

## TECHNICAL QUESTIONNAIRE – PEACH & NECTARINE

To be completed in connection with an application for plant variety rights

1. Species: Peach (*Prunus persica* (L.) Batsch var. *persica*)  
Nectarine (*Prunus persica* (L.) Batsch var. *nucipersica* (Suckow) C.K. Scheid.)

### 2. Owner of Variety

Full name:

Address:

Breeder's name and address:  
(if different from owner)

### 3. Proposed denomination:

Breeder's reference:

### 4. Information on the breeding scheme and propagation of the variety:

- a) Method of breeding or selection (*Please tick appropriate box and give variety name(s) if relevant*)-

Seedling of unknown parentage

Produced by controlled pollination

Seed bearing parent:

Pollen parent:

Produced by open pollination of

Mutation or sport from

Discovery and development

Where:

When:

How developed:

b) Method of propagating the variety -  
Vegetative propagation

- Cuttings  
 Budding, grafting  
 *In vitro* propagation  
 Other (*state method*)

c) The virus status of the variety is -

- Virus free  
 Virus tested (*indicate against which virus*)  
 Virus status is unknown

5. Characteristics of the variety (*Mark the state of expression which best corresponds*) -

a) Tree: Size –

- very small  
 small  
 medium  
 large  
 very large

b) Flower: type -

- campanulate (non showy)  
 rosette (showy)

c) Petiole: shape of nectaries –

- round  
 reniform

d) Fruit: pubescence of skin –

- absent (nectarines)  
 present (peaches)

e) Fruit: carotenoid colouration of flesh -

- greenish white  
 white  
 cream white  
 light yellow  
 medium yellow  
 orange yellow  
 orange

f) Fruit: acidity -

- very low  
 low  
 medium  
 high  
 very high

g) Fruit: flesh type -

- melting  
 non-melting (pavies)  
 stony hard

h) Stone: adherence to flesh –

- absent  
 present

i) Time of beginning of flowering:

- very early  
 early  
 medium  
 late  
 very late

j) Time of maturity for eating:

- very early  
 early  
 medium  
 late  
 very late

k) Other characteristics of the variety:

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6. Similar varieties and differences from these varieties:

*(Please use the following table and box for comments to provide information on how your candidate variety differs from the variety(ies) which, to the best of your knowledge, is (or are) most similar. This information may help the PVR Office to conduct its examination of distinctness in a more efficient way.)*

Denomination(s) of variety(ies) similar to yours.	Characteristic(s) (e.g. Corolla: main colour (inner side) in which the similar variety differs from yours.	Describe the expression of the characteristic(s) for the similar variety (e.g. white).	Describe the expression of the characteristic(s) for your variety (e.g. very light pink).

Comments:

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7. Additional information which may help in the examination of the variety:

a) In addition to the information provided in Sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes       No

If yes please provide details:

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b) Other information:

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- c) The work of PVR evaluation of trees is normally conducted by the Cultivar Centre (CC) at Havelock North by arrangement between the applicant and the Centre. To make arrangements contact the manager. See their [website](#) for contact details.

*(Please tick the appropriate box)*

- I have arranged for the variety to be tested by the CC
- I intend to arrange for the variety to be tested by the CC
- I propose / wish to discuss an alternative way of evaluating trees for PVR.

Give details:

- d) If the variety is from overseas complete this section: *(Please tick the appropriate box)*

- Plant material has been released in New Zealand from quarantine.
- Plant material is in New Zealand plant quarantine and should be released on:
- Plant material has not yet been imported into New Zealand.
- If so, when do you expect importation to occur:

**Note:** Colour image or photographs **must** be supplied at application. The following are the requirements that apply.

Colour image or photographs, where applicable, must accurately represent a fruit, ornamental or tree variety. In the case of every application for fruit, ornamental, tree or vegetable variety you should supply a photograph or image as specified. Supply a colour image or photograph representative of the variety and displaying as well as possible its chief distinguishing feature(s). The image or photographs may be of the whole plant of the new variety and/or of plant parts such as the fruit or the flowers, whichever is most appropriate. Do not supply an image or photograph of the original bred or discovered plant, or in the case of a new mutation or sport the plant part from which the variety originated. Instead you should supply the image or photograph based upon plants or trees propagated from the original plant or plant part.

8. Authorisation for release:

- a) Does the variety require prior authorisation for release under legislation concerning the protection of the environment, human and animal health?

Yes     No

- b) Has such authorisation been obtained?

Yes     No

If the answer to b) is yes, please attach a copy of such authorisation.