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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

UNION INTERNATIONALE POUR LA PROTECTION DES OBTENTIONS VÉGÉTALES

INTERNATIONALER VERBAND ZUM SCHUTZ VON PFLANZEN-ZÜCHTUNGEN

UNIÓN INTERNACIONAL PARA LA PROTECCIÓN DE LAS OBTENCIONES VEGETALES

# DRAFT

## GUIDELINES

## FOR THE CONDUCT OF TESTS

## FOR DISTINCTNESS, UNIFORMITY AND STABILITY

## NEW GUINEA IMPATIENS

**(*Impatiens* L.)**

These Guidelines should be read in conjunction with document TG/1/2, which contains explanatory notes on the general principles on which the Guidelines have been established.

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## I. Subject of these Guidelines

These Test Guidelines apply to all varieties of the New Guinea Impatiens Group of the family Balsaminaceae.

## II. Material Required

1. The competent authorities decide when, where and in what quantity and quality the plant material required for testing the variety 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 are complied with. As a minimum, the following quantity of plant material is recommended:

For vegetatively propagated varieties: 20 rooted cuttings.

2. The plant material supplied should be visibly healthy, not lacking in vigor or affected by any important pests or diseases.

3. The plant material must not have undergone any treatment unless the competent authorities allow or request such treatment. If it has been treated, full details of the treatment must be given.

## III. Conduct of Tests

1. For vegetatively propagated varieties, the test should normally be conducted during a single growing cycle. If distinctness and/or uniformity cannot be sufficiently examined during this growing cycle, the test should be extended for a second growing cycle.

2. The tests should normally be conducted at one place. If any important characteristics of the variety cannot be seen at that place, the variety may be tested at an additional place.

3. The tests should be carried out under conditions ensuring normal growth.

Planting time: March/April (Northern Hemisphere)

Substrate: Porous substrate with good aeration, e.g. peat compost with pH 6,0-6,5.

Temperatures: 18-20°C for first 6 weeks, then 14-17°C.

The size of the plots should be such that plants or parts of plants may be removed for measurement and counting without prejudice to the observations which must be made up to the end of the growing period. As a minimum, for vegetatively propagated varieties, each test should include a total of 20 plants. Separate plots for observation and measuring can only be used if they have been subject to similar environmental conditions.

4. Additional tests for special purposes may be established.

## IV. Methods and Observations

1. For vegetatively propagated varieties, all visual observations should be made on 20 plants or parts taken from each of 20 plants. All observations determined by measurement or counting should be made on 10 plants or parts taken from each of 10 plants.

2. For the assessment of uniformity for 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 20 plants, the maximum number of off-types allowed would be 1.

3. All observations should be made at the time of full flowering.

4. Because daylight varies, colour 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 British Standard 950, Part I. These determinations should be made with the plant part placed against a white background.

## V. Grouping of Varieties

1. The collection of varieties to be grown should be divided into groups to facilitate the assessment of distinctness. Characteristics which are suitable for grouping purposes are those which are known from experience not to vary, or to vary only slightly, within a variety. Their various states of expression should be fairly evenly distributed throughout the collection.

2. It is recommended that the competent authorities use the following characteristics for grouping varieties:

(a) Leaf blade: marking of upper side (characteristic 9)
(b) Flower: type (characteristic 17)
(c) Flower: number of colors (eye zone excluded) (characteristic 19)
(d) Flower: main color of upper side (characteristic 20)

## VI. Characteristics and Symbols

1. To assess distinctness, uniformity and stability, the characteristics and their states as given in the Table of Characteristics should be used.

2. Notes (numbers), for the purposes of electronic data processing, are given opposite the states of expression for each characteristic.

3. Legend

(*) Characteristics that should be used on all varieties in every growing period over which examinations are made and always be included in the variety descriptions, except when the state of expression of a preceding characteristic or regional environmental conditions render this impossible.

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

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

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **1. (*)** | **Plant: height of foliage** | **Plante: hauteur du feuillage** | **Pflanze: Höhe der Laubzone** | **Planta: altura del follaje** | | |
| | short | bas | niedrig | bajo | Kijos | 3 |
| | medium | moyen | mittel | medio | Colombo | 5 |
| | tall | haut | hoch | alto | Firenze | 7 |
| **2. (*)** | **Plant: width** | **Plante: largeur** | **Pflanze: Breite** | **Planta: anchura** | | |
| | narrow | étroite | schmal | estrecha | Kimpgua | 3 |
| | medium | moyenne | mittel | media | Kitotoya | 5 |
| | broad | large | breit | ancha | Kibarbu | 7 |
| **3.** | **Shoot: anthocyanin coloration (on upper third of a shoot)** | **Pousse: pigmentation anthocyanique (sur le tiers supérieur d'une pousse)** | **Trieb: Anthocyan-färbung (im oberen Drittel des Triebes)** | **Tallo: pigmentación antociánica (en el tercio superior de un tallo)** | | |
| | absent or very weak | absente ou très faible | fehlend oder sehr gering | ausente o muy débil | Vienna | 1 |
| | weak | faible | gering | débil | Duesweetres | 3 |
| | medium | moyenne | mittel | media | Firenze | 5 |
| | strong | forte | stark | fuerte | Kitotoya | 7 |
| | very strong | très forte | sehr stark | muy fuerte | Kimali | 9 |
| **4.** | **Petiole: length** | **Pétiole: longueur** | **Blattstiel: Länge** | **Pecíolo: longitud** | | |
| | short | court | kurz | corto | | 3 |
| | medium | moyen | mittel | medio | | 5 |
| | long | long | lang | largo | | 7 |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **5.** | **Petiole: anthocyanin coloration on upper side** | **Pétiole: pigmentation anthocyanique de la partie supérieure** | **Blattstiel: Anthocyanfärbung auf der Oberseite** | **Pecíolo: pigmentación antociánica de la parte superior** | | |
| | absent or very weak | absente ou très faible | fehlend oder sehr gering | ausente o muy débil | Kijos | 1 |
| | weak | faible | gering | débil | Ricky Gini | 3 |
| | medium | moyenne | mittel | media | Firenze | 5 |
| | strong | forte | stark | fuerte | Kinepor | 7 |
| | very strong | très forte | sehr stark | muy fuerte | | 9 |
| **6.** **(*)** | **Leaf blade: length** | **Limbe: longueur** | **Blattspreite: Länge** | **Limbo: longitud** | | |
| | short | court | kurz | corto | Duesweetres | 3 |
| | medium | moyen | mittel | medio | Kitotoya | 5 |
| | long | long | lang | largo | Firenze | 7 |
| **7.** **(*)** | **Leaf blade: width** | **Limbe: largeur** | **Blattspreite: Breite** | **Limbo: anchura** | | |
| | narrow | étroit | schmal | estrecho | Kiluis | 3 |
| | medium | moyen | mittel | medio | Duesweetres | 5 |
| | broad | large | breit | ancho | Firenze | 7 |
| **8.** | **Leaf blade: length/width ratio** | **Limbe: rapport longueur/largeur** | **Blattspreite: Verhältnis Länge/Breite** | **Limbo: relación entre la longitud y la anchura** | | |
| | small | petit | klein | pequeña | Kimpslav | 3 |
| | medium | moyen | mittel | media | Kitotoya | 5 |
| | large | grand | groß | grande | Kimaris | 7 |
| **9.** **(*)** **(+)** | **Leaf blade: marking of upper side** | **Limbe: ornementation de la face supérieure** | **Blattspreite: Zeichnung der Oberseite** | **Limbo: mancha del haz** | | |
| | absent | absente | fehlend | ausente | Kitotoya | 1 |
| | present | présente | vorhanden | presente | Tempest | 9 |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **10.<br>(*)** | **<u>Varieties with marking only:</u><br>Leaf blade: color of marking of upper side** | **<u>Seulement les variétés à ornementation</u>:<br>Limbe: couleur de l'ornementation de la face supérieure** | **<u>Nur Sorten mit Zeichnung:</u><br>Blattspreite: Farbe der Zeichnung der Oberseite** | **<u>Sólo para variedades con mancha</u>: Limbo: color de la mancha del haz** | | |
| | light yellow | jaune clair | hellgelb | amarillo claro | Solared | 1 |
| | yellow | jaune | gelb | amarillo | Red Planet | 2 |
| | yellow with red | jaune et rouge | gelb mit rot | amarillo y rojo | Tempest | 3 |
| | light green | vert clair | hellgrün | verde claro | Celsal | 4 |
| **11.<br>(*)** | **Leaf blade: anthocyanin coloration of upper side** | **Limbe: pigmentation anthocyanique de la face supérieure** | **Blattspreite: Anthocyanfärbung der Oberseite** | **Limbo: pigmentación antociánica del haz** | | |
| | absent or very weak | absente ou très faible | fehlend oder sehr gering | ausente o muy débil | Ballet | 1 |
| | weak | faible | gering | débil | Kicarl | 3 |
| | medium | moyenne | mittel | media | | 5 |
| | strong | forte | stark | fuerte | | 7 |
| | very strong | très forte | sehr stark | muy fuerte | Vulcain | 9 |
| **12.<br>(*)** | **Leaf blade: color of lower side between veins** | **Limbe: couleur de la face inférieure entre les nervures** | **Blattspreite: Farbe der Unterseite zwischen den Adern** | **Limbo: color del envés entre los nervios** | | |
| | green | verte | grün | verde | Kitotoya | 1 |
| | red | rouge | rot | rojo | Tempest | 2 |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **13.** | **<u>Varieties with red lower side only:</u> Leaf blade: intensity of red coloration on lower side between veins** | **<u>Seulement les variétés dont la face inférieure est rouge</u> : Limbe: intensité de la pigmentation rouge sur la face inférieure entre les nervures** | **<u>Nur Sorten mit roter Blattunterseite:</u> Blattspreite: Intensität der Rotfärbung der Unterseite zwischen den Adern** | **<u>Sólo para variedades con envés rojo</u>: Limbo: intensidad del color rojo en el envés entre los nervios** | | |
| | weak | faible | gering | débil | | 3 |
| | medium | moyenne | mittel | media | | 5 |
| | strong | forte | stark | fuerte | | 7 |
| **14. (*)** | **Leaf blade: color of veins on lower side** | **Limbe: couleur des nervures sur la face inférieure** | **Blattspreite: Farbe der Adern auf der Unterseite** | **Limbo: color de los nervios en el envés** | | |
| | green | verte | grün | verde | Kijos | 1 |
| | red | rouge | rot | rojo | Kitotoya | 2 |
| **15.** | **Pedicel: length** | **Pédicelle: longueur** | **Blütenstiel: Länge** | **Pedicelo: longitud** | | |
| | short | court | kurz | corto | | 3 |
| | medium | moyen | mittel | medio | | 5 |
| | long | long | lang | largo | | 7 |
| **16.** | **Pedicel: anthocyanin coloration** | **Pédicelle: pigmentation anthocyanique** | **Blütenstiel: Anthocyanfärbung** | **Pedicelo: pigmentación antociánica** | | |
| | absent or very weak | absente ou très faible | fehlend oder sehr gering | ausente o muy débil | Tempest | 1 |
| | weak | faible | gering | débil | Ricky Gini | 3 |
| | medium | moyenne | mittel | media | Firenze | 5 |
| | strong | forte | stark | fuerte | Kimpslav | 7 |
| | very strong | très forte | sehr stark | muy fuerte | | 9 |
| **17. (*)** | **Flower: type** | **Fleur: type** | **Blüte: Typ** | **Flor: tipo** | | |
| | single | simple | einfach | simple | Kitotoya | 1 |
| | double | double | doppelt | doble | | 2 |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **18.<br>(*)<br>(+)** | **Flower: width** | **Fleur: largeur** | **Blüte: Breite** | **Flor: anchura** | | |
| | very narrow | très étroite | sehr schmal | muy estrecha | Kitol | 1 |
| | narrow | étroite | schmal | estrecha | Duesweetpur | 3 |
| | medium | moyenne | mittel | media | Kitotoya | 5 |
| | broad | large | breit | ancha | Kibetio | 7 |
| | very broad | très large | sehr breit | muy ancha | Kimpslav | 9 |
| **19.<br>(*)** | **Flower: number of colors (eye zone excluded)** | **Fleur: nombre de couleurs (zone de l'œil exclue)** | **Blüte: Anzahl Farben (Augenzone ausgenommen)** | **Flor: número de colores (excluida la zona del ojo)** | | |
| | one | une | eine | uno | Kitotoya | 1 |
| | two | deux | zwei | dos | Kibetio | 2 |
| | three or more | trois ou plus | drei oder mehr | tres o más | | 3 |
| **20.<br>(*)** | **Flower: main color of upper side** | **Fleur: couleur principale de la partie supérieure** | **Blüte: Hauptfarbe der Oberseite** | **Flor: color principal de la parte superior** | | |
| | 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) | | |
| **21.<br>(*)** | **Varieties with bi- or multicolored flowers only: Flower: secondary color of upper side** | **Seulement les variétés à fleurs bicolores ou multicolores: fleur: couleur secondaire de la partie supérieure** | **Nur Sorten mit zwei- oder mehrfarbigen Blüten: Blüte: Sekundärfarbe der Oberseite** | **Sólo para variedades con flores bicolores o multicolores: Flor: color secundario de la parte superior** | | |
| | 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) | | |

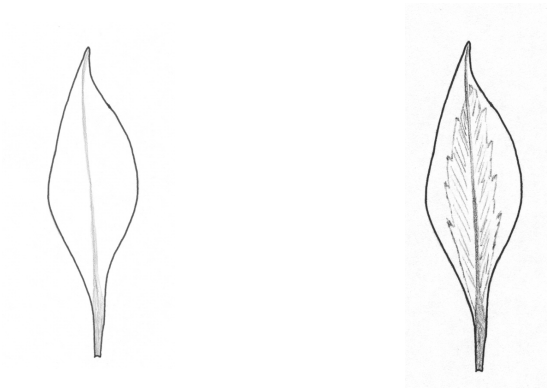
| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **22.<br>(*)<br>(+)** | **<u>Varieties with bi- or multicolored flowers only</u>: Flower: distribution of secondary color** | **<u>Seulement les variétés à fleurs bicolores ou multicolores</u> : fleur: distribution de la couleur secondaire** | **<u>Nur Sorten mit zwei- oder mehrfarbigen Blüten</u>: Blüte: Verteilung der Sekundärfarbe** | **<u>Sólo para variedades con flores bicolores o multicolores</u>: Flor: distribución del color secundario** | | |
| | mainly on upper petal | surtout sur le pétale supérieur | hauptsächlich auf dem oberen Blütenblatt | principalmente en el pétalo superior | Vulcain | 1 |
| | on all petals around base | sur tous les pétales autour de la base | auf allen Blütenblättern um die Basis herum | en todos los pétalos alrededor de la base | Balcelisow | 2 |
| | on all petals along mid-rib | sur tous les pétales le long de la nervure centrale | auf allen Blütenblättern entlang der Mittelrippe | en todos los pétalos a lo largo de la nervadura principal | Kiluis | 3 |
| **23.<br>(*)<br>(+)** | **Flower: eye zone** | **Fleur: zone de l'œil** | **Blüte: Augenzone** | **Flor: zona del ojo** | | |
| | absent | absente | fehlend | ausente | Kibetio | 1 |
| | present | présente | vorhanden | presente | Kitotoya | 9 |
| **24.<br>(*)** | **Flower: size of eye zone** | **Fleur: taille de la zone de l'œil** | **Blüte: Grösse der Augenzone** | **Flor: tamaño de la zona del ojo** | | |
| | small | petite | klein | pequeña | Firenze | 3 |
| | medium | moyenne | mittel | media | Tempest | 5 |
| | large | grande | groß | grande | Kianton | 7 |
| **25.** | **Flower: main color of eye zone** | **Fleur: couleur principale de la zone de l'œil** | **Blüte: Hauptfarbe der Augenzone** | **Flor: color principal de la zona del ojo** | | |
| | 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) | | |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **26.**<br>**(+)** | **<u>Varieties with single flowers only:</u><br>Upper petal: width** | **<u>Seulement les variétés à fleurs simples</u>: Pétale supérieur: largeur** | **<u>Nur Sorten mit einfachen Blüten:</u><br>Oberes Blütenblatt: Breite** | **<u>Sólo para variedades con flores simples</u>:<br>Pétalo superior: anchura** | | |
| | narrow | étroit | schmal | estrecho | Kipaqui | 3 |
| | medium | moyen | mittel | medio | Kijos | 5 |
| | broad | large | breit | ancho | Kimali | 7 |
| **27.**<br>**(+)** | **<u>Varieties with single flowers only:</u><br>Lateral petal: width** | **<u>Seulement les variétés à fleurs simples</u>: Pétale latéral: largeur** | **<u>Nur Sorten mit einfachen Blüten:</u><br>Seitliches Blütenblatt: Breite** | **<u>Sólo para variedades con flores simples</u>:<br>Pétalo lateral: anchura** | | |
| | narrow | étroit | schmal | estrecho | Kitotoya | 3 |
| | medium | moyen | mittel | medio | Firenze | 5 |
| | broad | large | breit | ancho | Duesweetres | 7 |
| **28.**<br>**(+)** | **<u>Varieties with single flowers only:</u><br>Lower petal: length** | **<u>Seulement les variétés à fleurs simples</u>: Pétale inférieur: longueur** | **<u>Nur Sorten mit einfachen Blüten:</u><br>Unteres Blütenblatt: Länge** | **<u>Sólo para variedades con flores simples</u>:<br>Pétalo inferior: longitud** | | |
| | short | court | kurz | corto | | 3 |
| | medium | moyen | mittel | medio | | 5 |
| | long | long | lang | largo | | 7 |
| **29.**<br>**(+)** | **<u>Varieties with single flowers only:</u><br>Lower petal: depth of incision** | **<u>Seulement les variétés à fleurs simples</u>: Pétale inférieur: profondeur de l'incision** | **<u>Nur Sorten mit einfachen Blüten:</u><br>Unteres Blütenblatt: Tiefe des Einschnitts** | **<u>Sólo para variedades con flores simples</u>:<br>Pétalo inferior: profundidad de la incisión** | | |
| | absent or very shallow | absente ou très peu profonde | fehlend oder sehr gering | ausente o muy poco profunda | | 1 |
| | shallow | peu profonde | gering | poco profunda | | 3 |
| | medium | moyenne | mittel | media | | 5 |
| | deep | profonde | tief | profunda | | 7 |
| | very deep | très profonde | sehr tief | muy profunda | | 9 |

| | English | français | deutsch | español | Example Varieties<br>Exemples<br>Beispielssorten<br>Variedades ejemplo | Note/<br>Nota |
|---|---|---|---|---|---|---|
| **30.**<br>**(+)** | **Spur: degree of curvature** | **Éperon: degré de courbure** | **Sporn: Stärke der Krümmung** | **Espolón: grado de curvatura** | | |
| | absent or very weak | nul ou très faible | fehlend oder sehr gering | ausente o muy débil | | 1 |
| | weak | faible | gering | débil | | 3 |
| | medium | moyen | mittel | media | | 5 |
| | strong | fort | stark | fuerte | | 7 |
| | very strong | très fort | sehr stark | muy fuerte | | 9 |

VII. Table of Characteristics/Tableau des caractères/Merkmalstabelle/Tabla de caracteres
VIII. Explanations on the table of Characteristics

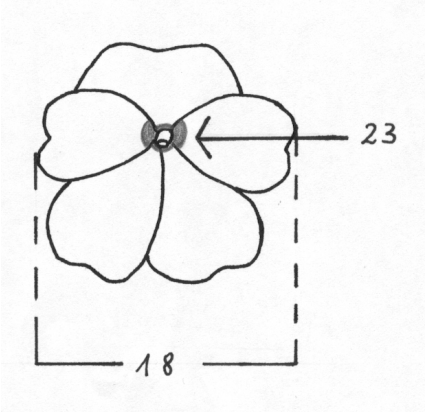
Ad. 9: Leaf blade: marking of upper side



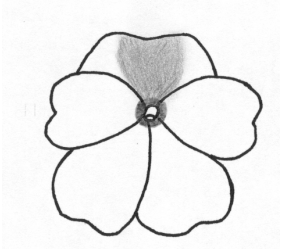
1
absent

9
present

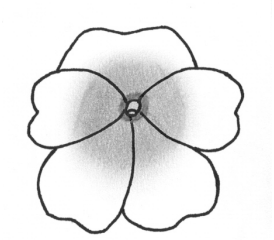
Ad. 18: Flower: width
Ad. 23: Flower: eye zone



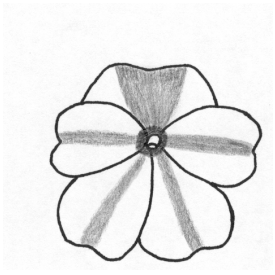

Ad. 22: Varieties with bi- or multicolored flowers only: Flower: distribution of secondary color



1
mainly on upper petal

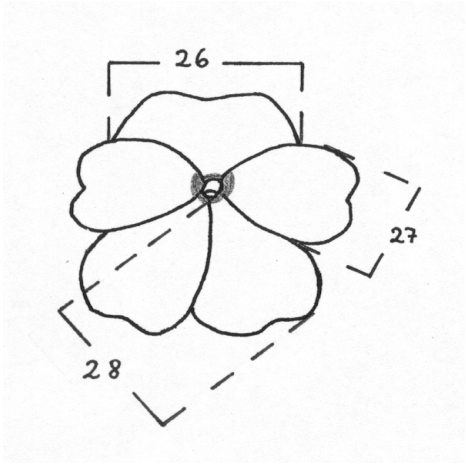


2
on all petals around base

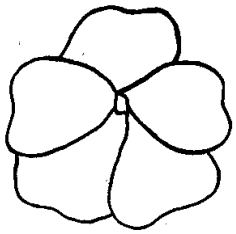


3
on all petals along mid-rib

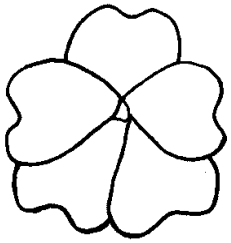
Ad. 26: Varieties with single flowers only: Upper petal: width
Ad. 27: Varieties with single flowers only: Lateral petal: width
Ad. 28: Varieties with single flowers only: Lower petal: length



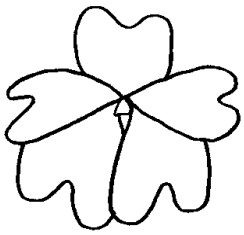

Ad. 29: Varieties with single flowers only: Lower petal: depth of incision



3
shallow



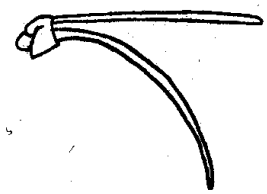
5
medium



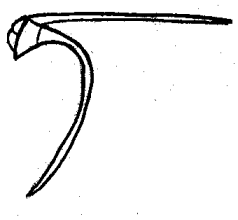
7
deep

Ad. 30: Spur: degree of curvature

3
weak



5
medium



7
strong

## IX. Literature

Grey-Wilson, C., 1980: Impatiens of Africa, A. A. Balkema, Rotterdam.

X. Technical Questionnaire

| | |
|---|---|
| | Reference Number<br>(not to be filled in by the applicant) |
| | |

TECHNICAL QUESTIONNAIRE
to be completed in connection with an application for plant breeders' rights

| | |
|---|---|
| 1. Species | *New Guinea Impatiens* Group<br><br>NEW GUINEA IMPATIENS |
| 2. Applicant (Name and address) | |
| 3. Proposed denomination or breeder's reference | |

4. Information on origin, maintenance and reproduction of the variety

4.1 Origin

(a) Seedling (indicate parent varieties)

..... [ ]

(b) Mutation (indicate parent variety)

..... [ ]

(c) Discovery (indicate where and when)

..... [ ]

(d) Other (specify)

..... [ ]

4.2 Method of reproduction

(a) Cuttings [ ]

(b) *In vitro* propagation [ ]

(c) Other (specify)

..... [ ]

4.3 Other information

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

| | Characteristics | Example Varieties | Note |
|---|---|---|---|
| **5.1 (1)** | **Plant: height of foliage** | | |
| | short | Kijos | 3[ ] |
| | medium | Colombo | 5[ ] |
| | tall | Firenze | 7[ ] |
| **5.2 (11)** | **Leaf blade: anthocyanin coloration of upper side** | | |
| | absent or very weak | Ballet | 1[ ] |
| | weak | Kicarl | 3[ ] |
| | medium | | 5[ ] |
| | strong | | 7[ ] |
| | very strong | Vulcain | 9[ ] |
| **5.3 (12)** | **Leaf blade: color of lower side between veins** | | |
| | green | Kitotoya | 1[ ] |
| | red | Tempest | 2[ ] |
| **5.4 (14)** | **Leaf blade: color of veins on lower side** | | |
| | green | Kijos | 1[ ] |
| | red | Kitotoya | 2[ ] |
| **5.5 (18)** | **Flower: width** | | |
| | very narrow | Kitol | 1[ ] |
| | narrow | Duesweetpur | 3[ ] |
| | medium | Kitotoya | 5[ ] |
| | broad | Kibetio | 7[ ] |
| | very broad | Kimpslav | 9[ ] |

| | Characteristics | Example Varieties | Note |
|---|---|---|---|
| **5.6 (19)** | **Flower: number of colors (eye zone excluded)** | | |
| | one | Kitotoya | 1[ ] |
| | two | Kibetio | 2[ ] |
| | three or more | | 3[ ] |
| **5.7(i) (20)** | **Flower: main color of upper side** | | |
| | RHS Colour Chart (indicate reference number) | …… | |
| **5.7(ii) (20)** | **Flower: main color of upper side** | | |
| | white | | 1[ ] |
| | orange pink | | 2[ ] |
| | orange red | | 3[ ] |
| | red | | 4[ ] |
| | bluish pink | | 5[ ] |
| | blue red | | 6[ ] |
| | purple red | | 7[ ] |
| | purple | | 8[ ] |
| | violet | | 9[ ] |
| | blue violet | | 10[ ] |
| | other color (indicate) | …… | |
| **5.8(i) (21)** | **<u>Varieties with bi- or multicolored flowers only:</u>** **Flower: secondary color of upper side** | | |
| | RHS Colour Chart (indicate reference number) | …… | |

| Characteristics | Example Varieties | Note |
|---|---|---|
| **5.8(ii) <u>Varieties with bi- or multicolored flowers only:</u>** | | |
| **(21) Flower: secondary color of upper side** | | |
| white | | 1[ ] |
| orange pink | | 2[ ] |
| orange red | | 3[ ] |
| red | | 4[ ] |
| bluish pink | | 5[ ] |
| blue red | | 6[ ] |
| purple red | | 7[ ] |
| purple | | 8[ ] |
| violet | | 9[ ] |
| blue violet | | 10[ ] |
| other color (indicate) | …… | |

6. Similar varieties and differences from these varieties

| Denomination of similar variety | Characteristic in which the similar variety is different [o)] | State of expression of similar variety | State of expression of candidate variety |
|---|---|---|---|
| | | | |

[o)] In the case of identical states of expressions of both varieties, please indicate the size of the difference.

7. Additional information which may help to distinguish the variety

7.1 Resistance to pests and diseases

7.2 Special conditions for the examination of the variety

7.3 Other information

A representative color photo of the variety should be added to 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 that question is yes, please attach a copy of such an authorization.

[End of document]