

Technical questionnaire

Sweet pepperHot pepperPaprikaChili

Version 12

Mandatory fields or sections are marked with an asterisk (*)

01 . Botanical taxon: name of the genus, species or sub-species to which the variety belongs:

Capsicum annuum L.

Capsicum baccatum L.

Capsicum chinense Jacq.

Capsicum frutescens L.

Capsicum pubescens Ruiz & Pav.

02 . Application code:

For office use only

03 . Breeder's reference

Breeder's Ref.

04 . Information on the breeding scheme and propagation of the variety *

04 . 01 . Type of material *

(this question could be confidential)

1 - hybrid

2 - cross-pollinated variety

3 - self-pollinated variety

4 - parent line

04 . 02 . Method of propagation of the variety *

(this question could be confidential)

seed propagated

vegetatively propagated

04 . 03 . Other information on genetic origin and breeding method*(this question could be confidential)*

Please specify

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 . 01 . Seedling: anthocyanin coloration of hypocotyl (1) (G) ***

- | | |
|-------------|-------------------|
| 1 - absent | Albaregia, Albena |
| 9 - present | Lamuyo |

05 . 02 . Plant: shortened internode (in upper part) (3) (G) *

- | | |
|----------------------------|-----------------------------------|
| 1 - absent (indeterminate) | California wonder, De Cayenne |
| 9 - present (determinate) | Fehér, Kalocsai 601, Kalocsai 702 |

05 . 02.01 . Plant: height (9) *

- 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

05 . 02.01.01 . Leaf blade: blistering (15) *

- 1 - 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

05 . 02.02 . Flower: anthocyanin coloration in anther (19) *

- 1 - absent
- 9 - present

05 . 03 . Fruit: colour (before maturity) (20) (G) *

| | |
|--------------------|---------------------------|
| 1 - greenish white | Blanc d'Espagne |
| 2 - yellow | Fehér, Sweet banana |
| 3 - green | California wonder, Lamuyo |
| 4 - purple | Nigra |

05 . 03.01 . Fruit: intensity of colour (before maturity) (21) *

- 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

05 . 03.02 . Fruit: length (24) *

- 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

05 . 03.02.01 . Fruit: length *

Please indicate the number of centimeters: *

05 . 03.03 . Fruit: diameter (25) *

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

05 . 03.03.01 . Fruit: diameter *

Please indicate the number of centimeters: *

05 . 04 . Fruit: shape in longitudinal section (27) (G) *

| | |
|---------------------------|---|
| 1 - oblate | Liebesapfel, PAZ szentesi, Topepo rosso |
| 2 - circular | Cherry Sweet |
| 3 - cordate | Daniel |
| 4 - square | Delphin, Yolo Wonder |
| 5 - rectangular | Clovis, Nocera rosso |
| 6 - trapezoidal | Delta, Piperade |
| 7 - moderately triangular | Fehér, Marconi |
| 8 - narrowly triangular | De Cayenne, Demon |
| 9 - horn shaped | Tauro |

05 . 04.01 . Fruit: situation of pericarp excluding basal part (30) (G) *

- 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

05 . 05 . Fruit: colour at maturity (32) (G) *

| | |
|------------|--------------------------|
| 1 - yellow | Golden calwonder, Heldor |
| 2 - orange | Ariane |
| 3 - red | Fehér, Lamuyo |
| 4 - brown | Brupa, Negral |
| 5 - green | Green6203 |

05 . 05.01 . Fruit: intensity of colour (at maturity) (33) *

- 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

05 . 06 . Fruit: number of locules (39) (G) *

| | |
|---------------------------------|---------------------|
| 1 - predominantly two | De Cayenne |
| 2 - equally two and three | Fehér |
| 3 - predominantly three | Century |
| 4 - equally three and four | Lamuyo, Sonar |
| 5 - predominantly four and more | Palio, Paz Szentesi |

05 . 07 . Fruit: capsaicin in placenta (44) (G) *

| | |
|-------------|------------|
| 1 - absent | Sonar |
| 9 - present | De Cayenne |

05 . 07.01 . Time of maturity (46) *

| |
|-------------------------|
| 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 . 07.01.01 . Time of maturity *

Comparable with the variety: *

05 . 08 . Resistance to *Tobacco mosaic virus* Pathotype 0 (TMV:0) (47.1) (G) *

| | |
|-------------|-------------------------------|
| 1 - absent | Lamu, Pepita, Piquillo |
| 9 - present | Fehérözön, Turia, Yolo Wonder |

05 . 09 . Resistance to *Pepper mild mottle virus* Pathotype 1-2 (PMMoV: 1-2) (47.2) (G) *

| | |
|-------------|-------------------------------------|
| 1 - absent | Fehérözön, Lamu, Turia, Yolo Wonder |
| 9 - present | Candela, Ferrari, Novi 3 |

05 . 10 . Resistance to *Pepper mild mottle virus* Pathotype 1-2-3 (PMMoV:1-2-3) (47.3) (G) *

| | |
|-------------|-------------------------------|
| 1 - absent | Candela, Ferrari, Yolo Wonder |
| 9 - present | Bisonte, Friendly, Tom 4 |

05 . 11 . Resistance to *Potato Y Virus* (PVY) Pathotype 0 (48.1) (G) *

| | |
|-------------|--------------------------------|
| 1 - absent | Ferrari, Piquillo, Yolo Wonder |
| 9 - present | Andalus, Vidi, Ylolo Y |

05 . 12 . Resistance to *Tomato spotted wilt virus* (TSWV) race P0 (51) (G) *

| |
|-------------|
| 1 - absent |
| 9 - present |

06 . Similar varieties and differences from these varieties

Please note that the information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing.

06 . 01 . Are there any similar variety(ies) known? *

Yes

No

06 . 02 . 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 *****07 . 01.01 . Resistance to *Tobamovirus (Tobacco Mosaic Virus)* (TMV) pathotype P1 ***

absent

present

not tested

07 . 01.02 . Resistance to *Potato Y virus* (PVY) Pathotype 1 (PVY:1) (48.2) *

not tested

1 - absent

9 - present

07 . 01.03 . Resistance to *Potato Y virus* (PVY) Pathotype 1-2 (PVY:1-2) (48.3) *

not tested

1 - absent

9 - present

07 . 01.04 . Resistance to *Phytophthora capsici* (Pc) (49) *

not tested

1 - absent

9 - present

07 . 01.05 . Resistance to *Cucumber Mosaic Virus* (CMV) (50) *

not tested

1 - absent

9 - present

07 . 01.06 . Resistance to *Xanthomonas campestris* pv. *vesicatoria* (Xcv) (52) *

not tested

1 - absent

9 - present

07 . 01.07 . Other resistances to pests and diseases (fill none if you are not concerned) *

Please specify *

07 . 02 . Special conditions for the examination of the variety *

07 . 02.01 . Type of culture *

1 - in glasshouse

2 - in the open

3 - in the open and in glasshouse

07 . 02.02 . Usage *

1 - fresh market

2 - canning

3 - powder

07 . 02.03 . Type *

1 - Tomato pepper

2 - Cherry

3 - Blocky pepper

4 - Lamuyo

5 - Hungarian

6 - Kapia

7 - Jalapeño

8 - Sweet bite

9 - Carliston

10 - Sivri

11 - Cayenne

12 - Chili pepper

13 - Corno di Toro

14 - Doux Italien

15 - other (please specify)

07 . 02.04 . Growing region *

Growing region *

07 . 03 . Other information: *

1 - yes (please specify):

2 - no

07 . 04 . Photo

It is recommended to provide a representative colour image of full grown plant(s) of the variety to accompany the Technical Questionnaire.

DECLARATIONS *

I/we hereby declare that to the best of my/our knowledge the information given in this form is complete and correct.

Place

Date

Name

Signature