



Technical questionnaire

Beetroot

Version 8

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:

Beta vulgaris Garden Beet Group (syn. *Beta vulgaris* L. var. *conditiva* Alef.)

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 CPVO Technical Protocol; please mark the state of expression which best corresponds).

05 . 01 . Germity (1) (G) *

1 - monogerm

2 - multigerm

05 . 02 . Leaf: length (including petiole) (5) *

1 - very short

2 - very short to short

3 - short

4 - short to medium

5 - medium

6 - medium to long

7 - long

8 - long to very long

9 - very long

05 . 03 . Leaf blade: shape (8) *

1 - very narrow elliptic

2 - very narrow elliptic to narrow elliptic

3 - narrow elliptic

4 - narrow elliptic to elliptic

5 - elliptic

6 - elliptic to broad elliptic

7 - broad elliptic

8 - broad elliptic to very broad elliptic

9 - very broad elliptic

05 . 04 . Leaf blade: colour (9) (G) *

1 - mainly green

2 - green and red

3 - mainly red

05 . 05 . Leaf blade: intensity of green colour (10) *

1 - very light

2 - very light to light

3 - light

4 - light to medium

5 - medium

6 - medium to dark

7 - dark

8 - dark to very dark

9 - very dark

05 . 06 . Root: shape in longitudinal section (17) (G) *

1 - transverse narrow elliptic

2 - transverse medium elliptic

3 - circular

4 - obovate

5 - narrow oblong

6 - very narrow obovate

05 . 07 . Root: length (18) *

1 - very short

2 - very short to short

3 - short

4 - short to medium

5 - medium

6 - medium to long

7 - long

8 - long to very long

9 - very long

05 . 08 . Root: external colour (23) (G) *

1 - white

2 - yellow

3 - reddish purple

05 . 09 . Root: main colour of flesh (24) *

1 - white

2 - yellow orange

3 - red

4 - purple

05 . 10 . Root: prominence of rings (26) *

1 - absent or very weak

2 - very weak to weak

3 - weak

4 - weak to medium

5 - medium

6 - medium to strong

7 - strong

8 - strong to very strong

9 - very strong

05 . 11 . Bolting tendency (from an early sowing) (27) (G) *

1 - absent or weak

2 - medium

3 - strong

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 . Resistances to pests and diseases ***

- 1 - yes (please specify):
- 2 - no

07 . 02 . Special conditions for the examination of the variety *

- 1 - yes (please specify):
- 2 - no

07 . 03 . Other information *

- 1 - yes (please specify):
- 2 - no

07 . 04 . Main use *

- 1 - (baby) leaf
- 2 - (baby) beet
- 3 - fresh market
- 4 - industry
- 5 - other (please specify)

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