

TECHNICAL QUESTIONNAIRE – POTATO

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

1. Species: Potato (*Solanum tuberosum* L.)

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 propagating the variety:

Tuber

In vitro (tissue culture)

Other: *(please provide details)*

c) The virus status of the variety is:

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

d) Other information: (*Please provide details*)

5. Characteristics of the variety. The number in brackets refers to the corresponding characteristic in Test Guidelines: (*Mark the state of expression which best corresponds*)

a) (4) Lightsprout: proportion of blue in anthocyanin colouration of base

- absent or low 1
 medium 2
 high 3

b) (29) Plant: Frequency of flowers

- absent or very low 1
 low 3
 medium 5
 high 7
 very high 9

c) (33) Flower corolla: Intensity of anthocyanin colouration on inner side -

- absent or very weak 1
 weak 3
 medium 5
 strong 7
 very strong 9

d) (34) Flower corolla: proportion of blue in anthocyanin colouration on inner side -

- absent or low 1
 medium 2
 high 3

e) (36) Plant: Time of maturity -

- very early 1
 early 3
 medium 5
 late 7
 very late 9

f) (37) Tuber shape -

- round 1
 short-oval 2
 oval 3
 long-oval 4
 long 5
 very long 6

g) (39) Tuber: colour of skin -

- light beige 1
 yellow 2
 red 3
 red parti-coloured 4
 blue 5
 blue parti-coloured 6
 reddish brown 7

h) (40) Tuber: colour of eye -

- white 1
 yellow 2
 red 3
 blue 4

i) (41) Tuber: Colour of flesh -

- white 1
- cream 2
- light yellow 3
- medium yellow 4
- dark yellow 5
- red 6
- red parti-coloured 7
- blue 8
- blue parti-coloured 9

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 to distinguish 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:

- c) If the variety is from overseas complete this section: *(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?

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.