

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 species (please specify)

02 . Application code:

For office use only

03 . Breeder's reference:

Breeder's 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 (O)

6 - medium to many

7 - many Yellow Sweet Spanish (O)

8 - many to very many

9 - very many

05 . 01.01 . Foliage: waxiness (3) *

1 - absent or very weak

2 - very weak to weak

3 - weak Yellow Sweet Spanish (O)

4 - weak to medium

5 - medium Hikeeper (O), Golden Gourmet (S)

6 - medium to strong

7 - strong Calypso (O), Flevo (O), Santé (S)

8 - strong to very strong

9 - very strong



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) (G)

1 - absent or very weak	Cuisse de Poulet du Poitou (O), Lagos (O)
2 - very weak to weak	
3 - weak	
4 - weak to medium	
5 - medium	Mirage (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) (G) *

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: Bulblet: 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) (G) *

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) (G) *

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) (G) *

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 (S), Rox (S), Tropix (S)



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

1 - very low	Please indicate the dry matter content in percentage
2 - very low to low	Please indicate the dry matter content in percentage
3 - low	Please indicate the dry matter content in percentage
4 - low to medium	Please indicate the dry matter content in percentage
5 - medium	Please indicate the dry matter content in percentage
6 - medium to high	Please indicate the dry matter content in percentage
7 - high	Please indicate the dry matter content in percentage
8 - high to very high	Please indicate the dry matter content in percentage
9 - very high	Please indicate the dry matter content in percentage



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

1 - very early	Please indicate comparable variety(ies) of your choice
2 - very early to early	Please indicate comparable variety(ies) of your choice
3 - early	Please indicate comparable variety(ies) of your choice
4 - early to medium	Please indicate comparable variety(ies) of your choice
5 - medium	Please indicate comparable variety(ies) of your choice
6 - medium to late	Please indicate comparable variety(ies) of your choice
7 - late	Please indicate comparable variety(ies) of your choice
8 - late to very late	Please indicate comparable variety(ies) of your choice
9 - very late	Please indicate comparable variety(ies) of your choice



05 . 10.01 . Onion varieties only: Time of harvest maturity for spring sown trials (foliage fall-over in 80% of plants)
(34.1)

1 - very early	Please indicate comparable variety(ies) of your choice
2 - very early to early	Please indicate comparable variety(ies) of your choice
3 - early	Please indicate comparable variety(ies) of your choice
4 - early to medium	Please indicate comparable variety(ies) of your choice
5 - medium	Please indicate comparable variety(ies) of your choice
6 - medium to late	Please indicate comparable variety(ies) of your choice
7 - late	Please indicate comparable variety(ies) of your choice
8 - late to very late	Please indicate comparable variety(ies) of your choice
9 - very late	Please indicate comparable variety(ies) of your choice



05 . 10.02 . Shallot varieties only: Time of harvest maturity (foliage fall-over in 80% of plants) (34.2)

1 - very early	Please indicate comparable variety(ies) of your choice
2 - very early to early	Please indicate comparable variety(ies) of your choice
3 - early	Please indicate comparable variety(ies) of your choice
4 - early to medium	Please indicate comparable variety(ies) of your choice
5 - medium	Please indicate comparable variety(ies) of your choice
6 - medium to late	Please indicate comparable variety(ies) of your choice
7 - late	Please indicate comparable variety(ies) of your choice
8 - late to very late	Please indicate comparable variety(ies) of your choice
9 - very late	Please indicate comparable variety(ies) of your choice

05 . 10.03 . Time of sprouting during storage (35) *

1 - very early	
2 - very early to early	
3 - early	Golden Bear (O), The Kelsae (O)
4 - early to medium	
5 - medium	Hygro (O), Hyper (O)
6 - medium to late	
7 - late	Marion (O)
8 - late to very late	
9 - very late	



05 . 11 . Male sterility (36) (G) *

1 - absent or very weak Please indicate the percentage of male sterile plants

2 - weak Please indicate the percentage of male sterile plants

3 - strong Please indicate the percentage of male sterile plants

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 . 00 . Onion varieties only: Type**

onion set production

silverskin

normal sowing onion

overwintering

other

Please indicate type



07 . 01 . 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 . 02 . Are there any special conditions for growing the variety or conducting the examination? *

Yes, specify

No

07 . 03 . Resistances to pests and diseases *

Yes, specify

No

07 . 04 . Special conditions for testing the variety *

07 . 04.01 . Day length conditions which favour full bulb development *

short day

semi-short day

semi-long day

long day

07 . 05 . Other information *

Yes, specify

No

07 . 06 . Photo *

It is highly recommended to provide pictures. Otherwise, the organisation of the technical examination will be rendered less efficient, with the risk of an additional year of technical examination at the costs of the applicant.

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



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

