Technical questionnaire

Palm Kale (*Brassica oleracea* L. - Palm Kale group/ *Brassica oleracea* L. var. *palmifolia* L.)
Tronchuda (*Brassica oleracea* L. - Tronchuda group (Portugese cabbage)/ *Brassica oleracea* L. var. *costata* DC.)

Palm Kale and Tronchuda

Version 8 - Publication date: 18/06/2024

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).

Breeder's ref.: undefined

(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: shape (fully developed plants) *

- ○ 1 - inverted pyramid
- ○ 2 - flat
- ○ 3 - dome
- ○ 4 - pyramid
- ○ 5 - column

(4) (G) 05.03. Plant: position of growing point *

- ○ 1 - lower part
- ○ 3 - middle part
- ○ 5 - upper part

(8) 05.04. Leaf: attitude *

- ○ 1 - erect
- ○ 3 - semi-erect
- ○ 5 - horizontal

(9) (G) 05.06. Leaf: color *

- ○ 1 - yellow green
- ○ 2 - light green
- ○ 3 - medium green
- ○ 4 - dark green
- ○ 5 - grey green
- ○ 6 - blue green

- ○ 7 - reddish green

(10) (G) 05.06. Leaf: distribution of anthocyanin coloration *

- ○ 1 - absent
- ○ 2 - partially present
- ○ 3 - entirely present

(11) 05.07. Leaf blade: length *

- ☐ 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

(12) 05.08. Leaf blade: width *

- ☐ 1 - very narrow
- ☐ 2 - very narrow to narrow
- ☐ 3 - narrow
- ☐ 4 - narrow to medium
- ☐ 5 - medium
- ☐ 6 - medium to broad
- ☐ 7 - broad
- ☐ 8 - broad to very broad
- ☐ 9 - very broad

(14) 05.09. Leaf blade: shape *

- ○ 1 - very narrow elliptic
- ○ 2 - very narrow elliptic to narrow elliptic
- ○ 3 - narrow elliptic
- ○ 4 - narrow elliptic to elliptic
- ○ 5 - elliptic

(19) (G) 05.10. Leaf blade: variegation *

- 1 - absent
- 2 - present

(27) 05.11. Head *

- 1 - absent
- 9 - present

(28) 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

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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

07.03. Other information *

- 1 - yes (please specify):
- 2 - no

07.04. Photo *

It is recommended to provide a representative colour image of the variety to accompany the Technical Questionnaire.

Documents to be attached

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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