

Technical questionnaire

turnip

CPVO/TQ-037

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 rapa L. var. *rapa* L.

Other (please specify)

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 national guidelines; please mark the state of expression which best corresponds.)***05 . 01 . Ploidy ***

2 - diploid Milan White

4 - tetraploid Taronda

05 . 02 . Leaf: intensity of green colour *

1 - very light

2 - very light to light

3 - light Leielander

4 - light to medium

5 - medium Bency

6 - medium to dark

7 - dark Frisia

8 - dark to very dark

9 - very dark Aberdeen Green Top Yellow

05 . 03 . Leaf: type *

1 - entire Polybra

2 - lobed Samson

05 . 04 . Leaf: length *

1 - very short

2 - very short to short

3 - short Milan White Forcing

4 - short to medium

5 - medium Tokyo Cross

6 - medium to long

7 - long Tyfon

8 - long to very long

9 - very long



05 . 05 . Root: position in soil *

1 - very shallow	Milan White Forcing
2 - very shallow to shallow	
3 - shallow	Oasis
4 - shallow to medium	
5 - medium	Agressa
6 - medium to deep	
7 - deep	Noir long
8 - deep to very deep	
9 - very deep	Teltower Kleine

05 . 06 . Root: thick cork layer around skin *

1 - absent	Bency
9 - present	Noir long

05 . 07 . Root: colour of skin above soil *

1 - white	Tokyo Cross
2 - green	Leielander
3 - yellow	Topaz
4 - orange	Golden Ball
5 - bronze	Grandessa
6 - scarlet	Scarlet Ball
7 - reddish purple	Bency
8 - bluish purple	The Bruce

05 . 08 . Root: colour of skin below ground *

1 - white
2 - yellow
3 - red
4 - purple

05 . 09 . Root: colour of flesh *

1 - white	Agressa
2 - yellow	Teutonengold



05 . 10 . Root: shape in longitudinal section *

1 - transverse narrow elliptic	Platte Witte Mei
2 - transverse elliptic	Milan White
3 - circular	Rondo
4 - obovate	Alwi
5 - square	Champion Green Top Yellow
6 - broad oblong	Rekord
7 - narrow oblong	Long d'Alsace
8 - obtriangular	Sirius

05 . 11 . Root: length *

1 - very short	Milan White
2 - very short to short	
3 - short	The Wallace
4 - short to medium	
5 - medium	Dynamo
6 - medium to long	
7 - long	Taronda
8 - long to very long	
9 - very long	Alander

05 . 12 . Root: diameter (at widest point) *

1 - very small	
2 - very small to small	
3 - small	Hakutaka
4 - small to medium	
5 - medium	Rondo
6 - medium to large	
7 - large	Massif
8 - large to very large	
9 - very large	

05 . 13 . Root: position at widest point *

3 - above middle	Marteau
5 - at middle	Taronda
7 - below middle	Blanc dur d'hiver



05 . 14 . Root: shape of top *

1 - strongly indented	
3 - indented	Milan White Forcing
5 - flat	Milan White
7 - raised	Taronda
9 - strongly raised	Agressa

05 . 15 . Root: shape of base *

1 - indented	Milan White Forcing
3 - truncate	Milan White
5 - rounded	Frisia
7 - obtuse	Sirius
9 - pointed	Noir long

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? *

07 . 03.01 . Main use *

root vegetable

stubble or forage turnip

07 . 03.02 . Time of sowing *

spring

summer

winter

07 . 03.03 . 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

