

## Technical questionnaire

### hardy geranium

#### CPVO/TQ-330/1

Mandatory fields or sections are marked with an asterisk (\*)

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#### **01 . Botanical taxon: name of the genus, species or sub-species to which the variety belongs:**

*Geranium* L.

*Geranium cinereum* Cav.

*Geranium maculatum* L.

*Geranium phaeum* L.

*Geranium psilostemon* Ledeb.

*Geranium pratense* L.

*Geranium wallichianum* D. Don ex Sweet

*Geranium* × *antipodeum* Yeo

*Geranium* × *oxonianum* Yeo

Other species (please specify)

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#### **02 . Application code:**

For office use only

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#### **03 . Breeder's reference:**

Breeder's Ref.

**04 . Information on the breeding scheme and propagation of the variety****04 . 01 . Breeding scheme \****(this question could be confidential)*

crossing

mutation

discovery

Please state where and when discovered and how the variety has been developed

other origin

Please provide details

**04 . 01.01 . Crossing \****(this question could be confidential)*

controlled cross

Indicate denomination and species of the parent varieties

partially known cross

Indicate denomination and species of the known parent variety(ies)

unknown cross

**04 . 01.02 . In case of mutation, please fill in the table below. \****(this question could be confidential)*

Denomination of the parent variety	Characteristic(s) in which your candidate variety differs from the parent variety	Describe the expression of the characteristic(s) for the parent variety	Describe the expression of the characteristic(s) for your candidate variety

**04 . 02 . Method of propagation of the variety \***

vegetatively propagated

Please specify the method

seed propagated



**04 . 03 . In the case of seed propagated varieties, method of production:**

self-pollination

cross pollination

hybrid

other method

Please specify

**05 . Characteristics of the variety to be indicated \***

(the number in brackets refers to the corresponding characteristic in the CPVO Technical Protocol; please mark the state of expression which best corresponds)

**05 . 01 . Plant: habit (1) (G) \***

1 - upright

2 - semi-upright

Midnightlyona

3 - spreading

Gerwat

4 - horizontal

Noorthava

**05 . 02 . Plant: height (2) (G) \***

1 - very short

Thunder Cloud

2 - very short to short

3 - short

Noorthava

4 - short to medium

5 - medium

Catherine Deneuve

6 - medium to tall

7 - tall

Samobor

8 - tall to very tall

9 - very tall



**05 . 03 . Leaf: main colour (6) (G) \***

RHS Colour Chart (indicate reference number)	Please indicate preferably the RHS colour chart number, otherwise please tick the appropriate colour name
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1 - whitish	Springtime
2 - green	Catherine Deneuve
3 - purplish or brownish green	
4 - yellow green	Ann Folkard
5 - yellow	Blogold
6 - purple	
7 - brownish purple	Midnight Reiter
8 - brownish	Espresso
9 - reddish brown	
other colour (indicate which)	

**05 . 04 . Leaf: secondary colour (7) \***

1 - none	
2 - whitish	Jester's Jacket
3 - light green	Noorthava
4 - medium green	Springtime
5 - dark green	
6 - yellow green	Margaret Wilson
7 - grey green	
8 - yellow	Spring Fling
9 - pink	
10 - red	
11 - purple	
12 - brownish purple	
13 - brownish	Samobor
14 - reddish brown	Katherine Adele



**05 . 05 . Leaf: distribution of secondary colour (8)**

1 - on margin	
2 - marginal zone	Springtime
3 - central zone	Katherine Adele
4 - intermediate zone	Samobor
5 - at sinus	
6 - throughout	Jester's Jacket

**05 . 06 . Flower: attitude (23) (G) \***

1 - upwards	
2 - slightly outwards	Gerwat
3 - strongly outwards	Mdnightlyona
4 - downwards	

**05 . 07 . Flower: type (24) \***

1 - single	Gerwat
2 - double	Gemic

**05 . 08 . Flower: diameter (25) \***

1 - very small	
2 - very small to small	
3 - small	Melody
4 - small to medium	
5 - medium	Noorthava
6 - medium to large	
7 - large	Ivan
8 - large to very large	
9 - very large	Philippe Vapelle



**05 . 09 . Petal: main colour (32) (G) \***

RHS Colour Chart (indicate reference number)	Please indicate preferably the RHS colour chart number, otherwise please tick the appropriate colour name
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1 - white	Midnightlyona
2 - light pink	Purple Passion
3 - medium pink	Blushing Turtle
4 - dark pink	Noortjiras
5 - orange red	Noortjicor
6 - red purple	Catherine Deneuve
7 - purple	
8 - violet	Havana Blues
9 - blue	Gerwat
10 - reddish brown	Samobor

other colour (indicate which)

**05 . 10 . Petal: secondary colour (34) \***

RHS Colour Chart (indicate reference number)	Please indicate preferably the RHS colour chart number, otherwise please tick the appropriate colour name
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1 - white	Gerwat
2 - pink	Clos du Coudray
3 - red purple	
4 - violet	
5 - blue	Striatum
6 - purple black	Catherine Deneuve

other colour (indicate which)

**06 . Similar varieties and differences from these varieties**

Please note that information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing.

**06 . 01 . Are there any similar varieties known? \***

Yes

No



**06 . 02 . Similar varieties and differences from these varieties: \***

Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies)	Describe the expression of the characteristic(s) for your candidate variety

**07 . Additional information which may help to distinguish the variety \*****07 . 01 . Resistance to pests and diseases \***

Yes, specify

No

**07 . 02 . Special conditions for the examination of the variety \***

Yes, specify

No

**07 . 03 . In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety? \***

Yes, specify

No

**07 . 04 . Other information \***

Yes, specify

No

**07 . 05 . Photo \***

A representative colour photo of the variety must be **added** to the technical questionnaire.

**07 . 05.01 . Details of the picture(s)**

Place where the picture(s) was(ere) taken

Date of the picture(s) (month and year)

**07 . 05.02 . Attached picture(s) \***

Where appropriate, please provide additional details on the picture(s) provided (i.e. deviations of the colours on the picture compared to the plant/flower)



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**08 . GMD-information**

**08 . 01 . GMD-information required \***

The variety represents a Genetically Modified Organism within the meaning of Article 2(2) of Council Directive EC/2001/18 of 12/03/2001.

Yes

If yes, please attach in point 08.02 a copy of the written attestation of the responsible authorities stating that a technical examination of the variety under Articles 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

No

**08 . 02 . In case of GMD, joint attestation of the responsible authorities stating that a technical examination of the variety under Articles 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.**

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**09 . Information on plant material to be examined**

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. Consequently the plant material to be examined 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:

**09 . 01 . Micro-organisms (e.g. virus, bacteria, phytoplasma) \***

Yes, specify

No

**09 . 02 . Chemical treatment (e.g. growth retardant or pesticide) \***

Yes, specify

No

**09 . 03 . Tissue culture \***

Yes, specify

No

**09 . 04 . Other factors \***

Yes, specify

No



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## 10. Possible place of the technical examination

In case the CPVO needs to arrange a technical examination for this candidate variety, there might be more than one examination office entrusted by the CPVO suitable to grow your variety. In this case, the Office will decide on the place of the technical examination but you might wish to express here a preference in respect of an examination office. The available entrusted examination offices for that species can be found in the S3 Gazette under: <http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/entrusted-examination-offices>

You will also find in the S2 Gazette further information about submission of plant material and deadlines for numerous major species: <http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/submission-of-plant-material-s2-publication>

### 10. 01 . Country where the examination could take place

Country

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## Attached document(s)

The following forms or documents are attached to this application : please tick the relevant boxes

- Application form, confidential part (original only)
- Technical questionnaire (original only)
- Technical questionnaire, confidential part (original only)
- Form of designation of a procedural representative
- Documentary evidence of entitlement to file an application
- Priority claim (certified copy of the first application)
- Form "Details of payment"
- Photographs (in case of fruit and ornamental varieties)
- Copy of the relevant written release consent (for GMOs)
- Others, please specify

Remark



**DECLARATIONS \***

I/we hereby declare that to the best of my/our knowledge the information given in this form is complete and correct.

Place

Date

Name

Signature

