

TECHNICAL QUESTIONNAIRE – JAPANESE OR INTERSPECIFIC HYBRID PEAR

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

1. Genus: *Pyrus* (Please tick one)

Species: Japanese Pear (*Pyrus pyrifolia*)

Interspecific hybrid – Please state the species:

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 (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:

b) Method of propagating the variety:

Budding, grafting (*indicate usual rootstock*)

Other

c) The virus status of the variety is:

d) Other information:

5. Characteristics of the variety (*Mark the state of expression which best corresponds. An example variety, representing the state of expression, may be provided for some states of expression.*)

5.1 Tree: Growth habit

- fastigate
- upright (PremP009)
- semi upright
- spreading
- drooping
- weeping

5.2 Fruit: Size

- very small
- small
- medium
- large (Hougetsu, Hosui)
- very large

5.3 Fruit: Position of maximum diameter

- towards stem end
- in middle (Hougetsu)
- slightly towards calyx (PremP009)
- strongly towards calyx

5.4 Fruit: Profile of sides

- concave
- straight
- convex (PremP109)

5.5 Fruit: Ground colour of skin

- not visible (PremP009)
- green
- yellow green (Gold Nijisseiki)
- yellow
- yellow brown
- red brown

5.6 Fruit: Area of over colour

- absent or very small
- small
- medium
- large
- very large (PremP009)

5.7 Fruit: Hue of over colour

- orange
- orange red (PremP45)
- pink red (PremP109)
- light red (PremP009)
- dark red

5.8 Time of beginning of flowering

- very early
- early (PremP109, Gold Nijisseiki)
- medium
- late
- very late (PremP009)

5.9 Time of harvest maturity

- very early
- early (Shinsui, PremP009)
- medium (PremP45, Hosui)
- late (PremP109)
- very late

5.10 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 your candidate variety.	Characteristic(s) (e.g. fruit size) in which your candidate variety differs from the similar variety(ies).	Describe the expression of the characteristic(s) for the similar variety(ies) (e.g. medium).	Describe the expression of the characteristic(s) for your candidate variety (e.g. large).

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) Are there any special conditions for growing the variety or conducting the examination?

Yes No

If yes, please provide details:

- c) Other information:

- d) A colour image or photograph **must** be supplied at application. The following are the requirements that apply.

- Images, where applicable, must accurately represent a fruit, ornamental or tree variety.
- You must supply an image that is representative of the variety. Your image must display its chief distinguishing feature(s) as well as possible.
- Your image 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 of the original bred or discovered plant. In the case of a new mutation or sport, do not supply an image of the plant part from which the variety originated. Instead, you should supply an image 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 an authorisation.

9. The work of PVR evaluation of trees is normally conducted by the Cultivar Centre, Motueka at Plant & Food Research by arrangement between the applicant and the site/Centre. To make arrangements, please contact:

Cultivar Centre
Plant & Food Research
55 Old Mill Road
Motueka
(03) 907 9595

(Please tick the appropriate box)

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

Give details:

10. 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.

If so, when do you expect its release?

- Plant material has not yet been imported into New Zealand.

If so, when do you expect importation to occur?