

Technical questionnaire

swede, rutabaga

CPVO/TQ-089/1

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:

Brassica napus L. var. *napobrassica* (L.) Rchb.

02 . Application code:

For office use only

03 . Breeder's reference:

Breeder 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 . 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 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 . Leaf: type (3) ***

- | | |
|------------|------------------------------|
| 1 - entire | Niko |
| 2 - lobed | Jaune à Collet Rouge, Magres |

05 . 02 . Root: predominant colour of skin above soil (12) *

- | | |
|--------------------|---|
| 1 - green | Jaune à Collet Vert, Melfort, Seefelder |
| 2 - bronze | Frise Gele, Harrietfield |
| 3 - reddish purple | Angus, Jaune à Collet Rouge, Kenmore |

05 . 03 . Root: anthocyanin coloration of skin above soil (13) *

- | | |
|-------------|-----------------------------------|
| 1 - absent | Seefelder |
| 9 - present | Jaune à Collet Rouge, Ruta Otofte |

05 . 04.01 . Only varieties with green or bronze skin colour: Root: intensity of anthocyanin coloration of skin above soil (14.1)

- | | |
|---------------------------|---------|
| 1 - very weak | |
| 2 - very weak to weak | |
| 3 - weak | Melfort |
| 4 - weak to medium | |
| 5 - medium | Angus |
| 6 - medium to strong | |
| 7 - strong | Kenmore |
| 8 - strong to very strong | |
| 9 - very strong | |



05 . 04.02 . Only varieties with reddish purple skin colour: Root: intensity of anthocyanin coloration of skin above soil (14.2)

1 - very weak	
2 - very weak to weak	
3 - weak	Champion
4 - weak to medium	
5 - medium	Doon Major
6 - medium to strong	
7 - strong	Ruby
8 - strong to very strong	
9 - very strong	

05 . 05 . Root: shape in longitudinal section (16) *

1 - transverse elliptic	Acme, Seefelder
2 - circular	Jaune à Collet Verte, Ruby
3 - obovate	Doon Major
4 - square	Kenmore
5 - oblong	Blanc Hors Terre

05 . 06 . Pseudostem: length (19) *

1 - very short	
2 - very short to short	
3 - short	Helena, Melfort
4 - short to medium	
5 - medium	Ruta Otofte, Sator Otofte
6 - medium to long	
7 - long	Vittoria
8 - long to very long	
9 - very long	

05 . 07 . Pseudostem: anthocyanin coloration between leaf scars (20) *

1 - absent or very weak	Melfort, Merrick, Seefelder
2 - entire	Champion, Magres

05 . 08 . Root: colour of flesh (21) *

1 - white	Blanc Hors Terre, Merrick
2 - yellow	Jaune à Collet Rouge, Magres

05 . 09 . Flower: production of pollen (23) *

1 - absent	Tweed
9 - present	Magres



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? ***07 . 02.01 . Main use ***

Agricultural - fodder

Vegetable - fresh

Vegetable - processing

Vegetable - other (please specify)

07 . 02.02 . Dry matter content (characteristic 27) *

low

medium

high



07 . 02.03 . Other information *

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

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



10 . Possible place of the technical examination

In case the CPVO needs to arrange a technical examination for this candidate variety, there might be more than one examination office entrusted by the CPVO suitable to grow your variety. In this case, the Office will decide on the place of the technical examination but you might wish to express here a preference in respect of an examination office. The available entrusted examination offices for that species can be found in the S3 Gazette under:<http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/entrusted-examination-offices>

You will also find in the S2 Gazette further information about submission of plant material and deadlines for numerous major species:<http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/submission-of-plant-material-s2-publication>

10 . 01 . Country where the examination could take place

Country

Attached document(s)

The following forms or documents are attached to this application : please tick the relevant boxes

Other confidential documents

Photo

Remark



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

