 1 |
|  |  | medium | | moyennes | | mittel | medias | Alexandra | 2 |
|  |  | deep | | profondes | | tief | profundas | Marjorie | 3 |
| **16.** | **(\*)** | **PQ** | **VG** |  | **(b), (c), (d), (e)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: main color** | | | |  | | --- | | **Limbe : couleur principale** | | | |  | | --- | | **Blattspreite: Hauptfarbe** | | |  | | --- | | **Limbo: color principal** | |  |  |
|  |  | yellow | | jaune | | gelb | amarillo | Newzako | 1 |
|  |  | light green | | vert clair | | hellgrün | verde clara | Bokrarob | 2 |
|  |  | medium green | | vert moyen | | mittelgrün | verde medio | Abel Carrière | 3 |
|  |  | dark green | | vert foncé | | dunkelgrün | verde oscuro | Bristol Ruby | 4 |
|  |  | purple | | pourpre | | purpurn | púrpura | Alexandra | 5 |
| **17.** | **(\*)** | **PQ** | **VG** |  | **(b), (c), (e)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: secondary color** | | | |  | | --- | | **Limbe : couleur secondaire** | | | |  | | --- | | **Blattspreite: Sekundärfarbe** | | |  | | --- | | **Limbo: color secundario** | |  |  |
|  |  | none | | aucune | | keine | ninguno | Alexandra | 1 |
|  |  | white | | blanc | | weiß | blanco | Kolsunn | 2 |
|  |  | yellowish white | | blanc jaunâtre | | gelblich weiß | blanco amarillento | Verweig | 3 |
|  |  | yellow | | jaune | | gelb | amarillo | Brigela | 4 |
|  |  | yellow green | | vert jaune | | gelbgrün | verde amarillento | Milk and Honey | 5 |
|  |  | dark green | | vert foncé | | dunkelgrün | verde oscuro | Olympiade | 6 |
| **18.** |  | **PQ** | **VG** | **(+)** | **(b), (c), (e)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: distribution of secondary color** | | | |  | | --- | | **Limbe : distribution de la couleur secondaire** | | | |  | | --- | | **Blattspreite: Verteilung der Sekundärfarbe** | | |  | | --- | | **Limbo: distribución del color secundario** | |  |  |
|  |  | on margin only | | au bord seulement | | nur am Rand | sólo en el borde | Marginata Alba | 1 |
|  |  | marginal zone | | zone marginale | | Randzone | zona del borde | Brigela | 2 |
|  |  | central zone | | zone centrale | | mittlere Zone | zona central | Olympiade | 3 |
|  |  | irregular | | irrégulière | | unregelmäßig | irregular | Milk and Honey | 4 |
| **19.** | **(\*)** | **QL** | **VG** |  | **(b), (c), (e)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: presence of tertiary color** | | | |  | | --- | | **Limbe : présence de la couleur tertiaire** | | | |  | | --- | | **Blattspreite: Vorhandensein von Tertiärfarbe** | | |  | | --- | | **Limbo: presencia de color terciario** | |  |  |
|  |  | absent | | absente | | fehlend | ausente | Alexandra | 1 |
|  |  | present | | présente | | vorhanden | presente | Kolmagira, Verweig | 9 |
| **20.** |  | **PQ** | **VG** |  | **(b), (c), (e)** |  | | | |
|  |  | |  | | --- | | **Leaf blade: tertiary color** | | | |  | | --- | | **Limbe : couleur tertiaire** | | | |  | | --- | | **Blattspreite: Tertiärfarbe** | | |  | | --- | | **Limbo: color terciario** | |  |  |
|  |  | none | | aucune | | keine | ninguno |  | 1 |
|  |  | white | | blanc | | weiß | blanco |  | 2 |
|  |  | yellowish white | | blanc jaunâtre | | gelblich weiß | blanco amarillento |  | 3 |
|  |  | yellow | | jaune | | gelb | amarillo |  | 4 |
|  |  | light green | | vert clair | | hellgrün | verde clara |  | 5 |
|  |  | medium green | | vert moyen | | mittelgrün | verde medio |  | 6 |
|  |  | greyish green | | vert grisâtre | | graugrün | verde grisáceo |  | 7 |
| **21.** |  | **PQ** | **VG** | **(+)** |  |  | | | |
|  |  | |  | | --- | | **Flower bud: color** | | | |  | | --- | | **Bouton floral : couleur** | | | |  | | --- | | **Blütenknospe: Farbe** | | |  | | --- | | **Botón floral: color** | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **22.** |  | **PQ** | **VG** | **(+)** | **(f)** |  | | | |
|  |  | |  | | --- | | **Sepal: color** | | | |  | | --- | | **Sépale : couleur** | | | |  | | --- | | **Kelchblatt: Farbe** | | |  | | --- | | **Sépalo: color** | |  |  |
|  |  | green | | vert | | grün | verde | Courtalor | 1 |
|  |  | green and red | | vert et rouge | | grün und rot | verde y rojo | Olympiade | 2 |
|  |  | red | | rouge | | rot | rojo | Bokrasopin, Verweig 4 | 3 |
|  |  | purple | | pourpre | | purpurn | púrpura | Alexandra | 4 |
| **23.** |  | **QN** | **VG** |  | **(f)** |  | | | |
|  |  | |  | | --- | | **Sepal: pubescence** | | | |  | | --- | | **Sépale : pilosité** | | | |  | | --- | | **Kelchblatt: Behaarung** | | |  | | --- | | **Sépalo: pubescencia** | |  |  |
|  |  | absent or sparse | | absente ou lâche | | fehlend oder locker | ausente o laxa |  | 1 |
|  |  | medium | | moyenne | | mittel | media |  | 2 |
|  |  | dense | | dense | | dicht | densa |  | 3 |
| **24.** | **(\*)** | **QL** | **VG** | **(+)** |  |  | | | |
|  |  | |  | | --- | | **Inflorescence: type** | | | |  | | --- | | **Inflorescence : type** | | | |  | | --- | | **Blütenstand: Typ** | | |  | | --- | | **Inflorescencia: tipo** | |  |  |
|  |  | solitary flower | | uniflore | | Einzelblüte | flor solitaria | Elvera | 1 |
|  |  | simple panicle | | panicule simple | | einfache Rispe | panícula simple | Verweig 4 | 2 |
|  |  | compound panicle | | panicule composée | | zusammengesetzte Rispe | panícula compuesta | Courtadur | 3 |
| **25.** |  | **QN** | **MG/VG** |  | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Corolla: length** | | | |  | | --- | | **Corolle : longueur** | | | |  | | --- | | **Krone: Länge** | | |  | | --- | | **Corola: longitud** | |  |  |
|  |  | short | | courte | | kurz | corta |  | 1 |
|  |  | medium | | moyenne | | mittel | media |  | 2 |
|  |  | long | | longue | | lang | larga |  | 3 |
| **26.** |  | **QN** | **MG/VG** |  | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Corolla: width** | | | |  | | --- | | **Corolle : largeur** | | | |  | | --- | | **Krone: Breite** | | |  | | --- | | **Corola: anchura** | |  |  |
|  |  | very narrow | | très étroite | | sehr schmal | muy estrecha | Slingpink | 1 |
|  |  | very narrow to narrow | | très étroite à étroite | | sehr schmal bis schmal | muy estrecha a estrecha |  | 2 |
|  |  | narrow | | étroite | | schmal | estrecha | Victoria | 3 |
|  |  | narrow to medium | | étroite à moyenne | | schmal bis mittel | estrecha a media |  | 4 |
|  |  | medium | | moyenne | | mittel | media | Fiesta | 5 |
|  |  | medium to broad | | moyenne à large | | mittel bis breit | media a ancha |  | 6 |
|  |  | broad | | large | | breit | ancha | Courtadur | 7 |
|  |  | broad to very broad | | large à très large | | breit bis sehr breit | ancha muy ancha |  | 8 |
|  |  | very broad | | très large | | sehr breit | muy ancha | Conquête | 9 |
| **27.** |  | **QN** | **VG** |  | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Corolla: length in relation to width** | | | |  | | --- | | **Corolle : longueur par rapport à la largeur** | | | |  | | --- | | **Krone: Länge im Verhältnis zur Breite** | | |  | | --- | | **Corola: longitud en relación a la anchura** | |  |  |
|  |  | longer than broad | | plus longue que large | | länger als breit | más larga que ancha | TVP2 | 1 |
|  |  | as long as broad | | aussi longue que large | | so lang wie breit | tan larga como ancha | Bristol Ruby | 2 |
|  |  | broader than long | | plus large que longue | | breiter als lang | más ancha que larga | Brigela | 3 |
| **28.** | **(\*)** | **QL** | **VG** | **(+)** |  |  | | | |
|  |  | |  | | --- | | **Flower: different colored flowers on the same plant** | | | |  | | --- | | **Fleur : fleurs de couleurs différentes sur la même plante** | | | |  | | --- | | **Blüte: verschiedenfarbige Blüten an derselben Pflanze** | | |  | | --- | | **Flor: flores de diferentes colores en la misma planta** | |  |  |
|  |  | absent | | absentes | | fehlend | ausente |  | 1 |
|  |  | present | | présentes | | vorhanden | presente |  | 9 |
| **29.** | **(\*)** | **PQ** | **VG** |  | **(d), (f), (g)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of outer side** | | | |  | | --- | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : absente : Lobe de la corolle : couleur principale de la face externe** | | | |  | | --- | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: fehlend:Kronlappen: Hauptfarbe der Außenseite** | | |  | | --- | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: ausente: Lóbulo de la corola: color principal de la cara externa** | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **30.** |  | **PQ** | **VG** |  | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: secondary color of outer side** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : absente : Lobe de la corolle: couleur secondaire de la face externe**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze : fehlend: Kronelappen: Sekundärfarbe der Außenseite**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: ausente: Lóbulo de la corola;color secundario de la cara externa**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **31.** |  | **PQ** | **VG** | **(+)** | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: distribution of secondary color of outer side** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : absente : Lobe de la corolle : distribution de la couleur secondaire de la face externe**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze : fehlend: Kronlappen; Verteilung der Sekundärfarbe der Außenseite**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta : ausente: Lóbulo de la corola: distribución del color secundario de la cara externa**   |  | | --- | |  | |  |  |
|  |  | on margin only | | au bord seulement | | nur am Rand | sólo en el margen |  | 1 |
|  |  | marginal zone | | zone marginale | | Randzone | zona del borde |  | 2 |
|  |  | central zone | | zone centrale | | mittlere Zone | zona central |  | 3 |
| **32.** | **(\*)** | **PQ** | **VG** |  | **(d), (f), (g)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of inner side** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : absente : Lobe de la corolle : couleur principale de la face interne**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: fehlend: Kronlappen: Hauptfarbe der Innenseite**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: ausente: Lóbulo de la corola: color principal de la cara interna**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **33.** |  | **PQ** | **VG** |  | **(f), (g)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: secondary color of inner side** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : absente : Lobe de la corolle : couleur secondaire de la face interne**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: fehlend: Kronlappen: Sekundärfarbe der Innenseite**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta : ausente: Lóbulo de la corola: color secundario de la cara interna**   |  | | --- | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta** | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **34.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (h)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : présente : Lobe de la corolle : couleur principale de la face externe de la fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Außenseite der überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara externa de la flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **35.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (h)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : présente : Lobe de la corolle : couleur principale de la face interne de la fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Innenseite der überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara interna de la flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **36.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (i)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the second predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante: présente : Lobe de la corolle : couleur principale de la face externe de la deuxième fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Außenseite der zweiten überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara externa de la segunda flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **37.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (i)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the second predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : présente : Lobe de la corolle : couleur principale de la face interne de la deuxième fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Innenseite der zweiten überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara interna de la segunda flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **38.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (i)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the third predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : présente : Lobe de la corolle : couleur principale de la face externe de la troisième fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Außenseite der dritten überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara externa de la tercera flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **39.** | **(\*)** | **PQ** | **VG** |  | **(f), (g), (i)** |  | | | |
|  |  | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the third predominantly present flower** | | | **Seulement variétés avec Fleur : présence de fleurs de couleurs différentes sur la même plante : présente : Lobe de la corolle : couleur principale de la face interne de la troisième fleur prédominante**   |  | | --- | |  | | | **Nur Sorten mit Blüte: Vorhandensein von verschiedenfarbigen Blüten an derselben Pflanze: vorhanden: Kronlappen: Hauptfarbe der Innenseite der dritten überwiegend vorhandenen Blüte**   |  | | --- | |  | | **Solo variedades con Flor: presencia de flores de diferente colores en la misma planta: presente: Lóbulo de la corola: color principal de la cara interna de la tercera flor predominantemente presente**   |  | | --- | |  | |  |  |
|  |  | RHS Colour Chart (indicate reference number) | | Code RHS des couleurs (indiquer le numéro de référence) | | RHS-Farbkarte (Nummer angeben) | Carta de colores RHS (indíquese el número de referencia) |  |  |
| **40.** |  | **QN** | **VG** | **(+)** | **(f)** |  | | | |
|  |  | |  | | --- | | **Corolla lobe: attitude** | | | **Lobe de la corolle : port** | | **Kronlappen: Haltung**   |  | | --- | |  | | **Lóbulo de la corola: porte**   |  | | --- | |  | |  |  |
|  |  | erect | | dressé | | aufrecht | erecto | Bokrarob | 1 |
|  |  | semi erect | | demi-dressé | | halbaufrecht | semierecto | Gloire des Bosquets | 2 |
|  |  | horizontal | | horizontal | | waagerecht | horizontal | Olympiade | 3 |
| **41.** | **(\*)** | **PQ** | **VG** | **(+)** | **(f)** |  | | | |
|  |  | |  | | --- | | **Corolla throat: color of blotch** | | | **Gorge la de corolle : couleur de la tache** | | **Kronenschlund: Farbe des Flecks** | **Garganta de la corola: color de la mancha**   |  | | --- | |  | |  |  |
|  |  | none | | aucune | | keine | ninguno |  | 1 |
|  |  | yellow | | jaune | | gelb | amarillo | Courtadur | 2 |
|  |  | orange yellow | | jaune orangé | | orangegelb | amarillo anaranjado | Bokrarob | 3 |
|  |  | yellow or red | | jaune ou rouge | | gelb oder rot | amarillo o rojo | Mango | 4 |
| **42.** | **(\*)** | **QN** | **VG** | **(+)** |  |  | | | |
|  |  | |  | | --- | | **Stigma: position in relation to anthers** | | | |  | | --- | |  |   **Stigmate : position par rapport aux anthères** | | **Narbe: Stellung im Verhältnis zu den Antheren**   |  | | --- | |  | | **Estigma: posición en relación con las anteras**   |  | | --- | |  | |  |  |
|  |  | same level | | au même niveau | | auf gleicher Höhe | mismo nivel | Kolmas | 1 |
|  |  | slightly above | | légèrement au-dessus | | etwas oberhalb | ligeramente por encima | Olympiade | 2 |
|  |  | strongly above | | fortement au-dessus | | deutlich oberhalb | fuertemente por encima | Brigela, Rubidor | 3 |
| **43.** | **(\*)** | **QN** | **MG/VG** | **(+)** |  |  | | | |
|  |  | |  | | --- | | **Time of beginning of flowering** | | | |  | | --- | |  |   **Époque du début de la floraison** | | **Zeitpunkt des Blühbeginns**   |  | | --- | |  | | **Época de inicio de la floración**   |  | | --- | |  | |  |  |
|  |  | very early | | très précoce | | sehr früh | muy temprana | Canary | 1 |
|  |  | very early to early | | très précoce à précoce | | sehr früh bis früh | muy temprana a temprana |  | 2 |
|  |  | early | | |  | | --- | | précoce | | | früh | temprana | Bokraspark, Pink Princess | 3 |
|  |  | early to medium | | précoce à moyenne | | früh bis mittel | temprana a media |  | 4 |
|  |  | medium | | moyenne | | mittel | media | Abel Carrière | 5 |
|  |  | medium to late | | moyenne à tardive | | mittel bis spät | media a tardía |  | 6 |
|  |  | late | | tardive | | spät | tardía | Bokrarob | 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 | Marjorie | 9 |
| **44.** | **(\*)** | **QL** | **VG** |  |  |  | | | |
|  |  | |  | | --- | | **Second flowering** | | | **Deuxième floraison**   |  | | --- | |  | | | **Zweite Blüte**   |  | | --- | |  | | **Segunda floración**   |  | | --- | |  | |  |  |
|  |  | absent | | absente | | fehlend | ausente | Féerie | 1 |
|  |  | present | | présente | | vorhanden | presente | Slingco 4 | 9 |

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| |  |  |  |  | | --- | --- | --- | --- | | 8. | Explanations on the Table of Characteristics | | | |  | | | | | *8.1* | *Explanations covering several characteristics* | | | |  | | | | |  | |  | | --- | | Unless otherwise indicated all observations should be made when 50% of the inflorescences have open flowers | | | | |  |  |  |  | |  | Characteristics containing the following key in the Table of Characteristics should be examined as indicated below: | | | |  | | | | | |  | | --- | | (a) | | |  | | --- | | Observation should be made just before flowering. | | | | |  |  |  |  | | |  | | --- | | (b) | | |  | | --- | | Observations should be made on current year’s growth. | | | | |  |  |  |  | | |  | | --- | | (c) | | |  | | --- | | Observations should be made on fully expanded leaves. | | | | |  |  |  |  | | |  | | --- | | (d) | | |  | | --- | | The main color is the color with the largest surface area.  The secondary color is the color with the second 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.  The tertiary color is the color with the third largest surface area.  In cases where the areas of the secondary and tertiary color are too similar to reliably decide which color has the second largest area, the darker color is considered to be the secondary color. | | | | |  |  |  |  | | |  | | --- | | (e) | | |  | | --- | | Observations should be made on the upper side of the leaf blade | | | | |  |  |  |  | | |  | | --- | | (f) |   Corolla | |  | | --- | | Blotch  Lobes  Throat  Sepal | | | | |  |  |  |  | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  | | --- | | (g) | | |  | | --- | | Length  Width  Color of inner side  Color of outer side | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  | | --- | | (h) | | |  | | --- | | The predominantly present flower is the flower whose color occurs at the highest frequency on the plant. In cases where the frequency of the predominantly present flower and the second predominantly present flower are too similar to reliably decide which flower has the highest frequency on the plant, the flower with the darker color is considered to be the predominantly present flower. | | | | |  |  |  |  | | |  | | --- | | (i) | | |  | | --- | | The second predominantly present flower is the flower whose color occurs at the second highest frequency on the plant. In cases where the frequency of the second predominantly present flower and the third predominantly present flower are too similar to reliably decide which has the second highest frequency, the flower with the darker color is considered to be the second predominantly present flower. | | | | |

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| |  |  | | --- | --- | |  | | | |  | | --- | | *8.2* | | *Explanations for individual characteristics* | |  | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ad. 3: Plant: growth habit   |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | 1 | 2 | 3 | 4 | | upright | upright to spreading | spreading | drooping | | | | | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ad. 6: Shoot: shape in cross-section     |  |  |  | | --- | --- | --- | |  |  |  | | 1 | 2 | 3 | | rounded | rounded to slightly angular | angular | | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Ad. 7: Leaf blade: attitude in relation to shoot     |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | |  |  |  | | 1 | 2 | 3 | | upwards | outwards | downwards | | | | | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | 9. | Literature | | |  |  |  | | --- | | De Courtye, 1992: Le Weigela. Chapitre d'ouvrage "Amélioration des espèces végétales cultivées" par A. Gallais et H. Bannerot, Edition INRA, p. 358  Grootendorst, 1968: Weigela. DENDROFLORA, Nr. 5. Boskoop, NL, pp. 56 to 60  Hoffman M., 2007: Weigela. DENDROFLORA, Nr. 44. Boskoop, NL,  pp. 87 to 127  Available online: https://edepot.wur.nl/148427  Howard R., 1965: A check-list of Cultivar names in Weigela. Arnoldia volume 25, pp. 9 to 11  Krüssman G., 1976 - 77: Handbuch des Laubgehölze. Bd I + II, Paul Parey, Hamburg, DE | | |

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| |  |  | | --- | --- | | 10. | Technical Questionnaire | |
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| |  |  | | --- | --- | |  | Application date: (not to be filled in by the applicant) | | TECHNICAL QUESTIONNAIRE to be completed in connection with an application for plant breeders' rights | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | | 1. | Subject of the Technical Questionnaire | | | | |  |  |  |  |  | |  | |  | | --- | | 1.1 | | Botanical name | |  | | --- | | *Weigela* Thunb. | | |  | | --- | |  | | |  |  |  |  |  | |  | |  | | --- | | 1.2 | | Common name | |  | | --- | | Weigela | |  | |  |  |  | |  | | --- | |  | |  | |  | |  | | --- | | 1.3 | | |  | | --- | | Species (please indicate): | |  |  | |  |  |  |  |  | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | | 2. | Applicant | | | | |  |  |  |  |  | |  | Name | |  |  | |  |  |  |  |  | |  | Address | |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  |  | |  | Telephone No. | |  |  | |  |  |  |  |  | |  | Fax No. | |  |  | |  |  |  |  |  | |  | E-mail address | |  |  | |  |  |  |  |  | |  | Breeder (if different from | |  |  | |  | applicant) | |  |  | |  |  |  |  |  | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | | 3. | Proposed denomination and breeder's reference | | | | |  |  |  |  |  | |  | Proposed denomination | |  |  | |  | (if available) | |  |  | |  |  |  |  |  | |  | Breeder's reference | |  |  | |  |  |  |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 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) | | [ ] | |  |  | | |  |  | | | |  | | --- | | 4.1.3 | | |  | | --- | | Discovery and development  (please state where and when discovered and how developed) | | [ ] | |  |  | | |  |  | | | |  | | --- | | 4.1.4 | | Other (Please provide details) | [ ] | |  |  | | |  |  | | | | | | |

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| |  |  |  | | --- | --- | --- | |  |  |  | |  | 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 | | Other (Please provide details) | [ ] | |  |  |  | |  |  |  | |  |  |  | | | |  | |  |  | | --- | --- | | |  | | --- | |  | | | | |

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

|  | Characteristics | Example Varieties | Note |
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| |  | | --- | | **5.1** |  |  | | --- | | **(3)** | | |  | | --- | | **Plant: growth habit** | |  |  |
|  | |  | | --- | | upright | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | upright to spreading | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | spreading | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | drooping | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.2** |  |  | | --- | | **(5)** | | |  | | --- | | **Shoot: color** | |  |  |
|  | |  | | --- | | green | | |  | | --- | | Descartes | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | red | | |  | | --- | | Courtadur | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | brownish purple | | |  | | --- | | Alexandra | | |  | | --- | | 3 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.3** |  |  | | --- | | **(16)** | | |  | | --- | | **Leaf blade: main color** | |  |  |
|  | |  | | --- | | yellow | | |  | | --- | | Newzako | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | light green | | |  | | --- | | Bokrarob | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | medium green | | |  | | --- | | Abel Carrière | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | dark green | | |  | | --- | | Bristol Ruby | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | | Alexandra | | |  | | --- | | 5 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.4** |  |  | | --- | | **(17)** | | |  | | --- | | **Leaf blade: secondary color** | |  |  |
|  | |  | | --- | | none | | |  | | --- | | Alexandra | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | white | | |  | | --- | | Kolsunn | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | yellowish white | | |  | | --- | | Verweig | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | yellow | | |  | | --- | | Brigela | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | yellow green | | |  | | --- | | Milk and Honey | | |  | | --- | | 5 [   ] | |
|  | |  | | --- | | dark green | | |  | | --- | | Olympiade | | |  | | --- | | 6 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 7 [   ] | |
|  |  |  |  |
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| |  | | --- | | **5.5** |  |  | | --- | | **(19)** | | |  | | --- | | **Leaf blade: presence of tertiary color** | |  |  |
|  | |  | | --- | | absent | | |  | | --- | | Alexandra | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | present | | |  | | --- | | Kolmagira, Verweig | | |  | | --- | | 9 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.6** |  |  | | --- | | **(24)** | | |  | | --- | | **Inflorescence: type** | |  |  |
|  | |  | | --- | | solitary flower | | |  | | --- | | Elvera | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | simple panicle | | |  | | --- | | Verweig 4 | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | compound panicle | | |  | | --- | | Courtadur | | |  | | --- | | 3 [   ] | |

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|  | Characteristics | Example Varieties | Note |
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| |  | | --- | | **5.7** |  |  | | --- | | **(28)** | | |  | | --- | | **Flower: different colored flowers on the same plant** | |  |  |
|  | |  | | --- | | absent | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | present | | |  | | --- | |  | | |  | | --- | | 9 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.8(i)** |  |  | | --- | | **(29)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of outer side** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.8(ii)** |  |  | | --- | | **(29)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of outer side** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | yellow | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
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|  |  |  |  |
| |  | | --- | | **5.9(i)** |  |  | | --- | | **(32)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of inner side** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.9(ii)** |  |  | | --- | | **(32)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: absent: Corolla lobe: main color of inner side** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | yellow | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
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|  |  |  |  |
| |  | | --- | | **5.10(i)** |  |  | | --- | | **(34)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.10(ii)** |  |  | | --- | | **(34)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |

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

|  | Characteristics | Example Varieties | Note |
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| |  | | --- | | **5.11(i)** |  |  | | --- | | **(35)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.11(ii)** |  |  | | --- | | **(35)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
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|  |  |  |  |
| |  | | --- | | **5.12(i)** |  |  | | --- | | **(36)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the second predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.12(ii)** |  |  | | --- | | **(36)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the second predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
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| |  | | --- | | **5.13(i)** |  |  | | --- | | **(37)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the second predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.13(ii)** |  |  | | --- | | **(37)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the second predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |

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

|  | Characteristics | Example Varieties | Note |
| --- | --- | --- | --- |
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| |  | | --- | | **5.14(i)** |  |  | | --- | | **(38)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the third predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.14(ii)** |  |  | | --- | | **(38)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of outer side of the third predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.15(i)** |  |  | | --- | | **(39)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the third predominantly present flower** | |  |  |
|  | |  | | --- | | RHS Colour Chart (indicate reference number) | | |  | | --- | |  | |  |
|  |  |  |  |
| |  | | --- | | **5.15(ii)** |  |  | | --- | | **(39)** | | |  | | --- | | **Only varieties with Flower: presence of different colored flowers on the same plant: present: Corolla lobe: main color of inner side of the third predominantly present flower** | |  |  |
|  | |  | | --- | | white | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | pink | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | red | | |  | | --- | |  | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | purple | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.16** |  |  | | --- | | **(41)** | | |  | | --- | | **Corolla throat: color of blotch** | |  |  |
|  | |  | | --- | | none | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | yellow | | |  | | --- | | Courtadur | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | orange yellow | | |  | | --- | | Bokrarob | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | yellow or red | | |  | | --- | | Mango | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | other (please specify) | | |  | | --- | |  | | |  | | --- | | 5 [   ] | |
|  |  |  |  |
|  |  |  |  |
| |  | | --- | | **5.17** |  |  | | --- | | **(43)** | | |  | | --- | | **Time of beginning of flowering** | |  |  |
|  | |  | | --- | | very early | | |  | | --- | | Canary | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | very early to early | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | early | | |  | | --- | | Bokraspark, Pink Princess | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | early to medium | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | medium | | |  | | --- | | Abel Carrière | | |  | | --- | | 5 [   ] | |
|  | |  | | --- | | medium to late | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
|  | |  | | --- | | late | | |  | | --- | | Bokrarob | | |  | | --- | | 7 [   ] | |
|  | |  | | --- | | late to very late | | |  | | --- | |  | | |  | | --- | | 8 [   ] | |
|  | |  | | --- | | very late | | |  | | --- | | Marjorie | | |  | | --- | | 9 [   ] | |

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| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | |
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| |  |  | | --- | --- | | 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 **similar** variety(ies) | | |  | | --- | | Describe the expression of the characteristic(s) for **your** candidate variety | | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | *Example* | |  | | --- | | *Leaf blade: main color* | | |  | | --- | | *yellow* | | |  | | --- | | *dark green* | | |  |  |  |  | |  |  |  |  | |  |  |  |  | | | |  | Comments: | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  | | --- | | #7. | | Additional information which may help in the examination of the variety | | | | |  |  |  | | | | 7.1 | In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety? | | | | |  | Yes | [ ] | No | [ ] | |  | (If yes, please 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.] | | | | | |  |  |  |  |  | |

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 8. | Authorization for release | | | | | |  | (a) | Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health? | | | | |  |  | Yes | [ ] | No | [ ] | |  | (b) | Has such authorization been obtained? | | | | |  |  | Yes | [ ] | No | [ ] | |  | If the answer to (b) is yes, please attach a copy of the authorization. | | | | | |  |  |  |  |  |  | |
| |  |  | | --- | --- | | |  | | --- | | 9. Information on plant material to be examined or submitted for examination | | |  | | 9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc. | |  | | |  | | --- | | 9.2 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to: | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | (a) | Microorganisms (e.g. virus, bacteria, phytoplasma) | Yes [ ] | No [ ] |  | |  | (b) | Chemical treatment (e.g. growth retardant, pesticide) | Yes [ ] | No [ ] |  | |  | (c) | Tissue culture | Yes [ ] | No [ ] |  | |  | (d) | Other factors | Yes [ ] | No [ ] |  | |  | Please provide details for where you have indicated “yes”. | | | |  | |  |  | | | |  | | |  | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 10. | I hereby declare that, to the best of my knowledge, the information provided in this form is correct: | | | | | |  |  |  |  |  |  | |  |  |  | | |  | |  | Applicant’s name |  | |  |  |  |  |  |  | |  | Signature |  | Date |  |  | |  |  |  | |  |  | |  |  |  |  |  |  | |
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