

Technical questionnaire

onion, echalion, shallot, grey shallot

CPVO/TQ-046/2

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

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

Allium cepa (Aggregatum Group)

Allium cepa (Cepa group)

Allium oschaninii O. Fedtsch.

Other (please specify)

02 . Application code:

For office use only

03 . Breeder's reference:

Breeder Ref.

04 . Information on the breeding scheme and propagation of the variety *

04 . 01 . Type of material *

(this question could be confidential)

hybrid

cross-pollinated variety

self-pollinated variety

parent line

04 . 02 . Method of propagation of the variety *

(this question could be confidential)

seed propagated

vegetatively propagated

04 . 03 . Other information on genetic origin and breeding method*(this question could be confidential)*

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: number of leaves per pseudostem (1) ***

1 - very few

2 - very few to few

3 - few SY300 (O)

4 - few to medium

5 - medium The Kelsae

6 - medium to many

7 - many Yellow Sweet Spanish (O)

8 - many to very many

9 - very many

05 . 02 . Foliage: intensity of green colour (4) *

1 - very light Bretor (S)

2 - very light to light

3 - light Guimar (O), Yellow Sweet Spanish (O), Tropix (S)

4 - light to medium

5 - medium Caribo (O), Texas Grano 502 (O), Golden Gourmet (S)

6 - medium to dark

7 - dark Hikeeper (O), La Reine (O), Santé (S)

8 - dark to very dark

9 - very dark



05 . 03.01 . Seed propagated varieties only: Bulb : Tendency to split into bulblets (with dry skin around each bulblet) (10)

1 - absent or very weak	Cuisse de Poulet du Poitou (O)
2 - very weak to weak	
3 - weak	
4 - weak to medium	
5 - medium	Santé (S)
6 - medium to strong	
7 - strong	Bonilla (S), Creation (S), Longor (S), Mikor (S)
8 - strong to very strong	
9 - very strong	Delvad (S), Rox (S), Tropix (S)

05 . 03.02 . Bulb : degree of splitting into bulblets (with dry skin around each bulblet) (11)

1 - absent or very weak	Cuisse de Poulet du Poitou (O)
2 - very weak to weak	
3 - weak	
4 - weak to medium	
5 - medium	Santé (S)
6 - medium to strong	
7 - strong	
8 - strong to very strong	
9 - very strong	Giselle (S)

05 . 04.01 . Onion varieties only: Bulb: size (12.1)

1 - very small	
2 - very small to small	
3 - small	
4 - small to medium	
5 - medium	Lagos
6 - medium to large	
7 - large	The Kelsae
8 - large to very large	
9 - very large	



05 . 04.02 . Shallot varieties only: Bulb: size (12.2)

1 - very small	
2 - very small to small	
3 - small	Atlas
4 - small to medium	
5 - medium	Spring Field, Topper
6 - medium to large	
7 - large	Delicato, Santé
8 - large to very large	
9 - very large	

05 . 05 . Bulb/Bulblet: general shape (in longitudinal section) (18) *

1 - elliptic	Owa (O), Longor (S)
2 - medium ovate	Birnförmige (O), Rossa lunga di Firenze (O), Breton (S)
3 - broad elliptic	Ailsa Craig (O), Beacon (O), Hiball (O), Vigarmor (S)
4 - circular	Lagos (O), Pikant (S)
5 - broad ovate	Hysam (O), Arvro (S)
6 - broad obovate	Lilia (O), Texas Grano 502 (O)
7 - rhombic	Zittauer gelbe (O)
8 - transverse medium elliptic	Sturka (O), Stuttgarter Riesen (O), Atlantic (S), Golden Gourmet (S)
9 - transverse narrow elliptic	Brunswijker (O), De Moissac (O), Paille des vertus (O), Pompei (O)

05 . 06 . Bulb/Bulblet: base colour of dry skin (23) *

1 - white	La Reine (O), Pompei (O)
2 - grey	Griselle (S)
3 - green	
4 - yellow	Zittauer gelbe (O), Creation (S), Golden Gourmet (S), Topper (S)
5 - brown	Valenciana Temprana (O), Delicato (S), Mirage (S), Mikor (S), Pikant (S)
6 - pink	Colorada de Figueras (O), Rox (S), Santé (S)
7 - red	Brunswijker (O), Red Baron (O)



05 . 07 . Bulb/Bulblet: hue of colour of dry skin (in addition to base colour) (25) *

1 - absent	Pompei (O)
2 - greyish	
3 - greenish	
4 - yellowish	Topper (S)
5 - brownish	Santé (S)
6 - pinkish	Delicato (S)
7 - reddish	Mikor (S), Mirage (S), Pikant (S)
8 - purplish	

05 . 08 . Bulb/Bulblet: number of growing points per kg (27) *

1 - very low	Barletta (O), Pompei (O)
2 - very low to low	
3 - low	Cuisse de Poulet du Poitou (O), Figaro (O), Owa (O)
4 - low to medium	
5 - medium	Longor (S), Mirage (S), Prisma (S)
6 - medium to high	
7 - high	Bonilla (S), Creation (S), Mikor (S)
8 - high to very high	
9 - very high	Griselle (GS), Rox (S), Tropix (S)

05 . 09 . Bulb/Bulblet: dry matter content (28) *

1 - very low	Exhibition (O)
2 - very low to low	
3 - low	Golden Bear (O), The Kelsae (O)
4 - low to medium	
5 - medium	Golden Gourmet (S), Topper (S)
6 - medium to high	
7 - high	Birnförmige (O), Zittauer gelbe (O), Creation (S), Longor (S)
8 - high to very high	
9 - very high	Griselle (S)



05 . 10 . Onion varieties only: Time of harvest maturity for autumn sown trials (foliage fall-over in 80% of plants) (33)

1 - very early	
2 - very early to early	
3 - early	La Reine, Sonic
4 - early to medium	
5 - medium	Buffalo , Imai Early Yellow , Valenciana Temprana
6 - medium to late	
7 - medium	Guimar , Senshyu Semi Globe Yellow , Shakespeare
8 - late to very late	
9 - very late	Valencia tardía

05 . 11.01 . Onion varieties only: Time of harvest maturity for spring sown trials (foliage fall-over in 80% of plants) (34.1)

1 - very early	
2 - very early to early	
3 - early	Buffalo , Golden Bear
4 - early to medium	
5 - medium	Piroska
6 - medium to late	
7 - late	Beacon
8 - late to very late	
9 - very late	

05 . 11.02 . Shallot varieties only: Time of harvest maturity (foliage fall-over in 80% of plants) (34.2)

1 - very early	
2 - very early to early	
3 - early	Ploumor, Rox
4 - early to medium	
5 - medium	Creation , Pikant
6 - medium to late	
7 - late	Golden Gourmet, Santé
8 - late to very late	
9 - very late	

05 . 12 . Male sterility (36) *

1 - absent or very weak	Rijnsburger 5 (O)
2 - weak	Hyduro (O), Creation (S)
3 - strong	Atlas (S)



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 . In addition to the information provided in sections 05 and 06, are there any additional characteristics which may help to distinguish the variety? *

Yes, specify

No

07 . 03 . Are there any special conditions for growing the variety or conducting the examination? ***07 . 03.01 . Day length conditions which favour full bulb development ***

short day

long day

07 . 03.02 . Suitability for storage *

none

short term

long term



07 . 03.03 . Are there any special conditions for growing the variety or conducting the examination? *

Yes, specify

No

07 . 04 . Other information *

Yes, specify

No

07 . 05 . Photo

It is recommended to provide a representative colour image of full grown plant(s) of the variety to accompany the Technical Questionnaire.

08 . GMO-information *

08 . 01 . GMO-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 GMO, 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.



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



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

Attached document(s)

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

Other confidential documents

Photo

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

