

## Technical questionnaire

*Brassica oleracea* L. convar. *botrytis* (L.) Alef. var. *cymosa* Duch.

**Broccoli**

**Version 9 - Publication date: 10/07/2024**

*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).

#### 05.00. Species \*

- 1 - Calabrese type

- 2 - Sprouting type

**(1) 05.01. Plant: height (at harvest maturity) \***

- 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

**(5) 05.02. Leaf: number of lobes \***

- 1 - absent or very few
- 2 - very few to few
- 3 - few
- 4 - few to medium
- 5 - medium
- 6 - medium to many
- 7 - many
- 8 - many to very many
- 9 - very many

**(6) 05.03. Leaf blade: colour \***

- 1 - green
- 2 - grey green
- 3 - blue green

**(7) 05.04. Leaf blade: 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

**(13) (G) 05.05. Only Calabrese type varieties: Head: level of main head in relation to plant height \***

- 1 - low
- 2 - medium
- 3 - high

**(16) 05.06. Only for Calabrese types: Head: shape in longitudinal section \***

- 1 - circular
- 2 - transverse broad elliptic
- 3 - transverse medium elliptic
- 4 - transverse narrow elliptic

**(17) (G) 05.07. Head: colour \***

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

**(18) 05.08. Head: 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

**(23) (G) 05.09. 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

**05.09.01. Time of harvest maturity (comparable variety) \***

Comparable with the variety: \*

**(24) (G) 05.10. Male sterility \***

- 1 - absent
- 9 - present

**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. Resistances to pests and diseases \***

- 1 - yes (please specify):

- 2 - no

**07.02. Special conditions for the examination of the variety \***

- 1 - yes (please specify):

- 2 - no

**07.02.01. Type of cultivation \***

- 1 - annual
- 2 - biennial

**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:**

\*

- 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

