

TECHNICAL QUESTIONNAIRE – PEAR

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

1. Species: European Pear (*Pyrus communis* L.) Japanese Pear (*Pyrus pyrifolia* (Burn.f.) Nakai.)

Other (*indicate species or hybrid*)

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

b) Method of propagation:

Vegetative propagation

Budding or grafting

Other (*state method*)

c) The virus status of the variety is:

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

a) Fruit: Position of maximum diameter:

- in the middle
 slightly towards the calyx
 clearly towards the calyx

b) Fruit: Size: -

- very small
 small
 medium
 large
 very large

c) Fruit: Shape (*in longitudinal section*):

- oblate
 round
 broad elliptic
 fusiform
 broad ovate
 obovate

d) Fruit: Ground colour of skin:

- not visible
 green
 yellow green
 yellow

e) Fruit: hue of over colour skin:

- light yellow green
 yellow green
 yellow brown
 yellow red brown
 orange
 orange red
 pink red
 light red
 dark red
 purple

f) Time of beginning of flowering:

- very early
 early
 medium
 late
 very late

g) Time of maturity for consumption:

- very early
 early
 medium
 late
 very late

h) Other characteristics of the variety:

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. plant height) in which the similar variety differs from yours. | Describe the expression of the characteristic(s) for the similar variety (e.g. short). | Describe the expression of the characteristic(s) for your variety (e.g. Tall). |
|---|--|--|--|
| | | | |

Comments:

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:

- b) Good pollenizers are the following varieties

- c) Other information:

- d) The work of PVR evaluation of trees is normally conducted by the Cultivar Centre (CC) at Motueka by arrangement between the applicant and the Centre. To make arrangements contact the manager (at Hawkes Bay). 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:

- e) 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.