



Technical questionnaire

Lettuce

Version 25

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.

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: *

- 1 - hybrid
- 2 - cross-pollinated variety
- 3 - self-pollinated variety
- 4 - parent line

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

- 1 - seed propagated
- 2 - vegetatively propagated

04 . 03 . Seed propagated varieties: *

(this question could be confidential)

- 1 - cross-pollination
- 2 - hybrid
- 3 - other (please specify)

04 . 04 . Vegetative propagated varieties *

- 1 - cuttings
- 2 - in vitro propagation
- 3 - other (state method):

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 . Seed: colour (1) (G) *

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

05 . 01.01 . 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 . 02 . 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 . 02.01 . Leaf: hue of anthocyanin coloration (12)

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

05 . 02.02 . 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 . 02.03 . Leaf: colour (14) *

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

05 . 03 . Leaf: intensity of green colour (15) *

1 - very light	
2 - very light to light	
3 - light	Blonde maraichère, 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 . 03.01 . 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
not applicable	

05 . 04 . Time of beginning of bolting (35) (G) *

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

06 . Similar varieties and differences from these varieties

06 . 1 . Are there any similar variety(ies) known? *

1 - yes

2 - no

06 . 2 . 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 . 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 *

in glasshouse

in the open

other:

07 . 02.02 . Growing season *

spring

summer

autumn

winter

07 . 02.03 . Other special conditions required *

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 . Resistances to pests and diseases

The examination offices test the resistances based on the resistance test protocols listed in the CPVO-TP in force. In case the applicant does assess the resistance based on a different protocol than the one mentioned in the CPVO-TP, please be aware that this could lead to discrepancies between your declaration and the results obtained by the examination office. This may also have important consequences on the conduct of the DUS testing as well as trigger additional tests and fees. In addition, for some resistances an alternative DNA marker test exists. As the phenotype is always leading, the declaration in this Technical Questionnaire should not be based on such DNA marker test only.

07 . 03.02.01 . Resistance to *Bremia lactucae* (BI) isolate BI: 16EU (38) (G) *

absent
present

07 . 03.02.02 . Resistance to *Bremia lactucae* (BI) isolate BI: 17EU (39) *

absent
present
not tested

07 . 03.02.03 . Resistance to *Bremia lactucae* (BI) isolate BI: 20EU (40) *

absent
present
not tested

07 . 03.02.04 . Resistance to *Bremia lactucae* (BI) isolate BI: 21EU (41) *

absent
present
not tested

07 . 03.02.05 . Resistance to *Bremia lactucae* (BI) isolate BI: 22EU (42) *

absent
present
not tested

07 . 03.02.06 . Resistance to *Bremia lactucae* (BI) isolate BI: 23EU (43) *

absent

present

not tested

07 . 03.02.07 . Resistance to *Bremia lactucae* (BI) isolate BI: 24EU (44) *

absent

present

not tested

07 . 03.02.08 . Resistance to *Bremia lactucae* (BI) isolate BI: 25EU (45) *

absent

present

not tested

07 . 03.02.09 . Resistance to *Bremia lactucae* (BI) isolate BI: 26EU (46) *

absent

present

not tested

07 . 03.02.10 . Resistance to *Bremia lactucae* (BI) isolate BI: 27EU (47) *

absent

present

not tested

07 . 03.02.11 . Resistance to *Bremia lactucae* (BI) isolate BI: 29EU (48) (G) *

absent

present

07 . 03.02.12 . Resistance to *Bremia lactucae* (BI) isolate BI: 30EU (49) *

absent

present

not tested

07 . 03.02.13 . Resistance to *Bremia lactucae* (BI) isolate BI: 31EU (50) *

absent

present

not tested

07 . 03.02.14 . Resistance to *Bremia lactucae* (BI) isolate BI: 33EU (51) *

absent

present

07 . 03.02.15 . Resistance to *Bremia lactucae* (BI) isolate BI: 35EU (52) *

absent

present

07 . 03.02.16 . Resistance to *Bremia lactucae* (BI) isolate BI: 36EU (53) *

absent
present
not tested

07 . 03.02.17 . Resistance to *Lettuce Mosaic Virus* (LMV) pathotype II (54) *

absent
present

07 . 03.02.18 . Resistance to *Nasonovia ribisnigri* biotype Nr: 0 (55) *

absent
present

07 . 03.02.19 . Resistance to *Fusarium oxysporum* f.sp. *lactucae* (Fol) race 1 (56) *

susceptible
moderately resistant
highly resistant
not tested

07 . 03.02.20 . Other resistances to pests and diseases

Please specify

07 . 03.03 . Other information *

Yes, specify
No

07 . 04 . Photo

In case of cos, gem, Frisée d'Amerique, Lollo, oakleaf, multi-divided and Frillice type, 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 requested

08 . a . The variety represents a genetically modified organism (GMO) within the meaning of Article 2(2) of Council Directive EC/2001/18 of 12/03/2001 which requires authorization for release in the environment: *

1 - yes
2 - no

08 . b . If yes, has such authorization been obtained? *

1 - yes
2 - no

08 . c . If yes, please attach a copy of such an authorization *

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