

Technical questionnaire

Beta vulgaris L. ssp. *vulgaris* var. *flavescens* D.C.

Leaf beet, Swiss chard

Version 9 - Publication date: 12/06/2024

Mandatory fields or sections are marked with an asterisk (*)

04 . Information on the breeding scheme and propagation of the variety

04.01. Type of material *

- hybrid
- cross-pollinated variety
- self-pollinated variety
- parent line

04.01.01. Parental line use *

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 *

- seed propagated
- vegetatively propagated

04.03. Other information on genetic origin and breeding method

Please specify

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)

(2) 05.01. Leaf: length *

- 1 - very short

- 2 - very short to short
- 3 - short Groene Gewone, Verde de penca blanca ancha
- 4 - short to medium
- 5 - medium Blonde à carde blanche
- 6 - medium to long
- 7 - long Paros, Verte à carde blanche
- 8 - long to very long
- 9 - very long

(3) 05.02. Leaf: attitude *

- 1 - erect Paros
- 2 - erect to semi-erect
- 3 - semi-erect Blonde à carde blanche
- 4 - semi-erect to prostrate
- 5 - prostrate Groene Gewone

(4) 05.03. Leaf blade: length *

- 1 - very short
- 2 - very short to short
- 3 - short Amarilla de Lyon, Groene Gewone
- 4 - short to medium
- 5 - medium Verde de Niza
- 6 - medium to long
- 7 - long Blonde à carde blanche, Paros
- 8 - long to very long
- 9 - very long

(5) 05.04. Leaf blade: width *

- 1 - very narrow
- 2 - very narrow to narrow
- 3 - narrow Groene Gewone
- 4 - narrow to medium
- 5 - medium Paros



- 6 - medium to broad
- 7 - broad Verte à cardé blanche
- 8 - broad to very broad
- 9 - very broad

(6) (G) 05.05. Leaf blade: colour *

- 1 - green Groene Gewone, Rhubarb Chard
- 2 - purple Firebird, Mangenta

(7) (G) 05.06. Only varieties with Leaf blade: colour: green: Leaf blade: intensity of green colour *

- 1 - very light Amarilla de Lyon
- 2 - very light to light
- 3 - light Blonde à cardé blanche
- 4 - light to medium
- 5 - medium Groene Gewone, Verde de Niza
- 6 - medium to dark
- 7 - dark Verde de penca blanca ancha
- 8 - dark to very dark
- 9 - very dark Verde de penca blanca larga

(9) (G) 05.07. Only varieties with Leaf blade: colour: purple: Leaf blade: intensity of purple colour *

- 1 - light
- 2 - light to medium
- 3 - medium Mangenta
- 4 - medium to dark
- 5 - dark Firebird

(14) (G) 05.08. Petiole: width *

- 1 - very narrow Groene Gewone
- 2 - very narrow to narrow
- 3 - narrow Rhubarb Chard, Verde de Niza
- 4 - narrow to medium
- 5 - medium Lucullus, Verde de penca blanca larga
- 6 - medium to broad



- 7 - broad Amarilla de Lyon
- 8 - broad to very broad
- 9 - very broad Paros, Verde de penca blanca ancha

(16) (G) 05.09. Petiole: colour *

- 1 - white Blonde à carde blanche
- 2 - green Groene Gewone
- 3 - yellow Bright Yellow
- 4 - red Rhubarb Chard, Ruby Red
- 5 - purple Fantasy, Mangenta, Pink Passion

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. 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

07.05. Photo

It is highly recommended to provide a representative colour image of full grown plant(s) of the variety to accompany the Technical Questionnaire.

Documents to be attached

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.

Documents to be attached

