

## Technical questionnaire

**peach, nectarine**

**CPVO/TQ-053/2-Rev**

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

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

*Prunus persica* (L.) Batsch

*(Prunus persica* × *Prunus davidiana*) × *Prunus* × *amygdalopersica* (Weston) Rehder

*Prunus amygdalus* Batsch × *P. persica* Batsch

*Prunus cerasifera* Ehrh. × *P. persica* (L.) Batsch

*Prunus davidiana* L. × *P. persica* Batsch

*Prunus domestica* L. × *P. persica* Batsch

Other (please specify)

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**02 . Application code:**

For office use only

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**03 . Breeder's reference:**

Breeder's Ref.

**04 . Information on the breeding scheme and propagation of the variety****04 . 01 . Breeding scheme \****(this question could be confidential)*

crossing

mutation

discovery

Please state where and when discovered and how the variety has been developed

other origin

Please provide details

**04 . 01.01 . Crossing \****(this question could be confidential)*

controlled cross

Indicate denomination and species of the parent varieties

partially known cross

Indicate denomination and species of the known parent variety(ies)

unknown cross

**04 . 01.02 . In case of mutation, please fill in the table below: \****(this question could be confidential)*

Denomination of the parent variety	Characteristic(s) in which your candidate variety differs from the parent variety	Describe the expression of the characteristic(s) for the parent variety	Describe the expression of the characteristic(s) for your candidate variety

**04 . 02 . Method of propagation of the variety \***

vegetatively propagated

Please specify the method

seed propagated



**04 . 03 . In the case of seed propagated varieties, method of production:**

self-pollination

cross pollination

hybrid

other method

Please specify

**04 . 04 . Pollenizer \***

Good pollenizers are the following varieties \*

**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)

**05 . 01 . Tree: size (1) \***

1 - very small Bonanza, Bonfire, Pix Zee, Zaino

2 - very small to small

3 - small Richaven

4 - small to medium

5 - medium Robin

6 - medium to large

7 - large Redhaven

8 - large to very large

9 - very large Champion

**05 . 02 . Flower: type (9) \***

1 - campanulate Dida, Springtime

2 - rosette Robin, Vesuvio

**05 . 03 . Leaf blade: red mid-vein on the lower side (28) \***

1 - absent Crimson Glo, Tejon

9 - present Redhaven

**05 . 04 . Petiole: nectaries (30) \***

1 - absent Crimson Glo, Tejon

9 - present Redhaven

**05 . 05 . Petiole: shape of nectaries (31) \***

1 - round Springtime

2 - reniform Redhaven



**05 . 06 . Fruit: shape (in ventral view) (33) \***

1 - broad oblate	Alex, Bailou, UFO3
2 - medium oblate	Herastrau, Robin
3 - circular	Redwing
4 - broad elliptic	Cavalier
5 - medium elliptic	Elberta

**05 . 07 . Fruit: pubescence of skin (44) \***

1 - absent	Daisy, Fantasia, Monco, Zaitabo
9 - present	Merspri, Moncav, Rich May

**05 . 08 . Fruit: carotenoid coloration of flesh (51) \***

1 - greenish white	Charles Roux
2 - white	Caldesi 2000, Springtime
3 - cream white	Michelini
4 - light yellow	Armking, Spring Gold
5 - yellow	Early Sungrand
6 - orange yellow	Lovell, Merrill Franciscan
7 - orange	Sungold

other colour (indicate which)

**05 . 09 . Fruit: acidity (60) \***

1 - very low	Monam, Moncav, Monna Redwing, Zaiboni, Zaidaso
2 - low	Maillarboom, Monnude, Monprime, Zaifave, Zaifuro, Zairesu, Zaitabo
3 - medium	Mercil, Monprime, Ryans Sun
4 - high	Craucail, Kraprim, Nectacross, Orion, Rich May, Zailice, Zainara
5 - very high	Armking, Bracid, Maycrest, Red Robin, Savana Red, Star Bright, Zaibri, Zaitop

**05 . 10 . Fruit: flesh type \***

melting

non-melting

stony hard



**05 . 11 . Time of beginning of flowering (69) \***

1 - very early	Zaibop, Zaitolio
2 - very early to early	
3 - early	Rich Lady, Springtime
4 - early to medium	
5 - medium	Monnude, Zaitabo
6 - medium to late	
7 - late	Maillarflat, Maillarlau
8 - late to very late	
9 - very late	Summerqueen

**05 . 12 . Time of fruit maturity (70) \***

1 - very early	Rich May, Springtime, Zaibaro
2 - very early to early	Zainoar, Zaitani
3 - early	Antonia, Redwing, Rich Lady, Robin
4 - early to medium	Craucail, Diamond Princess
5 - medium	Fairhaven, Fantasia, Summer Bright, Zee Lady
6 - medium to late	Maillarbig, Savana Red, Zaimor
7 - late	Fairlane, Flacara, Veteran, Western Red, Zailati, Zairova
8 - late to very late	Andgold, Tardibelle
9 - very late	Rubidoux

**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



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**07 . Additional information which may help to distinguish the variety \***

**07 . 01 . Resistance to pests and diseases \***

Yes, specify

No

**07 . 02 . In addition to the information provided in sections 05 and 06, are there any additional characteristics which may help to distinguish the variety? \***

Yes, specify

No

**07 . 03 . Are there any special conditions for growing the variety or conducting the examination? \***

**07 . 03.01 . Any frost requirements or chilling hour requirements for the correct development of plant material of the candidate variety in the DUS trial field: \***

Please specify \*

**07 . 03.02 . Are there any special conditions for growing the variety or conducting the examination? \***

Yes, specify

No

**07 . 04 . Other information \***

Yes, specify

No

**07 . 05 . Photo \***

A representative colour photo of the variety must be **added** to the technical questionnaire.

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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.**



**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

**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

**Attached document(s)**

The following forms or documents are attached to this application : please tick the relevant boxes

Other confidential documents

Photo

Remark



**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

