Mokara

GUIDELINES

FOR THE CONDUCT OF TESTS

FOR DISTINCTNESS, UNIFORMITY AND STABILITY

Alternative Names: *

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<th>Botanical name</th>
<th>English</th>
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<th>German</th>
<th>Spanish</th>
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<td>Mokara Please note the below combinations for Mokara genus:</td>
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<td>• Arachnis x Ascocentrum x Vanda</td>
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<td>• Ascocenda (Ascocentrum x Vanda) x Arachnis</td>
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<td>• Aranda (Arachnis x Vanda) x Ascocentrum</td>
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<td>• Ascocenda x Ascorachnis</td>
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<td>• Aranda x Ascocentrum</td>
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<td>• Mokara x Arachnis</td>
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<td>• Mokara x Ascocentrum</td>
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<td>• Selfing or sibing of Mokara</td>
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The purpose of these guidelines (“Test Guidelines”) is to elaborate the principles contained in the General Introduction (document TG/1/3), and its associated TGP documents, into detailed practical guidance for the harmonized examination of distinctness, uniformity and stability (DUS) and, in particular, to identify appropriate characteristics for the examination of DUS and production of harmonized variety descriptions.

ASSOCIATED DOCUMENTS

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

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

These Test Guidelines apply to all varieties of artificial hybrid genus *Mokara*, of the family *Orchidaceae*. The genus *Mokara* is a manmade genus that consists of 3 natural genus combinations of (*Arachnis* x *Ascocentrum* x *Vanda*) in the parental background. *Mokara* can also have the combination make-up of following genera:

- Ascocenda (*Ascocentrum* x *Vanda*) x *Arachnis*
- Aranda (*Arachnis* x *Vanda*) x *Ascocentrum*
- Ascorachnis (*Ascocentrum* x *Arachnis*) x *Vanda*
- Ascocenda x Aranda
- Ascocenda x Ascorachnis
- Aranda x Ascorachnis
- Mokara x Arachnis
- Mokara x Ascocentrum
- Mokara x Vanda
- Mokara x Ascocenda
- Mokara x Aranda
- Mokara x Ascorachnis

Progeny resulting in the selfing or sibing of *Mokara* also applies to this test guideline. Selfings refers to a population resulting from the self pollination of the *Mokara* flowers of the same plant, while Siblings refers to a population resulting from the cross pollination of 2 different *Mokara* flowers of different or the same varieties.

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 matured plants that have not flowered before with an emerging spike.

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

    10 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.

3. **Method of Examination**

3.1 **Number of Growing Cycles**

The minimum duration of tests should normally be one single flowering period from emerging spike to the last opened flower.

3.2 **Testing Place**

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

3.3 **Conditions for Conducting the Examination**

3.3.1 The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.

3.3.2 The optimum stage of development for the assessment of each characteristic is indicated by a number in the second column of the Table of Characteristics. The stages of development denoted by each number are described at the end of Chapter 8.

3.3.3 Because daylight varies, colour determinations made against a colour 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 colour chart and version used should be specified in the variety descriptions.

3.4 **Test Design**

3.4.1 Each test should be designed to result in a total of at least 10 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 **Number of Plants / Parts of Plants to be Examined**

Unless otherwise indicated, all observations should be made on 10 plants or parts taken from each of 10 plants excluding off type.

3.6 **Additional Tests**

Additional tests, for examining relevant characteristics, may be established.
4. Assessment of Distinctness, Uniformity and Stability

4.1 Distinctness

4.1.1 General Recommendations

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

4.1.2 Consistent Differences

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

4.1.3 Clear Differences

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

4.1.4 Method of Observation

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

- MG: single measurement of a group of plants or parts of plants
- MS: measurement of a number of individual plants or parts of plants
- VG: visual assessment by a single observation of a group of plants or parts of plants
- VS: visual assessment by observation of individual plants or parts of plants

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

“Visual” observation (V) is an observation made on the basis of the expert’s judgment. For the purposes of this document, “visual” observation refers to the sensory observations of the experts and, therefore, also includes smell, taste and touch. Visual observation includes observations where the expert uses reference points (e.g. diagrams, example varieties, side-by-side comparison) or non-linear charts (e.g. colour 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 For the assessment of uniformity, a population standard of 1% with 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.

4.3 Stability

4.3.1 In practice, it is not usual to perform tests of stability that produce results as certain as those of the testing of distinctness and uniformity. However, experience has demonstrated that, for many types of variety, when a variety has been shown to be uniform, it can also be considered to be stable.

4.3.2 Where appropriate, or in cases of doubt, stability may be tested, either by growing a further generation, or by testing a new plant stock to ensure that it exhibits the same characteristics as those shown by the previous 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: width (characteristic 1)
b) Leaf: attitude (characteristic 2)
c) Inflorescence: number of flowers (characteristic 8)
d) Flower: length (characteristic 11)
e) Flower: width (characteristic 12)
f) Dorsal sepal: ground colour (characteristic 20)
g) Lateral sepal: ground colour (characteristic 31)
h) Petal: ground colour (characteristic 42)
i) Lip: apical lobe: divided apex (characteristic 50)
j) Lip: apical lobe: wing on side (characteristic 51)
k) Lip: apical lobe: ground colour of apex (characteristic 52)

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

6. Introduction to the Table of Characteristics

6.1 Categories of Characteristics

6.1.1 Standard Test Guidelines Characteristics

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

6.1.2 Asterisked Characteristics

Asterisked characteristics (denoted by *) are those included in the Test Guidelines which are important for the international harmonization of variety descriptions and should always be examined for DUS and included in the variety description by all members of the Union, except when the state of expression of a preceding characteristic or regional environmental conditions render this inappropriate.

6.2 States of Expression and Corresponding Notes

States of expression are given for each characteristic to define the characteristic and to harmonize descriptions. Each state of expression is allocated a corresponding numerical note for ease of recording of data and for the production and exchange of the description.

6.3 Types of Expression

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

6.4 Example Varieties

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

GREX INFORMATION: For example, in the case of Mokara Chark Kuan ‘Orange’, the generic name is Mokara, the grex epithet is Chark Kuan, and the cultivar epithet is ‘Orange’. The grex epithet can be the name of a person; many orchids are named after the breeder, or
other prominent people. Such a cultivar is the individual plant and all its vegetatively propagated progeny that are identical to it.

6.5 Legend

(*) Asterisked characteristic – see Chapter 6.1.2

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

(a)-(j) See Explanations on the Table of Characteristics in Chapter 8.1
(+): See Explanations on the Table of Characteristics in Chapter 8.2
### Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres

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<td><strong>Pflanze</strong> : Breite</td>
<td><strong>Planta</strong> : anchura</td>
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6. **VG**

MG **Inflorescence: length (including peduncle)**

Inflorescence : longueur de la partie en floraison

Blütenstand: Länge des blühenden Teils

Inflorescencia: longitud de la parte florecida

QN  *(b)* short  courte  kurz  corta  ‘Lion’s Gold’  3

medium  moyenne  mittel  media  ‘Chao Praya Gold’  5

long  longue  lang  larga  ‘Dear Heart’  7

7. **VG**

MG **Inflorescence: length of peduncle**

Pédoncule : longueur

Blütenstandsstiel: Länge

Pedúnculo: longitud

QN  *(b)* short  court  kurz  corto  ‘Singa Gold’  3

medium  moyen  mittel  medio  ‘Chao Praya Gold’  5

long  long  lang  largo  ‘Dear Heart’  7

8. **VG**

MG **Inflorescence: number of flowers**

Inflorescence : nombre de fleurs

Blütenstand: Anzahl Blüten

Inflorescencia: número de flores

QN  *(b)* few  faible  gering  bajo  ‘Lion’s Gold’  3

medium  moyen  mittel  medio  ‘Singa Gold’  5

many  élevé  groß  alto  ‘Dear Heart’  7

9. **VG**

MG **Inflorescence: branching**

Inflorescence : ramifications

Blütenstand: Verzweigung

Inflorescencia: ramificación

QL  *(b)* Absent  absente  fehlend  ausente  ‘Singa Gold’  1

Present  présente  vorhanden  presente  ‘Dear Heart’  9

10. **VG**

MG **Flower: length of pedicel**

Pédicelle : longueur

Blütenstiel: Länge

Pedicelo: longitud

QN  *(b)* short  court  kurz  corto  ‘Chao Praya Gold’  3

(c) medium  moyen  mittel  medio  ‘Dinah Shore’  5

long  long  lang  largo  Chark Kuan ‘Pink’  7

11. **VG**

MG **Flower: length**

Fleur : longueur

Blüte: Länge

Flor: longitud

QN  *(b)* short  courte  kurz  corta  ‘Chao Praya Gold’  3
<table>
<thead>
<tr>
<th>English</th>
<th>français</th>
<th>deutsch</th>
<th>español</th>
<th>Example Varieties/ Exemples/ Beispielsorten/ Variedades ejemplo</th>
<th>Note/ Nota</th>
</tr>
</thead>
<tbody>
<tr>
<td>(c) medium</td>
<td>moyenne</td>
<td>mittel</td>
<td>media</td>
<td>‘Five Friendships Gold’</td>
<td>5</td>
</tr>
<tr>
<td>long</td>
<td>longue</td>
<td>lang</td>
<td>larga</td>
<td>Chark Kuan ‘Pink’</td>
<td>7</td>
</tr>
</tbody>
</table>

12. VG Flower: width

<table>
<thead>
<tr>
<th>QN</th>
<th>MG</th>
<th>Fleur : largeur</th>
<th>Blüte: Breite</th>
<th>Flor: anchura</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) narrow</td>
<td>étroite</td>
<td>schmal</td>
<td>estrecha</td>
<td>‘Chao Praya Gold’</td>
</tr>
<tr>
<td>(c) medium</td>
<td>moyenne</td>
<td>mittel</td>
<td>media</td>
<td>‘Five Friendships Gold’</td>
</tr>
<tr>
<td>broad</td>
<td>Large</td>
<td>breit</td>
<td>ancha</td>
<td>Chark Kuan ‘Pink’</td>
</tr>
</tbody>
</table>

13. VG Flower: separation of sepals and petals

<table>
<thead>
<tr>
<th>QN</th>
<th>MG</th>
<th>séparés</th>
<th>gescheiden</th>
<th>apartado</th>
<th>Chark Kuan ‘Pink’</th>
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</tr>
</thead>
<tbody>
<tr>
<td>(b) separated</td>
<td></td>
<td></td>
<td></td>
<td>‘Chao Praya Gold’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(c) touching</td>
<td>émouvant</td>
<td>aandoenlijk</td>
<td>conmovedor</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>overlapping</td>
<td>chevauchement</td>
<td>overlappende</td>
<td>superposición</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14. VG Flower: fragrance

<table>
<thead>
<tr>
<th>QL</th>
<th>Fleur : parfum</th>
<th>Blüte: Duft</th>
<th>Flor: fragancia</th>
</tr>
</thead>
<tbody>
<tr>
<td>(f) absent</td>
<td>absent</td>
<td>fehlend</td>
<td>ausente</td>
</tr>
<tr>
<td>present</td>
<td>présent</td>
<td>vorhanden</td>
<td>presente</td>
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</table>

15. VG Dorsal sepal: curvature in longitudinal axis

<table>
<thead>
<tr>
<th>QN</th>
<th>Sépale dorsal : courbure de l’axe longitudinal</th>
<th>Dorsales Kelchblatt: Biegung in der Längsachse</th>
<th>Sépalo dorsal: curvatura en el eje longitudinal</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
<td>fuertemente cóncavo</td>
</tr>
<tr>
<td>(c) weakly concave</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
<td>débilmente cóncavo</td>
</tr>
<tr>
<td>straight</td>
<td>droit</td>
<td>gerade</td>
<td>recto</td>
</tr>
<tr>
<td>weakly convex</td>
<td>faiblement convexe</td>
<td>schwach konvex</td>
<td>débilmente convexo</td>
</tr>
<tr>
<td>strongly convex</td>
<td>fortement convexe</td>
<td>stark konvex</td>
<td>fuertemente convexo</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>français</td>
<td>deutsch</td>
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<td>---</td>
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<td>QN (b)</td>
<td>strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
</tr>
<tr>
<td>QN (c)</td>
<td>weakly concave</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
</tr>
<tr>
<td>QN</td>
<td>straight</td>
<td>droit</td>
<td>gerade</td>
</tr>
<tr>
<td>QN</td>
<td>weakly convex</td>
<td>faiblement convexe</td>
<td>schwach konvex</td>
</tr>
<tr>
<td>QN</td>
<td>strongly convex</td>
<td>fortement convexe</td>
<td>stark konvex</td>
</tr>
<tr>
<td>17. VG</td>
<td>Dorsal sepal: length</td>
<td>Dorsales Kelchblatt: Länge</td>
<td>Sépale dorsal : longueur</td>
</tr>
<tr>
<td>QN (b)</td>
<td>short</td>
<td>court</td>
<td>kurz</td>
</tr>
<tr>
<td>QN (c)</td>
<td>medium</td>
<td>moyen</td>
<td>mittel</td>
</tr>
<tr>
<td>QN</td>
<td>long</td>
<td>long</td>
<td>lang</td>
</tr>
<tr>
<td>18. VG</td>
<td>Dorsal sepal: width</td>
<td>Dorsales Kelchblatt: Breite</td>
<td>Sépale dorsal : largeur</td>
</tr>
<tr>
<td>QN (b)</td>
<td>narrow</td>
<td>étroit</td>
<td>schmal</td>
</tr>
<tr>
<td>QN (c)</td>
<td>medium</td>
<td>moyen</td>
<td>mittel</td>
</tr>
<tr>
<td>QN</td>
<td>broad</td>
<td>large</td>
<td>breit</td>
</tr>
<tr>
<td>19. PQ</td>
<td>Dorsal sepal: shape</td>
<td>Dorsales Kelchblatt: Form</td>
<td>Sépale dorsal : forme</td>
</tr>
<tr>
<td>PQ (b)</td>
<td>spatulate</td>
<td>spatulé</td>
<td>spatelförmig</td>
</tr>
<tr>
<td>PQ (c)</td>
<td>elliptic</td>
<td>elliptique</td>
<td>elliptisch</td>
</tr>
<tr>
<td>PQ</td>
<td>obovate</td>
<td>obovale</td>
<td>verkehrt eiförmig</td>
</tr>
<tr>
<td>PQ</td>
<td>reniform</td>
<td>réniforme</td>
<td>nierenförmig</td>
</tr>
<tr>
<td>Example Varieties/ Exemples/ Beispießsorten/ Variedades ejemplo</td>
<td>Note/ Nota</td>
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<tr>
<td>---------------------------------------------------------------</td>
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<tr>
<td><strong>20. VG Dorsal sepal: ground colour</strong> (§) (+)</td>
<td></td>
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</tr>
<tr>
<td>(b) RHS Colour Chart (c) (d)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
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<tr>
<td><strong>21. VG Dorsal sepal: colour of streaks (if present)</strong></td>
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<tr>
<td>(b) RHS Colour Chart (c) (d)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
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<tr>
<td><strong>22. VG Dorsal sepal: colour of marginal zone (if present)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>(b) RHS Colour Chart (c) (d)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
</tr>
<tr>
<td><strong>23. VG Dorsal sepal: colour of stripes (if present)</strong></td>
<td></td>
<td></td>
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<tr>
<td>(b) RHS Colour Chart (c) (d)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
</tr>
<tr>
<td><strong>24. VG Dorsal sepal: colour of netting (if present)</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>(b) RHS Colour Chart (c) (d)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
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<td>English</td>
<td>français</td>
<td>deutsch</td>
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<td>---------</td>
</tr>
<tr>
<td>25.</td>
<td>VG Dorsal sepal: colour of spots (if present)</td>
<td>Dorsales Kelchblatt: Farbe der Flecken</td>
<td>Sépalo dorsal: tamaño de los puntos</td>
</tr>
<tr>
<td>QN (b)</td>
<td>strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
</tr>
<tr>
<td>QN (c)</td>
<td>weakly concave</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
</tr>
<tr>
<td>QN (d)</td>
<td>straight</td>
<td>droit</td>
<td>gerade</td>
</tr>
<tr>
<td>QN (e)</td>
<td>weakly convex</td>
<td>faiblement convexe</td>
<td>schwach konvex</td>
</tr>
<tr>
<td>QN (f)</td>
<td>strongly convex</td>
<td>fortement convexe</td>
<td>stark konvex</td>
</tr>
<tr>
<td>27.</td>
<td>VG Lateral sepal: curvature in cross section</td>
<td>Sépale latéral : courbure en section transversale</td>
<td>Seitliches Kelchblatt: Biegung im Längsschnitt</td>
</tr>
<tr>
<td>QN (b)</td>
<td>strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
</tr>
<tr>
<td>QN (c)</td>
<td>weakly concave</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
</tr>
<tr>
<td>QN (d)</td>
<td>straight</td>
<td>droit</td>
<td>gerade</td>
</tr>
<tr>
<td>QN (e)</td>
<td>weakly convex</td>
<td>faiblement convexe</td>
<td>schwach konvex</td>
</tr>
<tr>
<td>QN (f)</td>
<td>strongly convex</td>
<td>fortement convexe</td>
<td>stark konvex</td>
</tr>
<tr>
<td>28.</td>
<td>MG Lateral sepal: length</td>
<td>Sépale latéral : longueur</td>
<td>Seitliches Kelchblatt: Länge</td>
</tr>
<tr>
<td>QN (b)</td>
<td>short</td>
<td>court</td>
<td>kurz</td>
</tr>
<tr>
<td>QN (c)</td>
<td>medium</td>
<td>moyen</td>
<td>mittel</td>
</tr>
<tr>
<td>QN (d)</td>
<td>long</td>
<td>long</td>
<td>lang</td>
</tr>
<tr>
<td>Example Varieties/ Exemples/ Beispießsorten/ Variedades ejemplo</td>
<td>Note/ Nota</td>
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<td>---</td>
<td>---</td>
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<td></td>
</tr>
<tr>
<td>29.</td>
<td>(*)</td>
<td>(+)</td>
<td></td>
</tr>
<tr>
<td>VG Lateral sepal:</td>
<td>Sépale latéral:</td>
<td>Seiltiches</td>
<td>Sépalo lateral:</td>
</tr>
<tr>
<td>MG width</td>
<td>largeur</td>
<td>Kelchblatt: Breite</td>
<td>anchura</td>
</tr>
<tr>
<td>QN</td>
<td>étroit</td>
<td>schmal</td>
<td>estrecho</td>
</tr>
<tr>
<td>(b) narrow</td>
<td>(c) medium</td>
<td></td>
<td>moyen</td>
</tr>
<tr>
<td></td>
<td>large</td>
<td></td>
<td>bréit</td>
</tr>
<tr>
<td>broad</td>
<td></td>
<td></td>
<td>ancho</td>
</tr>
</tbody>
</table>

| 30. | (*) | (+) |
| VG Lateral sepal: | Sépale latéral: | Seiltiches | Sépalo lateral: |
| MG shape | forme | Kelchblatt: Form | forma |
| PQ | spatulate | spatulé | spatelförmig | espatalado |
| (b) | elliptic | elliptique | elliptisch | eliptico |
| (c) | obovate | obovale | verkehrt eiförmig | oboval |
| reniform | réniforme | nierenförmig | reniforme | ‘Five Friendships Gold’ |

| 31. | (*) | (+) |
| VG Lateral sepal: | Sépale latéral: | Seiltiches | Sépalo lateral: |
| ground colour | teinte de fond | Kelchblatt: | color de fondo |
| PQ | RHS Colour Chart | Code RHS des | RHS-Farbkarte | Carta de colores |
| (b) | (c) | couleurs (indiquer | (Nummer angeben) | RHS (indicar |
| (d) | | le numéro de | | número de |
| | | référence) | | referencia) |

| 32. | (*) | (+) |
| VG Lateral sepal: | Sépale latéral: | Seiltiches | Sépalo lateral: |
| colour of streaks | couleur de l’ombre | Kelchblatt: | color del sombreado |
| (if present) | | Farbe der Schattierung | |
| PQ | RHS Colour Chart | Code RHS des | RHS-Farbkarte | Carta de colores |
| (b) | (c) | couleurs (indiquer | (Nummer angeben) | RHS (indicar |
| (d) | | le numéro de | | número de |
| | | référence) | | referencia) |

<p>| 33. | (+) |
| VG Lateral sepal: | Sépale latéral: | Seiltiches | Sépalo lateral: |
| colour of marginal | couleur du bord | Kelchblatt: | color del borde |
| zone (if present) | | Farbe des Randes | |
| PQ | RHS Colour Chart | Code RHS des | RHS-Farbkarte | Carta de colores |
| (b) | (c) | couleurs (indiquer | (Nummer angeben) | RHS (indicar |
| (d) | | le numéro de | | número de |
| | | référence) | | referencia) |</p>
<table>
<thead>
<tr>
<th>Example Varieties/</th>
<th>Note/</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemples/</td>
<td>Nota</td>
</tr>
<tr>
<td>Beispielssorten/</td>
<td></td>
</tr>
<tr>
<td>Variedades ejemplo</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>34. VG Lateral sepal: colour of stripes (if present)</th>
<th>Sépale latéral : couleur des stries</th>
<th>Seitliches Kelchblatt: Farbe der Streifen</th>
<th>Sépalo lateral: color de las franjas</th>
</tr>
</thead>
<tbody>
<tr>
<td>PQ (b) (c) (d) RHS Colour Chart (indicate reference number)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>35. VG Lateral sepal: colour of netting (if present)</th>
<th>Sépale latéral : couleur de la réticulation</th>
<th>Seitliches Kelchblatt: Farbe des Netzes</th>
<th>Sépalo lateral: color de retícula</th>
</tr>
</thead>
<tbody>
<tr>
<td>PQ (b) (c) (d) RHS Colour Chart (indicate reference number)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>36. VG Lateral sepal: colour of spots (if present)</th>
<th>Sépale latéral : couleur des taches</th>
<th>Seitliches Kelchblatt: Farbe der Flecken</th>
<th>Sépalo lateral: color de los puntos</th>
</tr>
</thead>
<tbody>
<tr>
<td>PQ (b) (c) (d) RHS Colour Chart (indicate reference number)</td>
<td>Code RHS des couleurs (indiquer le numéro de référence)</td>
<td>RHS-Farbkarte (Nummer angeben)</td>
<td>Carta de colores RHS (indicar número de referencia)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>37. VG Petal: curvature in longitudinal axis</th>
<th>Pétale : courbure de l’axe longitudinal</th>
<th>Blütenblatt: Biegung in der Längsachse</th>
<th>Pétalo: curvatura en el eje longitudinal</th>
</tr>
</thead>
<tbody>
<tr>
<td>(*+) QN (b) strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
<td>fuertemente cóncavo</td>
</tr>
<tr>
<td>(c) weakly concave straight weakly convex strongly convex</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
<td>débilmente cóncavo</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>‘Sunkist’</td>
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<table>
<thead>
<tr>
<th>38. VG Petal: curvature in cross section</th>
<th>Pétale : courbure en section transversale</th>
<th>Blütenblatt: Biegung im Querschnitt</th>
<th>Pétalo: curvatura en sección transversal</th>
</tr>
</thead>
<tbody>
<tr>
<td>(*+) QN (b) strongly concave</td>
<td>fortement concave</td>
<td>stark konkav</td>
<td>fuertemente cóncavo</td>
</tr>
<tr>
<td>(c) weakly concave straight</td>
<td>faiblement concave</td>
<td>schwach konkav</td>
<td>débilmente cóncavo</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>recto</td>
</tr>
<tr>
<td>Example Varieties/</td>
<td>Note/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
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</tr>
<tr>
<td>Exemples/</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beispielsorten/</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Variedades ejemplo</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Weakly convex     | faiblement convexe | schwach konvex | débilmente convexo | ‘Dinah Shore’ | 7 |
| Strongly convex   | fortement convexe  | stark konvex   | fuertemente convexo|              | 9 |

<table>
<thead>
<tr>
<th>39. VG Petal: length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pétale : longueur</td>
</tr>
<tr>
<td>Blütenblatt: Länge</td>
</tr>
<tr>
<td>Pétalo: longitud</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><em>(</em>)</th>
<th>MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>QN</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>short</td>
</tr>
<tr>
<td>(c)</td>
<td>medium</td>
</tr>
<tr>
<td>long</td>
<td>long</td>
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<table>
<thead>
<tr>
<th>40. VG Petal: width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pétale : largeur</td>
</tr>
<tr>
<td>Blütenblatt: Breite</td>
</tr>
<tr>
<td>Pétalo: anchura</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><em>(</em>)</th>
<th>MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>QN</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>narrow</td>
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<td>broad</td>
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<table>
<thead>
<tr>
<th>41. VG Petal: shape</th>
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<tbody>
<tr>
<td>Pétale : forme</td>
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<tr>
<td>Blütenblatt: Form</td>
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<td>Pétalo: forma</td>
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<tr>
<th>42. VG Petal: ground colour</th>
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<tbody>
<tr>
<td>Pétale : teinte de fond</td>
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<tr>
<td>Blütenblatt: grondkleur</td>
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<td>Pétalo: color de fond</td>
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<tr>
<td>(b)</td>
<td>RHS Colour Chart</td>
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<tr>
<td>(c)</td>
<td></td>
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<tr>
<td>(d)</td>
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<tr>
<td>English</td>
<td>français</td>
</tr>
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<td>43. VG Petal: colour of streaks (if present)</td>
<td>Pétale : couleur de l'ombre</td>
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<td>44. (+) VG Petal: colour of marginal zone (if present)</td>
<td>Pétale : couleur du bord</td>
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<td>(b) RHS Colour Chart (indicate reference number)</td>
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<td>45. VG Petal: colour of stripes (if present)</td>
<td>Pétale : couleur des stries</td>
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<td>(b) RHS Colour Chart (indicate reference number)</td>
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<td>46. VG Petal: colour of netting (if present)</td>
<td>Pétale : couleur de la réticulation</td>
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<td>(b) RHS Colour Chart (indicate reference number)</td>
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<td>47. VG Petal: colour of spots (if present)</td>
<td>Pétale : couleur des taches</td>
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<td>(b) RHS Colour Chart (indicate reference number)</td>
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<td>(b) short</td>
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<tr>
<td></td>
<td>(c) medium</td>
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<tr>
<td></td>
<td>long</td>
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<tr>
<td></td>
<td>English</td>
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<td><strong>49.</strong></td>
<td>VG Lip: width of apical lobe</td>
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<td>(+) QN</td>
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<tr>
<td></td>
<td>broad</td>
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<td></td>
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<tr>
<td></td>
<td>(+) QL</td>
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<tr>
<td></td>
<td>(b)</td>
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<td>(+) QL</td>
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<td></td>
<td>(b)</td>
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<td></td>
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</tr>
<tr>
<td><strong>52.</strong></td>
<td>VG Lip: apical lobe: ground colour of apex</td>
</tr>
<tr>
<td></td>
<td>(+) PQ</td>
</tr>
<tr>
<td></td>
<td>(b)</td>
</tr>
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<td></td>
<td>(c)</td>
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<td></td>
<td>(d)</td>
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<tr>
<td></td>
<td>yellow</td>
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<tr>
<td></td>
<td>English</td>
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<tr>
<td>---</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>ground colour of inner side</td>
</tr>
<tr>
<td>PQ</td>
<td>RHS Colour Chart</td>
</tr>
<tr>
<td>(b)</td>
<td>(c)</td>
</tr>
<tr>
<td></td>
<td>colour of marginal zone of inner side (if different from ground colour)</td>
</tr>
<tr>
<td>PQ</td>
<td>RHS Colour Chart</td>
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<td>(b)</td>
<td>(c)</td>
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<td>colour of stripes (if present)</td>
</tr>
<tr>
<td>PQ</td>
<td>RHS Colour Chart</td>
</tr>
<tr>
<td>(b)</td>
<td>(c)</td>
</tr>
<tr>
<td></td>
<td>colour of spots (if present)</td>
</tr>
<tr>
<td>PQ</td>
<td>brown</td>
</tr>
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<td>(c)</td>
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<tr>
<td>(d)</td>
<td>red</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
</tr>
<tr>
<td>58.</td>
<td>VG Column:</td>
</tr>
<tr>
<td></td>
<td>colour on upper side</td>
</tr>
<tr>
<td>PQ</td>
<td>RHS Colour Chart</td>
</tr>
<tr>
<td>(b)</td>
<td>(c)</td>
</tr>
<tr>
<td>59.</td>
<td>VG Pollinia cap:</td>
</tr>
<tr>
<td></td>
<td>colour of eyes</td>
</tr>
<tr>
<td></td>
<td>English</td>
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<td>---</td>
<td>---------</td>
</tr>
<tr>
<td>PQ (b)</td>
<td>brown</td>
</tr>
<tr>
<td>(c)</td>
<td>off-white</td>
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<tr>
<td>(e)</td>
<td>yellow</td>
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</tbody>
</table>
8. Explanations on the Table of Characteristics

8.1 Explanations covering several characteristics

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

(a) Observations on the leaf should be made on the 6th or 7th leaf from the top of a flowering plant. **Width of the leaf is observed by opening and flattening the folded leaf.** Length of the leaf is to be measured with a flexible tape following the natural curvature of the leaf.

(b) Observations on the inflorescence should be made at when 70% of the flowers on the inflorescence have opened. Length of the inflorescence is to be measured by a flexible tape to follow the natural curvature from the base of the peduncle to the tip before the last immature bud. Total numbers of flowers should also include the buds.

(c) Observations on the shape, length, width and colour of the flower and parts of the flower should be made on the 2nd or 3rd flower from the base, on the unextended organ. Unextended organ refers to the natural spread without flattening or extending the floral parts.

(d) Observations on the colour of the sepals, the petals and the lip should be made on the front side of flower. **Ground colour refers to the lightest colour. Marginal zone refers to the shading area along the margins.**

(e) **Observation on the colour of eyes should be made on an undisturbed and intact pollinia cap.**

(f) Observation for flower fragrance should be done outdoor before noon on a warm day.
8.2 Explanations for individual characteristics

Ad. 1: Plant: width

Ad. 2: Leaf: attitude
Ad. 3: Leaf: length

(All observations on the leaf should be made on the 6th or 7th leaf from the top)

Ad. 4: Leaf: width

<table>
<thead>
<tr>
<th>3</th>
<th>5</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf: width (short)</td>
<td>Leaf: width (medium)</td>
<td>Leaf: width (long)</td>
</tr>
</tbody>
</table>

Ad. 5: Leaf: folding

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
</table>
| Leaf: folding (weak)  
> 90° | Leaf: folding (medium)  
45° - 90° | Leaf: folding (strong)  
0° - 45° |

Folding of the leaf is observed at the mid-point of the leaf length.
**Ad. 6:** Inflorescence: length (including peduncle)

**Ad. 7:** Inflorescence: length of peduncle

Length of inflorescence (measured by a flexible tape to follow the natural curvature from the base of the peduncle to the tip before the last immature bud)

**Ad. 10:** Flower: length of pedicel

Pedicel length
Ad. 11: Flower: length
Ad. 12: Flower: width
Ad. 20: Dorsal sepal: ground colour
Ad. 22: Dorsal sepal: colour of marginal zone
Ad. 31: Lateral sepal: ground colour
Ad. 33: Lateral sepal: colour of marginal zone
Ad. 42: Petal: ground colour
Ad. 44: Petal: colour of marginal zone

Ad. 13: Flower: separation of sepals and petals

1 separated
2 touching
3 overlapping
Ad. 15: Dorsal sepal: curvature in longitudinal axis
Ad. 26: Lateral sepal: curvature in longitudinal axis
Ad. 37: Petal: curvature in longitudinal axis

(to be observed by holding the dorsal sepal into a vertical position and view from the side – this case is straight)

(to be observed by holding the lateral sepal into a vertical position and view from the side – this case is weakly concave)

(to be observed by pulling back the lateral sepals, turn the petal into a vertical position and view from the side – this case is weakly concave)
Ad. 16: Dorsal sepal: curvature in cross section

Ad. 27: Lateral sepal: curvature in cross section

Ad. 38: Petal: curvature in cross section

To be observed by the following steps:

a) detach the dorsal sepal
b) use a razor blade to cut it across at the middle portion
c) with the front of the dorsal sepal facing you and view from the top of cross section – this case is weakly convex
Ad. 27: Lateral sepal: curvature in cross section

To be observed by the following steps:

a) detach the lateral sepal
b) use a razor blade to cut it across at the middle portion
c) with the front of the lateral sepal facing you and view from the top of cross section – this case is weakly convex

Ad. 38: Petal: curvature in cross section

To be observed by the following steps:

a) detach the petal
b) use a razor blade to cut it across at the middle portion
c) with the front of the petal facing you and view from the top of cross section – this case is weakly convex
Ad. 17: Dorsal sepal: length
Ad. 18: Dorsal sepal: width
Ad. 28: Lateral sepal: length
Ad. 29: Lateral sepal: width
Ad. 39: Petal: length
Ad. 40: Petal: width

Ad. 19: Dorsal sepal: shape
Ad. 30: Lateral sepal: shape
Ad. 41: Petal: shape

1 spatulate
2 elliptic
3 obovate
4 reniform
Ad. 48: Lip: length of apical lobe
Ad. 49: Lip: width of apical lobe
Ad. 50: Lip: apical lobe: divided apex
Ad. 52: Lip: apical lobe: ground colour of apex
Ad. 54: Lip: lateral lobe: ground colour of inner side
Ad. 59: Pollinia cap: colour of eyes
Ad. 51: Lip: apical lobe: wing on side

Ad. 53: Lip: apical lobe: colour of keel
Ad. 58: Column: colour on upper side

9. Literature


10. Technical Questionnaire

<table>
<thead>
<tr>
<th>TECHNICAL QUESTIONNAIRE</th>
<th>Page {x} of {y}</th>
<th>Reference Number:</th>
</tr>
</thead>
</table>

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  
*Mokara*

1.2 Common name  
*Mokara*

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
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 varieties) [ ]
(b) partially known cross
   (please state known parent variety(ies)) [ ]
(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) [ ]

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 Seed [ ]

4.2.3 Other
(please provide details) [ ]

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

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Example Varieties</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5.1 Plant: width</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>narrow</td>
<td>‘Chao Praya Gold’</td>
<td>3</td>
</tr>
<tr>
<td>medium</td>
<td>‘Dear Heart’</td>
<td>5</td>
</tr>
<tr>
<td>broad</td>
<td>Chark Kuan ‘Pink’</td>
<td>7</td>
</tr>
<tr>
<td><strong>5.2 Leaf: attitude</strong></td>
<td></td>
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</tr>
<tr>
<td>erect</td>
<td>‘Chao Praya Gold’</td>
<td>1</td>
</tr>
<tr>
<td>spreading</td>
<td>‘Lion’s Gold’</td>
<td>2</td>
</tr>
<tr>
<td>pendulous</td>
<td>‘Dear Heart’</td>
<td>3</td>
</tr>
<tr>
<td><strong>5.3 Inflorescence: number of flowers</strong></td>
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</tr>
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<td>few</td>
<td>‘Lion’s Gold’</td>
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<tr>
<td>medium</td>
<td>‘Singa Gold’</td>
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</tr>
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<td>many</td>
<td>‘Dear Heart’</td>
<td>7</td>
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<td>‘Five Friendships Gold’</td>
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<tr>
<td>medium</td>
<td>‘Five Friendships Gold’</td>
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<td>Chark Kuan ‘Pink’</td>
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<td>INFORMATION</td>
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<td>white 2 [ ]</td>
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<td>yellow ‘Chao Praya Gold’ 3 [ ]</td>
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<td></td>
<td>orange ‘Singa Gold’ 4 [ ]</td>
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<tr>
<td></td>
<td>red ‘Dinah Shore’ 5 [ ]</td>
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<td>5.7i</td>
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<td>green 1 [ ]</td>
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<tr>
<td></td>
<td>white 2 [ ]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>yellow ‘Chao Praya Gold’ 3 [ ]</td>
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</tr>
<tr>
<td></td>
<td>orange ‘Singa Gold’ 4 [ ]</td>
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</tr>
<tr>
<td></td>
<td>red ‘Dinah Shore’ 5 [ ]</td>
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<td>purple ‘Dear Heart’ 6 [ ]</td>
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<tr>
<td>(42)</td>
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<tr>
<td></td>
<td>white 2 [ ]</td>
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<td></td>
<td>yellow ‘Chao Praya Gold’ 3 [ ]</td>
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<td></td>
<td>orange ‘Singa Gold’ 4 [ ]</td>
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<td>Page {x} of {y}</td>
<td>Reference Number:</td>
</tr>
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<td>------------------</td>
</tr>
<tr>
<td>red</td>
<td>‘Dinah Shore’</td>
<td>5 [ ]</td>
</tr>
<tr>
<td>purple</td>
<td>‘Dear Heart’</td>
<td>6 [ ]</td>
</tr>
<tr>
<td><strong>5.9 (50)</strong></td>
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<td>Lip: apical lobe: divided apex</td>
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<td>absent</td>
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</tr>
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<td>Chark Kuan ‘Pink’</td>
<td>9 [ ]</td>
</tr>
<tr>
<td><strong>5.10 (51)</strong></td>
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<tr>
<td>Lip: apical lobe: wing on side</td>
<td></td>
<td></td>
</tr>
<tr>
<td>absent</td>
<td>Chark Kuan ‘Pink’</td>
<td>1 [ ]</td>
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<tr>
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<td>‘Tasek Gold’</td>
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</tr>
<tr>
<td><strong>5.11i (52)</strong></td>
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<td>Lip: apical lobe: ground colour of apex</td>
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<tr>
<td>RHS Colour Chart (indicate reference number)</td>
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<td></td>
</tr>
<tr>
<td><strong>5.11ii (52)</strong></td>
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<td></td>
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<tr>
<td>Lip: apical lobe: ground colour of apex</td>
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</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>white</td>
<td>2 [ ]</td>
<td></td>
</tr>
<tr>
<td>yellow</td>
<td>‘Chao Praya Gold’</td>
<td>3 [ ]</td>
</tr>
<tr>
<td>orange</td>
<td>‘Singa Gold’</td>
<td>4 [ ]</td>
</tr>
<tr>
<td>red</td>
<td>‘Dinah Shore’</td>
<td>5 [ ]</td>
</tr>
<tr>
<td>purple</td>
<td>Chark Kuan ‘Pink’</td>
<td>6 [ ]</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Denomination(s) of variety(ies) similar to your candidate variety</th>
<th>Characteristic(s) in which your candidate variety differs from the similar variety(ies)</th>
<th>Describe the expression of the characteristic(s) for the similar variety(ies)</th>
<th>Describe the expression of the characteristic(s) for your candidate variety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>petal: main color</td>
<td>orange</td>
<td>orange red</td>
</tr>
</tbody>
</table>

Comments:
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 colour photograph of the variety should accompany the Technical Questionnaire.

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.

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

……………………………………………………………

9.3 Has the plant material to be examined been tested for the presence of virus or other pathogens?

Yes [ ]

(please provide details as specified by the Authority)

No [ ]

10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:

Applicant’s name

Signature  Date

[End of document]