

TECHNICAL QUESTIONNAIRE – AVOCADO

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

1. Species: Avocado (*Persea americana* Mill.)

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:

b) Method of propagating the variety

Vegetative propagation

 Grafting Layering (clonal) Other (state method) Seed Other 5. Characteristics of the variety: *(Mark the state of expression which best corresponds)*

a) Young shoot: Colour –

 yellow green green reddish

b) Leaf blade: Anise aroma –

 absent or very weak (Hass) medium (Duke 7) strong

c) Pedicel: Shape –

 cylindrical conical

d) Pedicel: 'nailhead' form –

 absent present

e) Ripe fruit: Colour –

 yellow green light green medium green (Zutano) dark green reddish medium purple dark purple to black (Hass)

f) Ripe fruit: Thickness of skin –

 very thin moderately thin (Fuerte) medium moderately thick (Hass) very thick

g) Time of harvest maturity –

 very early early medium (Fuerte) late (Hass) very late (Reed)

h) Other characteristics of the variety that may help to distinguish this 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. mature fruit; stalk cavity) in which the similar variety differs from yours.	Describe the expression of the characteristic(s) for the similar variety (e.g. absent).	Describe the expression of the characteristic(s) for your variety (e.g. present).

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) Other information:

8. We strongly urge that the variety be evaluated with other candidate varieties (if any) at a single test site. This site holds the PVR Reference Collection for Avocado varieties. New Zealand Avocado Industry Council (NZAIC) is prepared to conduct such a trial on behalf of the Plant Variety Rights Office. The cost involved would be a matter to be arranged between applicant and NZAIC. To make arrangements contact:

New Zealand Avocado Industry Council Technical Manager
 PO Box 13267
 Tauranga 3141
 Ph: (07)5716147
 info@nzavocado.co.nz

(Please tick the appropriate box)

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

Give details:

Details provided should include: location, site, number of trees and growth stage and a list of other varieties growing on the site under similar conditions which could be available for comparison and reference.

9. 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.

10. 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.