



Technical questionnaire

Turnip

Version 9

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.

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 of the variety to be indicated*(the number in brackets refers to the corresponding characteristic in the UPOV Technical Guidelines, please mark the state of expression which best corresponds).***05 . 01 . Ploidy (1) (G) ***

2 - diploid Milan White

4 - tetraploid Taronda

05 . 02 . Leaf: green color (4) *

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

9 - very dark

05 . 03 . Leaf: type (5) (G) *

1 - entire Polybra

2 - lobed Samson

05 . 04 . Leaf: length (10) *

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 (16) *

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 (17) *

1 - absent	Bency
9 - present	Noir long

05 . 07 . Root: colour of skin above soil (18) (G) *

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 (20) *

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

05 . 09 . Root: colour of flesh (21) (G) *

1 - white	Agressa
2 - yellow	Teutonengold

05 . 10 . Root: shape in longitudinal section (24) (G) *

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 (25) *

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) (26) *

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 (27) *

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

05 . 14 . Root: shape of top (29) *

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 (30) *

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 . Special conditions for the examination of the variety *

07 . 02.01 . Main use *

root vegetable

stubble or forage turnip

07 . 02.02 . Time of sowing *

spring

summer

winter

07 . 03 . Other information *

Yes, specify

No

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.

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