



Technical questionnaire

lettuce

Version 26

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:

Lactuca sativa 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 . Type of material *

(this question could be confidential)

hybrid

cross-pollinated variety

self-pollinated variety

parent line

04 . 01.01 . Parental line use *

(this question could be confidential)

In many cases there is a link in morphological expression of characteristics between the parent line and its hybrids. Therefore, it is recommended to provide information about the identity of hybrid varieties where the parental line is used. This makes the organisation of the technical examination more efficient and lowers the risk of an additional year at the costs of the applicant. This information will be dealt with confidentially and only share with the examination office in charge of the technical examination.

Please indicate for the production of which hybrid
variety(ies) the parental line is used

*

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*(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 . Seed: colour (1) (G) ***

1 - white	Verpia
2 - yellow	Durango
3 - brown	Oaklin
4 - black	Kagraner Sommer 2

05 . 02 . Leaf: number of divisions (6) *

1 - absent or very few	Fiorella, Lollo rossa
2 - very few to few	
3 - few	Curletta, Rodagio
4 - few to medium	
5 - medium	Ezabel, Jadigon
6 - medium to many	
7 - many	Expedition, Multired 54
8 - many to very many	
9 - very many	Excite, Ezfrill, Telex

05 . 03 . Leaf: anthocyanin coloration (11) (G) *

1 - absent or very weak	Clarion
2 - very weak to weak	
3 - weak	Du bon jardinier
4 - weak to medium	
5 - medium	Lollo rossa, Luana
6 - medium to strong	
7 - strong	Merveille des quatre saisons
8 - strong to very strong	
9 - very strong	Iride, Revolution

05 . 04 . Leaf: hue of anthocyanin coloration (12)

1 - reddish	Lollo rossa
2 - purplish	Iride
3 - brownish	Luana, Maravilla de Verano

05 . 05 . Leaf: area covered by anthocyanin coloration (13) *

1 - very small	Steirer Krauthauptel
2 - very small to small	
3 - small	Diablo
4 - small to medium	
5 - medium	Luana
6 - medium to large	
7 - large	Merveille des quatre saisons
8 - large to very large	
9 - very large	Bijou, Revolution

05 . 06 . Leaf: colour (14) *

1 - green	Verpia
2 - yellowish green	Dorée de printemps
3 - greyish green	Celtuce, Du bon jardinier
not applicable	

05 . 07 . Leaf: intensity of green colour (15) *

1 - very light

2 - very light to light

3 - light

Blonde maraîchère, Lollo Bionda

4 - light to medium

5 - medium

Aquarel, Clarion

6 - medium to dark

7 - dark

Expedition, Verpia

8 - dark to very dark

9 - very dark

Pascal, Verdatrix

not applicable

05 . 08 . Time of harvest maturity (34)

1 - very early

Gotte jaune d'or

2 - very early to early

3 - early

Pantika, Sucrine

4 - early to medium

5 - medium

Clarion

6 - medium to late

7 - late

Blonde maraîchère, Calmar

8 - late to very late

9 - very late

El Toro, Pinokkio

05 . 09 . Time of beginning of bolting (35) (G) *

1 - very early	Blonde à couper améliorée Please indicate comparable variety(ies) of your choice
2 - very early to early	Please indicate comparable variety(ies) of your choice
3 - early	Gotte à gaine blanche Please indicate comparable variety(ies) of your choice
4 - early to medium	Please indicate comparable variety(ies) of your choice
5 - medium	Pantika Please indicate comparable variety(ies) of your choice
6 - medium to late	Please indicate comparable variety(ies) of your choice
7 - late	Hilde II Please indicate comparable variety(ies) of your choice
8 - late to very late	Please indicate comparable variety(ies) of your choice
9 - very late	Erika, Toscanas Please indicate comparable variety(ies) of your choice

05 . 10 . Resistance to *Bremia lactucae* (BI) isolate BI: 29EU (48) (G) *

1 - absent	Argelès
9 - present	Balesta

05 . 11 . Resistance to *Bremia lactucae* (BI) isolate BI: 30EU (49) *

1 - absent	Argelès, Colorado
9 - present	Balesta
not tested	

05 . 12 . Resistance to *Bremia lactucae* (BI) isolate BI: 31EU (50) *

1 - absent Colorado, RYZ910457

9 - present Argelès, Balesta

not tested

05 . 13 . Resistance to *Bremia lactucae* (BI) isolate BI: 33EU (51) *

1 - absent Kibrille, RYZ2164

9 - present RYZ910457

not tested

05 . 14 . Resistance to *Bremia lactucae* (BI) isolate BI: 35EU (52) *

1 - absent Design, Kibrille

9 - present Bartoli

not tested

05 . 15 . Resistance to *Bremia lactucae* (BI) isolate BI: 36EU *

1 - absent Bartoli, RYZ2164

9 - present Design, Kibrille

not tested

05 . 16 . Resistance to *Bremia lactucae* (BI) isolate BI: 38EU *

1 - absent Design, Kibrille

9 - present Bartoli

not tested

05 . 17 . Resistance to *Bremia lactucae* (BI) isolate BI: 39EU

*

1 - absent Bartoli, RYZ2164, Dandie

9 - present Design, Kibrille

not tested

05 . 18 . Resistance to *Bremia lactucae* (BI) isolate BI: 40EU

*

1 - absent Bartoli, RYZ2164

9 - present Kibrille

not tested

05 . 19 . Resistance to *Lettuce Mosaic Virus* (LMV) pathotype II (53) *

1 - absent Bijou, Hilde II, Sprinter, Sucrine

9 - present Capitan, Corsica

not tested

05 . 20 . Resistance to *Nasonovia ribisnigri* (Nr) biotype Nr: 0 (54) *

1 - absent Abel, Green Towers, Nadine

9 - present Barcelona, Bedford, Dynamite, Silvinas

not tested

05 . 21 . Resistance to *Fusarium oxysporum* f.sp. *lactucae* (Fol) race 1 (55) *

1 - susceptible Cobham Green, Patriot

2 - moderately resistant Affic, Fuzila, Natexis

3 - highly resistant Costa Rica No. 4, Romasol

not tested

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 . 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?

*

07 . 02.01 . Type of culture *

outdoor

indoor

07 . 02.02 . Growing season *

spring

summer

autumn

winter

07 . 02.03 . Are there any special conditions for growing the variety or conducting the examination?

*

Yes, specify

No

07 . 03 . Other information *

07 . 03.01 . Type *

Butterhead type

Novita type

Iceberg type

Batavia type

Frisée d'Amérique type

Lollo type

Oakleaf type

Multi-divided type

Frillice type

Cos type

Gem type

Stem type

07 . 03.02 . Other information *

Yes, specify

No

07 . 04 . 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

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