

## Technical questionnaire

**Brassica oleracea L. convar. capitata (L.) Alef. var. rubra (L.) Thell.**

**Red Cabbage**

**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

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#### **04.02. Method of propagation of the variety \***

- seed propagated
- vegetatively propagated

#### **04.03. Other information on genetic origin and breeding method**

Please specify

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### **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).

#### **(1) 05.01. Plant: height \***

- 1 - very short

- 2 - very short to short
- 3 - short
- 4 - short to medium
- 5 - medium
- 6 - medium to tall
- 7 - tall
- 8 - tall to very tall

- 9 - very tall

**(3) 05.02. Plant: length of outer stem \***

- 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

**(5) 05.03. Outer leaf: size \***

- 1 - very small
- 2 - very small to small

- 3 - small
- 4 - small to medium

- 5 - medium



- 6 - medium to large
- 7 - large
- 8 - large to very large
- 9 - very large

**(8) 05.04. Outer leaf: degree of blistering \***

- 1 - absent or very weak
- 2 - moderate
- 3 - strong

**(11) (G) 05.05. Outer leaf: colour (with wax) \***

- 1 - yellow green
- 2 - green
- 3 - grey green
- 4 - blue green
- 5 - violet

**(12) 05.06. Outer leaf: intensity of colour \***

- 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

**(14) 05.07. Outer leaf: waxiness \***

- 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

**(17) (G) 05.08. Head: shape of longitudinal section \***

- 1 - transverse narrow elliptic
- 2 - transverse elliptic
- 3 - circular
- 4 - broad elliptic
- 5 - broad obovate
- 6 - broad ovate
- 7 - angular ovate

**(20) (G) 05.09. Head: diameter \***

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

**(30) (G) 05.10. Head: density \***

- 1 - very loose
- 2 - very loose to loose
- 3 - loose
- 4 - loose to medium
- 5 - medium
- 6 - medium to dense



- 7 - dense
- 8 - dense to very dense
- 9 - very dense

**(33) (G) 05.11. Time of harvest maturity \***

- 1 - very early
- 2 - very early to early
- 3 - early
- 4 - early to medium
- 5 - medium
- 6 - medium to late
- 7 - late
- 8 - late to very late
- 9 - very late

**(33) 05.11.01. Time of harvest maturity \***

Comparable with the variety: \*

**(35) (G) 05.12. Male sterility \***

- 1 - absent
- 9 - present
- CMS/other:

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**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. Resistance to pests and diseases \*

#### (36) 07.01.01. Resistance to *Fusarium oxysporum* f. sp. *conglutinans* race 1 (Foc) \*

- 1 - absent
- 2 - present
- not tested

#### 07.01.02. Other resistances \*

- 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

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## 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:**

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- 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 \***

Documents to be attached

