

Technical questionnaire

Citrullus lanatus (Thunb.) Matsum. et Nakai

Watermelon

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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

*

04.02. Method of propagation of the variety *

- seed propagated
- vegetatively propagated

04.03. Other information on genetic origin and breeding method

Please specify

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)

(1) (G) 05.01. Plant: ploidy *

- 2 - diploid

SP 4, Sugar Baby, Yamato 3

- 3 - triploid Boston, TRIX 313
- 4 - tetraploid

(8) 05.01.01. Leaf blade: degree of lobing*

- 1 - absent or very weak Sunshade
- 2 - very weak to weak
- 3 - weak Estrella, Karistan
- 4 - weak to medium
- 5 - medium Crimson Sweet, Crisby
- 6 - medium to strong
- 7 - strong Cadanz
- 8 - strong to very strong
- 9 - very strong SP 1

(11) (G) 05.02. Fruit: weight*

- 1 - very low Please indicate weight in kg
- 2 - very low to low Please indicate weight in kg
- 3 - low Please indicate weight in kg
- 4 - low to medium Please indicate weight in kg
- 5 - medium Please indicate weight in kg



- 6 - medium to high

Please indicate weight in kg

- 7 - high

Please indicate weight in kg

- 8 - high to very high

Please indicate weight in kg

- 9 - very high

Please indicate weight in kg

(12) (G) 05.03. Fruit: shape in longitudinal section *

- 1 - circular

Please indicate the ratio length/width of fruit

- 2 - broad elliptic

Please indicate the ratio length/width of fruit

- 3 - medium elliptic

Please indicate the ratio length/width of fruit

- 4 - narrow elliptic

Please indicate the ratio length/width of fruit

(16) (G) 05.04. Fruit: ground colour of skin *

- 1 - yellow

Taiyô

- 2 - very light green

Ipanema



- 3 - very light green to light green Napsugár
- 4 - light green Tigre
- 5 - light green to medium green Pepsin
- 6 - medium green Ovation, Talete
- 7 - medium green to dark green Odem, Resistant, Sweet Marvel
- 8 - dark green Sugar Baby
- 9 - dark green to very dark green Augusta, Rocio
- 10 - very dark green

(18) 05.04.01. Fruit: pattern of stripes *

- 1 - only one coloured Congo
- 2 - one coloured and veins Trix Palomar
- 3 - one coloured, veins and marbled Boston
- 4 - one coloured and marbled Jenny
- 5 - two coloured, veins and marbled Crisby
- 6 - only veins

(19) (G) 05.05. Fruit: width of stripes *

- 1 - very narrow SP 4, Tiny Orchid
- 2 - very narrow to narrow
- 3 - narrow Boston
- 4 - narrow to medium
- 5 - medium Crimson Sweet
- 6 - medium to broad
- 7 - broad Sangria
- 8 - broad to very broad
- 9 - very broad All Sweet

(20) 05.05.01. Fruit: main colour of stripes *

- 1 - yellow
- 2 - very light green
- 3 - light green



- 4 - medium green
- 5 - dark green
- 6 - very dark green

(21) 05.05.02. Fruit: conspicuousness of stripes

- 1 - inconspicuous or very weakly conspicuous Augusta
- 2 - weak Odem
- 3 - medium Trix Palomar
- 4 - strong Jenny
- 5 - very strong À graine rouge à confire à chair verte

(22) (G) 05.06. Fruit: margin of stripes *

- 1 - diffuse Crimson Glory, Crisby
- 2 - medium Crimson Sweet
- 3 - sharp Jenny, Jubilee

(28) (G) 05.07. Fruit: main colour of flesh *

- 1 - white SP 4, SP 1, Yamato Cream 3
- 2 - yellow Napsugár, Yamato Cream 1
- 3 - orange Kahô, Tendersweet
- 4 - pink Sadul
- 5 - pinkish red Bingo, Crimson Sweet
- 6 - red Asahi Miyako Hybrid, Sugar Baby, Topgun
- 7 - dark red Dixie Lee

(29) 05.07.01. Only triploid varieties: Seed coat: size *

- 2 - small Petite Perfection
- 3 - medium Boston, Sweet Sun, Valdoria
- 4 - large Ortal, Pasion, Tigre

(31) (G) 05.08. Only diploid and tetraploid varieties: Seed: length *

- 1 - very short Kudam
- 2 - very short to short
- 3 - short Panonnia, Tabata



- 4 - short to medium
- 5 - medium Sugar Baby
- 6 - medium to long
- 7 - long Charleston Gray, Kurobe
- 8 - long to very long
- 9 - very long Malali, Wanli

(33) (G) 05.09. Only diploid and tetraploid varieties: Seed: ground colour of testa *

- 1 - white Sanpaku
- 2 - cream Kurobe
- 3 - green À confire allongée à graine verte, Green Citron
- 4 - red À graine rouge à confire à chair verte, Red Citron
- 5 - red brown Kahô
- 6 - brown Otome, Sugar Baby
- 7 - black Yamato Cream

(36) 05.10. Time of female flowering (50% of plants with at least one female flower) *

- 1 - very early Please indicate comparable variety(ies) of your choice

- 2 - very early to early Please indicate comparable variety(ies) of your choice

- 3 - early Please indicate comparable variety(ies) of your choice

- 4 - early to medium Please indicate comparable variety(ies) of your choice



5 - medium

Please indicate comparable variety(ies) of your choice

6 - medium to late

Please indicate comparable variety(ies) of your choice

7 - late

Please indicate comparable variety(ies) of your choice

8 - late to very late

Please indicate comparable variety(ies) of your choice

9 - very late

Please indicate comparable variety(ies) of your choice

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



Yes, specify

No

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

Yes, specify

No

07.03. Other information *

07.03.01. Resistance to pests and diseases *

The examination offices test the resistances based on the resistance test protocols listed in the CPVO-TP in force. In case the applicant does assess the resistance based on a different protocol than the one mentioned in the CPVO-TP, please be aware that this could lead to discrepancies between your declaration and the results obtained by the examination office. This may also have important consequences on the conduct of the DUS testing as well as trigger additional tests and fees. In addition, for some resistances an alternative DNA marker test exists. As the phenotype is always leading, the declaration in this Technical Questionnaire should not be based on such DNA marker test only.

07.03.01.01. Resistance to *Fusarium oxysporum* f.sp. *niveum* - Race 0 *

absent

present

not tested

07.03.01.02. Resistance to *Fusarium oxysporum* f.sp. *niveum* - Race 1 *

absent

present

not tested

07.03.01.03. Resistance to *Fusarium oxysporum* f.sp. *niveum* - Race 2 *

absent

present

not tested

07.03.01.04. Resistance to *Colletotrichum orbiculare* Race 1 *

absent

present

not tested



07.03.01.05. Other resistances to pests and diseases *

Yes, specify

No

07.03.02. Other information *

Yes, specify

No

07.04. Photo

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.

Documents to be attached

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

