

## Technical Questionnaire

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

Plant Variety Rights. *Protecting new plant varieties.*

1. Species: Apple (*Malus domestica* Borkh.)

2. Owner of Variety:

Full name \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(If different from owner)

Breeder's name and address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. Proposed denomination or breeder's reference:

Proposed denomination \_\_\_\_\_

Breeder's reference \_\_\_\_\_

4. Information on origin and reproduction of the variety:

a) Breeding scheme. Variety resulting from: (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) *In vitro* propagation:

The plant material has been obtained by *in vitro* propagation:  Yes  No

The virus status of the variety is: (Please tick the appropriate box)

Virus free

Virus tested (indicate against which virus)  
 \_\_\_\_\_

Virus status is unknown

5. Characteristic of the variety: *(Mark the state of expression which best corresponds)*

- a) Tree: Type:  columnar (Wijcik)  
 ramified
- b) Tree: Habit: *(ramified varieties only)*  
 upright  
 spreading  
 drooping  
 weeping
- c) Fruit: General shape:  cylindrical waisted  
 conic  
 ovoid  
 cylindrical (Gravenstein)  
 ellipsoid  
 globose  
 obloid
- d) Fruit: Relative area of over colour:  
 absent or very small (Granny Smith)  
 small (Cox's Orange Pippin)  
 medium (Gala)  
 large (Joburn)  
 very large (Galaxy)
- e) Fruit: Hue of over colour *(bloom removed)*:  
 orange red (Cox's Orange Pippin)  
 pink red (Cripps Pink)  
 red (Regal Prince)  
 purple red (Spartan)  
 brown red (Joburn)
- f) Fruit: Pattern of over colour:  only solid flush (Regal Prince)  
 solid flush with weakly defined stripes (Galaxy)  
 solid flush with strongly defined stripes (Jonagored)  
 weakly defined flush with strongly defined stripes  
 only stripes (no flush) (Royal Gala)  
 flushed and mottled  
 flushed, striped and mottled



## 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) Good pollenisers are the following varieties

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- c) Other information:

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- d) 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  
Cultivar Centre  
C/o Plant & Food Research  
Private Bag 1401  
Havelock North  
ph (06) 975 8880

*(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  
(Day) \_\_\_\_\_ (Month) \_\_\_\_\_ (Year) \_\_\_\_\_

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

If so when do you expect importation to occur:

(Day) \_\_\_\_\_ (Month) \_\_\_\_\_ (Year) \_\_\_\_\_



- e) Colour image or photographs must be supplied at application. The following are the requirements that apply.

Colour image or photographs, where applicable, that 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 an authorisation.

**Signed by:**

\_\_\_\_\_  
Please print name

\_\_\_\_\_  
Signature

Dated this \_\_\_\_\_ of \_\_\_\_\_  
(day) (month) (year)