

TECHNICAL QUESTIONNAIRE – LETTUCE

To be completed in connection with an application for plant variety rights

1. Species: Lettuce (*Lactuca sativa* L.)

2. Owner of Variety

Full name:

Address:

Breeder's name and address:
(If different from owner)

3. Proposed denomination:

Breeder's reference:

4. Information on the breeding scheme and propagation of the variety:

4.1 Breeding scheme: Variety resulting from -

Crossing:

Controlled cross *(Please state parent varieties)*

Partially known cross *(Please state known parent varieties)*

Unknown cross

Mutation *(Please state parent variety)*

Discovery and development *(Please state where and when discovered and how developed)*

Other *(Please provide details)*

4.2 Method of propagating the variety:

4.2.1 Seed-propagated varieties

Self-pollination

Other *(Please provide details)*4.2.2 Other *(Please provide details)*5. Characteristics of the variety *(Mark the state of expression which best corresponds)*

5.1 Seed: colour

white

1

yellow

2

brown

3

black

4

5.2 Leaf: anthocyanin colouration

absent or very weak

1

very weak to weak

2

weak

3

weak to medium

4

medium

5

medium to strong

6

strong

7

strong to very strong

8

very strong

9

5.3 Leaf: intensity of green colour

very light

1

very light to light

2

light

3

light to medium

4

medium

5

medium to dark

6

dark

7

dark to very dark

8

very dark

9

5.4 Time to beginning of bolting

very early

1

very early to early

2

early

3

early to medium

4

medium

5

medium to late

6

late

7

late to very late

8

very late

9

6. Similar varieties and differences from these varieties:

(Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the PVR Office to conduct its examination of distinctness in a more efficient way.)

Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) (e.g. plant diameter) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies) (e.g. medium).	Describe the expression of the characteristic(s) for your candidate variety (e.g. medium to large).
Comments:			

7. Additional information which may help in the examination of the variety:

7.1 In addition to the information provided in Sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes No

If yes, please provide details:

7.2 Are there any special conditions or requirements (media, soils, climate, greenhouse) for growing the variety or conducting the examination?

Yes No

If yes, please provide details:

7.3 Other information

Type	Example varieties	
Butterhead type	Clarion, Maikönig, Sartre	<input type="checkbox"/>
Novita type	Norvick	<input type="checkbox"/>
Iceberg type	Great Lakes 659, Roxette, Saladin, Vanguard 75	<input type="checkbox"/>
Batavia type	Aquarel, Curtis, Funnice, Felucca, Grand Rapids, Masaida, Visyon	<input type="checkbox"/>
Frisée d'Amérique type	Bijou, Blonde à couper amélioré	<input type="checkbox"/>
Lollo type	Lollo rossa, Revolution	<input type="checkbox"/>
Oakleaf type	Catalogna, Kipling, Muraï, Salad Bowl	<input type="checkbox"/>
Multi-divided type	Curletta, Duplex, Jadigon, Rodagio	<input type="checkbox"/>
Frillice type	Frilett	<input type="checkbox"/>
Cos type	Actarus, Blonde maraîchère, Pinokkio	<input type="checkbox"/>
Gem type	Craquerelle du Midi, Sucrine, Xanadu	<input type="checkbox"/>
Stem type	Celtuce, Guasihong	<input type="checkbox"/>

<u>Resistances</u>	Not tested	Absent	Present
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 16EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 17EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 20EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 21EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 22EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 23EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 24EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 25EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 26EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 27EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 29EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 30EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 31EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 33EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Bremia lactucae</i> (Bl) Isolate Bl: 35EU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Lettuce mosaic virus</i> (LMV) Pathotype II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to <i>Nasonovia ribisnigri</i> (Nr) Biotype Nr: 0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Resistance to *Fusarium oxysporum* f. sp. *lactucae* (Fol) Race 1

- not tested
 susceptible
 moderately resistant
 highly resistant

7.4 Imported seed:

Has the seed supplied with the application been imported?

Yes No

If yes, please include with this application a copy of the latest MAF Biosecurity Authority Clearance Certificate (BACC).

8. Authorisation for release:

8.1 Does the variety require prior authorisation for release under legislation concerning the protection of the environment, human and animal health?

Yes No

8.2 Has such authorisation been obtained?

Yes No

If the answer to b) is yes, please attach a copy of such an authorisation.

9. Information on plant material to be examined or submitted for examination

9.1 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.

9.2 The plant material 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:

a. Microorganisms (e.g. virus, bacteria, phytoplasma)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
b. Chemical treatment (e.g. growth retardant, pesticide)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
c. Tissue culture	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
d. Other factors	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

Please provide details for where you have indicated "yes":