

**TRADE AND AGRICULTURE DIRECTORATE
COMMITTEE FOR AGRICULTURE**

**Annual Meeting of Representatives of the National Designated Authorities for the
Implementation of the OECD Schemes for the Varietal Certification of Seed Moving in
International Trade**

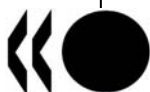
**ELIGIBLE SPECIES UNDER THE SCHEMES - UPDATED LIST AND SUGGESTIONS FOR
COMPLEMENTING THE REVISION OF THE GUIDELINES - PART IV.**

This document, prepared by the Co-ordinating Centre, revises Part IV of the "OECD Guidelines for Control Plot Tests and Field Inspection of Seed Crops". It includes characters for assessing varietal purity for the 18 species which were submitted to the Co-ordinating Centre.

It is circulated to Delegations, National Designated Authorities and Observers for information, and to the Members of the TWG for agreement at the 7th TWG Meeting (under item 4.2.2 of the draft agenda TAD/CA/S/A(2009)4), to be held in Paris on 10 June 2009.

Contact: Michael.Ryan@oecd.org; Katarina.Djermanovic@oecd.org

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**DRAFT GUIDELINES FOR CONTROL PLOT TESTS AND FIELD INSPECTION OF SEED CROPS -
PART IV (Characteristics for assessing varietal identity and varietal purity for a further 33 species)**

Note by the Secretariat

1. The background for the on-going revision of the **OECD Guidelines for Control Plot Tests and Field Inspection of Seed Crops** is given in TAD/CA/S/RD(2008)3/REV3.

Document TAD/CA/S/RD(2008)12/REV2 initiated the revision of Part IV of the Guidelines, containing updated descriptions of species characteristics to be used for assessing varietal identity and varietal purity in post-control plots and during field inspections of seed crops for a total of 36 species.

2. At the 5th meeting of the Technical Working Group on varietal identity and varietal purity, held in June 2008, the participants discussed the species for which characters should be updated and, in the case of new species, developed for the first time.
3. A total of 17 new species had been added to the list of eligible species in the last decade. It was agreed that the country who had asked for the addition of the species be invited to draft the necessary information, as follows:

| | | |
|---|------|----------------|
| <i>Vicia benghalensis</i> | 2007 | Portugal |
| <i>Bromus marginatus</i> | 2006 | Czech Republic |
| <i>Medicago murex</i> | 2006 | Australia |
| <i>Ornithopus compressus</i> | 2005 | New Zealand |
| <i>Bisserula pelecinus</i> | 2005 | Australia |
| <i>Trifolium glandiferum</i> | 2005 | Australia |
| <i>Eremochloa ophiuroides</i> | 2005 | United States |
| <i>Zoysia japonica</i> | 2005 | United States |
| <i>Lablab purpureus</i> | 2004 | Kenya |
| <i>Puccinella distans</i> | 2004 | United States |
| <i>Eleusine coracana</i> | 2003 | Kenya |
| <i>Galega orientalis</i> | 2003 | Estonia |
| <i>Plantago lanceolata</i> | 2002 | New Zealand |
| <i>Deschampsia cespitosa</i> | 2001 | Netherlands |
| <i>Elytrigia repens</i> | 2001 | United States |
| <i>Ornithopus sativus x O. compressus</i> | 1999 | New Zealand |
| <i>Lolium rigidum</i> | 1996 | Australia |

5. The experts then selected a further 12 agricultural species for which seed is currently being certified and for which the characters would be revised. A first reviewer was chosen, based on the amount of seed it certified and it was agreed that the Co-ordinating Centre would act as the second reviewer, as follows:

| .Species | Ist Reviewer | 2nd Reviewer |
|--------------------------------------|---------------|----------------------|
| <i>Alopecurus pratensis</i> L | Germany | Co-ordinating Centre |
| <i>Bromus catharticus</i> Vahl | France | Co-ordinating Centre |
| <i>Bromus inermis</i> Leysser | Canada | Co-ordinating Centre |
| <i>Cynodon dactylon</i> (L.) Pers | United States | Co-ordinating Centre |
| <i>Festuca ovina</i> L. | Netherlands | Co-ordinating Centre |
| <i>Panicum maximum</i> Jacq. | Brazil | Co-ordinating Centre |
| <i>Pennisetum glaucum</i> (L.) R.Br. | Kenya | Co-ordinating Centre |
| <i>Phalaris aquatica</i> L. | Australia | Co-ordinating Centre |
| <i>Phalaris arundinacea</i> L. | Canada | Co-ordinating Centre |
| <i>Poa trivialis</i> L. | United States | Co-ordinating Centre |
| x <i>Festulolium</i> | Denmark | Co-ordinating Centre |
| <i>Cicer arietinum</i> L. | Canada | Co-ordinating Centre |

After the meeting the Past-Chair (Denmark) kindly agreed to revise the characters for *Trifolium pratense* L.

6. During the Annual Meeting held on 1-2 July 2008, a further three species were added to the list of species eligible for certification under the schemes as follows:

Trifolium spumosum – bladder clover, (requested by Australia)

Trifolium dasyurum – eastern star clover, (requested by Australia)

Nicotiana tabaccum – tobacco, (requested by Bulgaria).

Both Australia and Bulgaria agreed to submit a list of characters for accessing varietal purity for the species which they had requested be added to the list of species eligible for certification.

The Co-ordinating Centre provided the template for the characters for assessing varietal purity to each country and the list of characters should have been submitted to the Co-ordinating Centre by 15 November 2008. The Co-ordinating Centre then reviewed the lists of characters and produced a paper for discussion at the TWG Meeting in January 2009.

This paper gives details of the characters to be used for varietal purity for the 18 species which were submitted to the Co-ordinating Centre. The Netherlands has kindly described an extra 8 species.

GUIDELINES
FOR CONTROL PLOT TESTS
AND FIELD INSPECTION OF SEED CROPS

Part IV.

CHARACTERISTICS FOR ASSESSING
VARIETAL IDENTITY AND VARIETAL PURITY

**PROVISIONAL LIST OF
SPECIES DESCRIPTION SHEETS**

GRASSES AND LEGUMES

Poaceae

MEADOW FOXTAIL (*Alopecurus pratensis* L.)
 SHEEP'S FESCUE (*Festuca ovina* L.)
 TUFTED HAIRGRASS (*Deschampsia cespitosa* (L.) P. Beauv)
 CRESTED HAIRGRASS (*Koeleria macrantha* (Led.) Schult.)
 ROUGH-STALKED MEADOWGRASS (*Poa trivialis* L.)
 WOOD MEADOWGRASS (*Poa nemoralis* L.)
 FESTULOLIUM (*x Festulolium* Aschers. et Graebn.)
 SMOOTH BROME (*Bromus inermis* Leyser)
 REED CANARYGRASS (*Phalaris arundinacea* L.)
 CANARY GRASS (*Phalaris canariensis* L.)

Fabaceae

CHICKPEA (*Cicer arietinum* L.)
 FODDER GALEGA (*Galega orientalis* Lam.)
 RED CLOVER (*Trifolium pratense* L.)

CRUCIFER AND OTHER OIL OR FIBRE SPECIES

Other species

SEED POPPY (*Papaver somniferum* L.)
 CALIFORNIA BLUEBELL (*Phacelia tanacetifolia* Benth.)
 HEMP (*Cannabis sativa* L.)
 TOBACCO (*Nicotiana tabacum* L.)

CEREALS

BUCKWHEAT (*Fagopyrum esculentum* Moench.)

MEADOW FOXTAIL*(Alopecurus pratensis L.)*

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

Vegetative (in year of sowing)

Plant: natural height

Plant: growth habit

Leaf: intensity of green colour

Plant: tendency to form inflorescences

Flowering (in 2nd year)

Plant: time of inflorescence emergence

Leaf: colour at inflorescence emergence

Maturity (in 2nd year)

Stem: length of longest stem

SECONDARYVegetative (in 2nd year)

Plant: natural height

Plant: growth habit

Flowering (in 2nd year)

Flag leaf: length

Flag leaf: width

Maturity (in 2nd year)

Inflorescence: anthocyanin colour of glume

1

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.

Source: German National Test Guideline for the Conduct of Tests for Distinctness, Uniformity and Stability, edition January 1987

SHEEP'S FESCUE
(*Festuca ovina* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|-----|---|
| Vegetative | 3 | Plant: natural height |
| | 4 | Plant: growth habit |
| | 7 | Leaf: intensity of green colour |
| | 8 | Leaf: glaucosity |
| | 9 | Plant: development of rhizomes |
| Heading | 10 | Plant: time of inflorescence emergence |
| | 11* | Plant: height at time of inflorescence emergence |
| | 15* | Plant: length of longest stem |
| | 18 | Inflorescence: anthocyanin colouration of panicle |

SECONDARY

| | | |
|------------|----|--------------------------------------|
| Vegetative | 2 | Leaf sheath: anthocyanin colouration |
| | 5 | Leaf: length |
| Heading | 12 | Flag leaf: length |
| | 16 | Plant: length of upper internode |
| | 17 | Inflorescence: length |
| Laboratory | 1 | Ploidy |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc. No TG/67/5 (05.04.2006) for explanation and method of examination.

TUFTED HAIRGRASS*(Deschampsia cespitosa (L.) P. Beauv)*

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|--|--|
| Vegetative | | Plant: natural height |
| | | Plant: growth habit |
| | | Leaf: intensity of green colour |
| | | Leaf: size |
| Heading | | Plant: time of inflorescence emergence |
| | | Stem: length of longest stem |
| | | Inflorescence: anthocyanin colouration |

SECONDARY

| | | |
|------------|--|---|
| Vegetative | | Flag leaf: length |
| | | Flag leaf: width |
| Heading | | Stem: length of upper internode |
| | | Inflorescence: length (when fully expanded) |

1

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.

Source: The Netherlands

CRESTED HAIRGRASS*(Koeleria macrantha (Led.) Schult.)*

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|--|--|
| Vegetative | | Plant: natural height |
| | | Plant: growth habit |
| | | Leaf: intensity of green colour |
| | | Leaf: size |
| Heading | | Plant: time of inflorescence emergence |
| | | Plant: height |
| | | Stem: hairiness |
| | | Panicle: intensity of green colour |
| | | Inflorescence: anthocyanin colouration |

SECONDARY

| | | |
|------------|--|---------------------------------|
| Vegetative | | Leaf: hairiness |
| Heading | | Flag leaf: length |
| | | Flag leaf: width |
| | | Stem: length of upper internode |
| | | Inflorescence: length |

¹

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.

Source: The Netherlands

ROUGH-STALKED MEADOWGRASS*(Poa trivialis L.)*

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | |
|------------|---|
| Vegetative | Plant: growth habit |
| | Leaf: intensity of green colour |
| Heading | Plant: time of flowering |
| | Plant: height of stem including panicle |
| | Flag leaf: size |
| | Stem: anthocyanin colouration |
| | Panicle: anthocyanin colouration |
| | Panicle: length (when fully expanded) |
| | Panicle: shape |

SECONDARY

| | |
|------------|-------------------------------|
| Vegetative | Leaf: size |
| | Leaf: pubescence |
| | Leaf: glossiness |
| | Leaf: margin hairs |
| | Plant: presence of stolons |
| Heading | Flag leaf: length |
| | Flag leaf: width |
| | Leaf sheath: hairs on margin |
| | Leaf sheath: hairs on surface |
| | Ligule: length |

¹ There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: The Netherlands

WOOD MEADOWGRASS*(Poa nemoralis L.)*

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|--|---|
| Vegetative | | Plant: growth habit |
| | | Leaf: intensity of green colour |
| | | Leaf: shape |
| Heading | | Plant: time of flowering |
| | | Plant: height of stem including panicle |
| | | Flag leaf: width |
| | | Stem: anthocyanin colouration |
| | | Panicle: anthocyanin colouration |
| | | Panicle: shape |

SECONDARY

| | | |
|---------|--|---------------------------------------|
| Heading | | Panicle: length (when fully expanded) |
| | | Ligule: length |
| | | Stolons: absent/present |

¹ There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: The Netherlands

FESTULOLIUM
(x *Festulolium* Aschers. et Graebn.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|----|--|
| Vegetative | 6 | Plant: growth habit after vernalisation |
| | 7 | Plant: height after vernalisation |
| Flowering | 8 | Plant: time of inflorescence emergence |
| | 10 | Flag leaf: length |
| | 11 | Flag leaf: width |
| | 12 | Plant: length of longest stem, inflorescence included (when fully expanded) |
| | - | Leaf: intensity of green colour |
| | - | Leaf: glaucosity (absent / present) |
| | - | |

SECONDARY

| | | |
|-----------|---|--|
| Flowering | 9 | Plant: natural height at inflorescence emergence |
| Maturity | 1 | Plant: ploidy (to be tested in laboratory) |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc No. TG/243/1 (09-04-2008) for explanation and method of examination.

SMOOTH BROME
(*Bromus inermis* Leyser)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | |
|------------|---|
| Vegetative | Leaf: length Leaf: width Leaf: attitude (drooping to erect) Leaf: pubescence: glabrous to strongly pubescent Leaf blade: green colour Leaf sheath: green through red colour Leaf ligule: present or absent Stem: collar shape (v, closed, open) Plant: height at head emergence |
| Flowering | Panicle: shape (compact to open) Panicle: attitude (drooping to erect) Panicle: colour (no anthocyanin to red) |

SECONDARY

| | |
|------------|--|
| Vegetative | Flag Leaf: length Flag Leaf: width Flag Leaf: auricles (absent or present) |
| Flowering | Panicle: heading time (first flower open on 50% of plants) |
| Maturity | Seed: pubescence (glabrous to strongly pubescent) |

¹ There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.

Source: Canada

REED CANARYGRASS
(*Phalaris arundinacea* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | |
|------------|--|
| Vegetative | Plant: growth habit Leaf: green colour Leaf blade: width Leaf blade: length Stem: attitude |
| Heading | Flag leaf: size Stem: length of longest stem Panicle: heading time (first flower open on 50% of plants) Panicle: length Panicle: width |

SECONDARY

| | |
|------------|---|
| Vegetative | Leaf sheath: anthocyanin colouration Leaf sheath: density of hairs on margin Leaf sheath: ligule (membranous, hairy) Leaf blade: density of hairs on leaf margin Leaf blade: density of hairs on upper side |
| Heading | Lemma: pubescence Panicle: Spikelet length |

¹ There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: Canada

CANARY GRASS
(*Phalaris canariensis* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|--|--|
| Vegetative | | Leaf: intensity of green colour Leaf: size |
| Heading | | Plant: time of flowering Plant: height Inflorescence: shape Inflorescence: size |

SECONDARY

| | | |
|------------|--|---|
| Vegetative | | |
| Heading | | Flag leaf: width Flag leaf: attitude |

¹

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: The Netherlands

CHICKPEA
(*Cicer arietinum* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|-----------------|-----|--|
| Vegetative | 4 | Stem: anthocyanin colouration |
| | 5* | Foliage: green colour intensity Leaflet: length Leaflet: width |
| Flowering | 18 | Time of flowering (first flower open, 80% of plants) |
| | 7 | Flower: colour |
| After flowering | 1* | Plant: attitude (prostrate to erect) |
| Maturity | 3 | Plant: height (pods fully developed) |
| | | Pod: width (mm) |
| | | Pod: length (mm) |
| | 11 | Pod: length of beak (mm) |
| | 12* | Pod: predominant number of ovules (2, 3, other) |
| | 13* | Seed: colour |

SECONDARY

| | | |
|------------|-----|---|
| Vegetative | | |
| Flowering | | Flower: colour |
| Maturity | 10 | Pod: intensity of green colour |
| | 19* | Time of maturity of pod (when seed dry) |
| | | Seed: shape |
| | 17 | Seed: ribbing |
| | 14 | Seed: intensity of colour (light to dark) |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc No. TG/143/4 (2005-04-06) for explanation and method of examination.

Source: Canada

FODDER GALEGA
(*Galega orientalis* Lam.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | |
|--------------------------|--|
| Second year after sowing | Time of beginning of flowering |
| Flowering | Stem: hairiness of stem Leaf: number of leaflet-pairs Flower: colour |
| Maturity | Pod: attitude of pod on stem Pod: curvature |

SECONDARY

| | |
|--|---|
| In sowing year Second year after sowing | Plant: tendency to flowering in sowing year Plant: natural height at spring time |
| Flowering | Stem: length (longest stem, including pod) Stem: thickness Stem: number of internodes Stem: density of hairiness Leaf: green color of foliage Leaflet: shape Leaflet: width Leaflet: length Stipule: shape Inflorescence: length Flower: intensity of violet colour |
| In the second summer Second year autumn | Rhizomes Plant: tendency to flowering Plant: natural height of aftermath |

¹ There are no UPOV Guidelines for the Conduct of tests for Distinctness, Uniformity and Stability for this species.
Source: Estonia

RED CLOVER
(*Trifolium pratense* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|-----------|----|---|
| Flowering | 11 | Time of flowering |
| | 12 | Stem: length (the longest stem should be observed including the head within 1-2 weeks after mean date of flowering) |
| | 16 | Leaf: shape of medial leaflet |
| | 17 | Leaf: length of medial leaflet |
| | 18 | Leaf: width of medial leaflet |
| | 19 | Leaf: intensity of white marks (the observation should be made at beginning of flowering on the upper third of the plant) |
| | - | Flower: colour |

SECONDARY

| | | |
|-----------|----|--|
| Flowering | 13 | Stem: thickness |
| | 15 | Stem: density of hairs |
| Maturity | 14 | Stem: number of internodes |
| | 2 | Plant: ploidy (to be tested in laboratory) |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc No. TG/5/7 (04-04-2001) for explanation and method of examination.

SEED POPPY
(*Papaver somniferum* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|-------------------------|--|--|
| <u>PRIMARY</u> | | |
| Vegetative | 1 | Plant: diameter of rosette |
| | 3 | Rosette leaf: white spots |
| Flowering | 4 | Plant: branching of stem |
| | 5 | Stem: length |
| | 6* | Stem: anthocyanin colouration |
| | 9 | Stem leaf: waxiness |
| | 11 | Petal: colour |
| | 20 | Capsule: waxiness |
| | 21 | Capsule: shape of longitudinal section |
| | 23 | Capsule: length |
| <u>SECONDARY</u> | | |
| Vegetative | 2 | Rosette leaf: hairiness |
| Flowering | 7 | Stem: hairiness |
| | 8 | Stem leaf: hue of green colour |
| | 10 | Stem leaf: type of incisions of margin |
| | 12 | Petal: intensity of colour |
| | 13 | Petal: blotch |
| | 14 | Petal: type of blotch |
| | 15 | Petal: colour of blotch |
| | 17 | Petal: incisions |
| | 19 | Filament: colour |
| | 25 | Capsule: ribbing |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc No. TG/166/3 (1999) for explanation and method of examination.

CALIFORNIA BLUEBELL
(*Phacelia tanacetifolia* Benth.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | |
|------------|---------------------------------|
| Vegetative | Plant: growth habit |
| | Leaf: intensity of green colour |
| | Leaf: anthocyanin colouration |
| | Leaf: shape (size) |
| Flowering | Plant: time of flowering |
| | Plant: natural height |
| | Stem: colour |

SECONDARY

| | |
|------------|----------------------------|
| Vegetative | Leaf: division of leaflet |
| | Leaf: length of leaflet |
| Flowering | Stem: pubescence |
| | Stem: thickness |
| | Stem: number of internodes |
| Laboratory | Seed: ploidy |

1

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: The Netherlands

HEMP
(*Cannabis sativa* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

| | | |
|------------|--|--|
| Vegetative | | Plant: growth habit Leaf: intensity of green colour Leaf: shape (size) |
| Flowering | | Plant: time of flowering Plant: height Stem: colour |

SECONDARY

| | | |
|------------|--|--|
| Vegetative | | |
| Flowering | | Plant: sex expression Plant: % of female flowers Plant: % of male flowers Plant: % of plants with male and female flowers |

¹

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.
Source: The Netherlands

BUCKWHEAT
(*Fagopyrum esculentum* Moench.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|----------------------|--|-----------------------|
|----------------------|--|-----------------------|

PRIMARY

Vegetative

Leaf: intensity of green colour

Leaf: size

Earing

Plant: time of flowering

Plant: height

Inflorescence: colour

SECONDARY

Vegetative

Earing

1

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability for this species.

Source: The Netherlands

TOBACCO
(*Nicotiana tabacum* L.)

| Stage of examination | UPOV Character Number ¹ | Character description |
|-------------------------|--|--|
| <u>PRIMARY</u> | | |
| Vegetative | 2. | Plant: height of main stem (including inflorescence) |
| | 4. | Plant: number of leaves |
| Start of flowering | 6. | Leaf: type |
| | 7. | Leaf: angle of insertion |
| | 14. | Leaf: shape of blade |
| | 15. | Leaf: shape of tip |
| | 20. | Leaf: development of auricles |
| | 21. | Leaf: colour of blade |
| At flowering | 23. | Time of flowering (50% of plants with at least one corolla open) |
| | 24. | Flower: length (excluding peduncle) |
| | 28. | Flower: expression of tips of corolla |
| | 29. | Flower: colour of corolla |
| | 30. | Flower: development of stamens |
| | 32. | Inflorescence: shape |
| | 34. | Inflorescence: compactness |
| Maturity | 35. | Fruit: form |
| <u>SECONDARY</u> | | |
| Start of flowering | 8. | Leaf: length of blade (excluding auricles) |
| | 9. | Leaf: width of blade |
| | 10. | Leaf: ratio length/width of blade (excluding auricles) |
| | 18. | Leaf: blistering of blade |
| | 22. | Leaf: colour of midrib on lower side |
| | 31. | Flower: length of pistil relative to stamens (varieties with fully developed stamens only) |
| | 33. | Inflorescence: position relative to upper leaves |

¹ Please refer to the UPOV Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability Doc No. TG/195/1 (2002) for explanation and method of examination.