

## Technical questionnaire

*Cucurbita pepo* L.

vegetable marrow, squash

Version 11 - 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 - copy

#### 04.01. Type of material - copy \*

- hybrid - copy
- cross-pollinated variety - copy
- self-pollinated variety - copy
- parental line - copy

#### 04.01.01. Parental line use - copy

In many cases there is a link in morphological expression of characteristics between the parental 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 shared with the examination office in charge of the technical examination. - copy

Please indicate for the production of which hybrid variety(ies) the parental line is used - copy

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

- seed propagated - copy
- vegetatively propagated - copy

Please specify - copy

#### 04.03. Other information on genetic origin and breeding method - copy

Please specify - copy

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### 05 . Characteristics of the variety to be indicated

(the number in brackets refers to the corresponding characteristic in the CPVO Technical Protocol; please mark the state of expression which best corresponds)

#### (G) 05.01. Fruit: type (as outlined in page 31 of the protocol) - copy \*

- 1 - Pumpkin - copy                      Halloween, Little Boo, Small Sugar - copy

- |  |   |
|--|---|
| <input type="radio"/> 2 - Miniature pumpkin - copy | Jack Be Little - copy                                   |
| <input type="radio"/> 3 - Scallop - copy           | Patty Pan, Scallopini - copy                            |
| <input type="radio"/> 4 - Acorn - copy             | Table Queen - copy                                      |
| <input type="radio"/> 5 - Neck - copy              | Early Prolific Straightneck, Yellow Crookneck - copy    |
| <input type="radio"/> 6 - Zucchini - copy          | Ambassador, Beirut, Clarita, Elite, Ibis, Romano - copy |
| <input type="radio"/> 7 - Rounded Zucchini - copy  | De Nice à fruit rond, Redondo - copy                    |
| <input type="radio"/> 8 - Delicata - copy          | Delicata - copy   |
| <input type="radio"/> 9 - Spaghetti Squash - copy  | Pasta, Vegetable Spaghetti - copy                       |
| <input type="radio"/> 10 - Rondini - copy          | Little Gem - copy                                       |
| <input type="radio"/> 11 - Ölkürbis - copy         | Markant - copy  |
| <input type="radio"/> 12 - other - copy            |   |



**(4) (G) 05.02. Plant: growth habit - copy \***

- |  |                                      |
|--|--------------------------------------|
| <input type="radio"/> 1 - bush - copy          | Greyzini - copy                      |
| <input type="radio"/> 2 - semi-trailing - copy | Cinderella, Everest, Twickers - copy |
| <input type="radio"/> 3 - trailing - copy      | Becky, Long Green Trailing - copy    |

**(5) (G) 05.03. Plant: branching - copy \***

- |  |                         |
|--|-------------------------|
| <input type="radio"/> 1 - absent - copy  | Goldi - copy            |
| <input type="radio"/> 9 - present - copy | Patty Green Tint - copy |

**(8) 05.03.01. Stem: colour - copy**

- |   |                    |
|---|--------------------|
| <input type="radio"/> 1 - completely green - copy               | Becky - copy       |
| <input type="radio"/> 2 - partly green and partly yellow - copy | Autumn Gold - copy |

**(9) 05.03.02. Stem: intensity of green colour - copy**

- |  |                   |
|--|-------------------|
| <input type="radio"/> 1 - very light - copy          | Maayan - copy     |
| <input type="radio"/> 2 - very light to light - copy |                   |
| <input type="radio"/> 3 - light - copy               | Bianchini - copy  |
| <input type="radio"/> 4 - light to medium - copy     |                   |
| <input type="radio"/> 5 - medium - copy              | Cinderella - copy |
| <input type="radio"/> 6 - medium to dark - copy      |                   |



- 7 - dark - copy                      Greyzini - copy
- 8 - dark to very dark - copy
- 9 - very dark - copy                      Goldrush - copy

**(13) (G) 05.04. Leaf blade: incisions - copy \***

- 1 - absent or very shallow - copy      Scallopini - copy
- 2 - very shallow to shallow - copy
- 3 - shallow - copy                      Everest - copy
- 4 - shallow to medium - copy
- 5 - medium - copy                      Jackpot - copy
- 6 - medium to deep - copy
- 7 - deep - copy                      Civac - copy
- 8 - deep to very deep - copy
- 9 - very deep - copy                      Isotta - copy

**(15) (G) 05.05. Leaf blade: silvery patches - copy \***

- 1 - absent - copy                      Black Forest, Scallopini - copy
- 9 - present - copy                      Civac - copy

**(16) (G) 05.06. Leaf blade: relative area covered by silvery patches - copy \***

- 1 - very small - copy                      Albo - copy
- 2 - very small to small - copy
- 3 - small - copy                      Aziz - copy
- 4 - small to medium - copy
- 5 - medium - copy                      Ambassador - copy
- 6 - medium to large - copy
- 7 - large - copy                      Cora - copy
- 8 - large to very large - copy
- 9 - very large - copy                      Summerstar - copy

**(17) 05.06.01. Petiole: length - copy**

- 1 - very short - copy
- 2 - very short to short - copy
- 3 - short - copy                      Jack be Little, Karioka - copy



- 4 - short to medium - copy
- 5 - medium - copy Goldi - copy
- 6 - medium to long - copy
- 7 - long - copy Autumn Gold, Baikal - copy
- 8 - long to very long - copy
- 9 - very long - copy

**(27) 05.06.02. Young fruit: main colour of skin (excluding colour of ribs or grooves) - copy \***

- 1 - white - copy White Bush Scallop - copy
- 2 - cream - copy Tivoli - copy
- 3 - yellow - copy Goldi - copy
- 4 - green - copy Elite, Opal, Romano - copy
- 5 - partly white and partly yellow - copy
- 6 - partly white and partly green - copy
- 7 - partly yellow and partly green - Sunburst, Zephyr - copy  
copy

**(29) 05.06.03. Only varieties with green colour of skin: Young fruit: intensity of green colour of skin (as for 27) - copy \***

- 1 - very light - copy Clarita, Goya, Patty Green Tint - copy
- 2 - very light to light - copy
- 3 - light - copy Arika - copy
- 4 - light to medium - copy
- 5 - medium - copy Baccara - copy
- 6 - medium to dark - copy
- 7 - dark - copy Arlesa, Sandra, Zefira - copy
- 8 - dark to very dark - copy
- 9 - very dark - copy Carnaval, Corsair - copy

**(30) (G) 05.07. Fruit: general shape - copy \***

- 1 - disc shaped - copy
- 2 - transverse elliptical - copy
- 3 - transverse broad elliptical - copy



- 4 - globular - copy
- 5 - top shaped - copy
- 6 - broad elliptical - copy
- 7 - ovate - copy
- 8 - elliptical - copy
- 9 - cylindrical - copy
- 10 - pear-shaped - copy
- 11 - bottle shaped - copy
- 12 - club-shaped - copy

**(50) (G) 05.08. Fruit: main colour of skin (excluding colour of dots, patches, stripes and bands) - copy \***

- 1 - white - copy                      Pâtisson blanc panaché de vert - copy
- 2 - cream - copy                      Early White Bush Scallop, Little Boo - copy
- 3 - yellow - copy                      Autumn Gold - copy
- 4 - green - copy                      Ambassador, Baby Bear - copy
- 5 - partly white and partly yellow - copy
- 6 - partly white and partly green - copy
- 7 - partly yellow and partly green - Sunburst, Zephyr - copy  
copy

**(51) 05.09. Only varieties with yellow colour skin: Fruit: intensity of yellow colour of skin (excluding colour of dots, patches, stripes and bands) - copy**

- 1 - very light - copy
- 2 - very light to light - copy
- 3 - light - copy
- 4 - light to medium - copy
- 5 - medium - copy
- 6 - medium to dark - copy
- 7 - dark - copy
- 8 - dark to very dark - copy
- 9 - very dark - copy



**(52) 05.10. Only varieties with green colour of skin: Fruit: intensity of green colour of skin (excluding colour of dots, patches, stripes and bands) - copy**

- 1 - very light - copy
- 2 - very light to light - copy
- 3 - light - copy
- 4 - light to medium - copy
- 5 - medium - copy
- 6 - medium to dark - copy
- 7 - dark - copy                      Cora - copy
- 8 - dark to very dark - copy
- 9 - very dark - copy                      Baby Bear, Sardane - copy

**(59) 05.10.01. Fruit: secondary green colour between ribs (excluding dots) - copy \***

- 1 - absent - copy                      Grey Zucchini, Small Sugar - copy
- 9 - present - copy                      Beatrice, Greyzini, Heart of Gold, Steierischer Ölkürbis, Tonda Padana, Zubi - copy

**(61) 05.10.02. Fruit: distribution of secondary green colour between ribs - copy \***

- 1 - sparse patches - copy                      Elite, Greyzini - copy
- 2 - dense patches - copy                      Steierischer Ölkürbis - copy
- 3 - one coloured stripes - copy                      Altea - copy
- 4 - two coloured stripes - copy
- 5 - one coloured bands covering the whole surface - copy                      Badger Cross, Twickers, Zubi - copy
- 6 - two coloured bands covering the whole surface - copy                      Beatrice - copy

**(69) 05.11. Ripe fruit: main colour of skin (excluding colour of mottles, patches, stripes and bands) - copy**

\*

- 1 - white - copy                      Pâtisson blanc panaché de vert - copy
- 2 - whitish - copy                      White Bush Scallop - copy
- 3 - cream - copy                      Bianchini, Opal - copy
- 4 - yellow - copy                      Goldrush - copy
- 5 - orange - copy                      Autumn Gold - copy



**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****07.00. If Zucchini type: Fruit: patches, stripes or bands in ripe stage - copy**

- 1 - absent - copy                      Ambassador, Black Jack - copy
- 9 - present - copy                      Elite, Greyzini - copy

**07.01. In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety? - copy \***

- Yes, specify - copy

- No - copy

**07.02. Are there any special conditions for growing the variety or conducting the examination? - copy \***

- Yes, specify - copy

- No - copy

**07.03. Other information - copy \***

- Yes, specify - copy

- No - copy



#### 07.04. Photo - copy

It is highly recommended to provide pictures. Otherwise, the organisation of the technical examination will be rendered less efficient, with the risk of an additional year of technical examination at the costs of the applicant.

- copy

Documents to be attached

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#### 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.

Documents to be attached

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#### 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

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**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

