

Technical questionnaire

white lupin, blue lupin, yellow lupin

CPVO/TQ-066

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:

Lupinus albus L.

Lupinus angustifolius L.

Lupinus luteus L.

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 . Breeding scheme ****(this question could be confidential)*

seedling	Indicate parent varieties
mutation	Indicate parent variety
discovery	Indicate where, when and how the variety has been developed
other	Please specify

04 . 02 . Method of propagation of the variety *

cuttings	
in vitro propagation	
seed	
other	Please specify

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

self-pollination	
cross pollination	Please provide details
hybrid	Please provide details

05 . Characteristics of the variety to be indicated

(the number in brackets refers to the corresponding characteristic in the UPOV Technical Guidelines, please mark the state of expression which best corresponds).

05 . 01 . Grain: bitter principle (1) *

1 - absent	Nelly (Lal), Bordako (Lan), Borselfa (Llu)
9 - present	Feli (Lal), Azuro (Lan), Trebisa (Llu)



05 . 02 . Stem: anthocyanin coloration prior to bud emergence (4) *

1 - absent or very weak	Minori (Lal), Bolivio (Lan)
2 - very weak to weak	
3 - weak	Juno (Llu)
4 - weak to medium	
5 - medium	Nelly (Lal), Boltensia (Lan)
6 - medium to strong	
7 - strong	Sonet (Lan)
8 - strong to very strong	
9 - very strong	

05 . 03 . Time of flowering (5) *

Quote mean date of flowering of variety as well as of two well-known comparable varieties *

05 . 04 . Flower: colour of wing (9) *

1 - white	Minori (Lla)
2 - bluish white	Nelly (Lal)
3 - blue	Azuro (Lan)
4 - violet	Bordako (Lan)
5 - pink	Rubine (Lan)
6 - light yellow	Teo (Llu)
7 - dark yellow	Juno (Llu)

05 . 05 . Plant: growth type (11) *

1 - determinate	Borweta (Lan), Borselva (Llu)
2 - indeterminate	Nelly (Lal), Azuro (Lan), Juno (Llu)

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 of similar variety	Characteristic in which the similar variety is different	State of expression of similar variety	State of expression of 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? *

Yes, specify

No

07 . 04 . Other information *

Yes, specify

No

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

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

