

TECHNICAL QUESTIONNAIRE – HEUCHERA

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

1. Species: Heuchera / Coral Bells (*Heuchera* 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

Discovery and development

Where:

When:

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

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

a) Plant: height

- very short
 short
 medium
 tall

b) Leaf blade: lobing

- absent or very shallow
 shallow
 medium
 medium to deep
 deep

c) Leaf margin: undulation of margin

- absent or very weak
 weak
 weak to medium
 medium
 medium to strong
 strong

d) Young just expanded leaf blade: colour covering the greatest surface area

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> white | <input type="checkbox"/> red |
| <input type="checkbox"/> light yellow | <input type="checkbox"/> red brown |
| <input type="checkbox"/> medium yellow | <input type="checkbox"/> brown |
| <input type="checkbox"/> yellow green | <input type="checkbox"/> purple |
| <input type="checkbox"/> light green | <input type="checkbox"/> grey purple |
| <input type="checkbox"/> medium green | <input type="checkbox"/> grey green |
| <input type="checkbox"/> dark green | <input type="checkbox"/> grey |
| <input type="checkbox"/> yellow brown | <input type="checkbox"/> blackish |
| <input type="checkbox"/> pink | |

e) Fully expanded leaf blade: colour covering the greatest surface area

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> white | <input type="checkbox"/> red |
| <input type="checkbox"/> light yellow | <input type="checkbox"/> red brown |
| <input type="checkbox"/> medium yellow | <input type="checkbox"/> brown |
| <input type="checkbox"/> yellow green | <input type="checkbox"/> purple |
| <input type="checkbox"/> light green | <input type="checkbox"/> grey purple |
| <input type="checkbox"/> medium green | <input type="checkbox"/> grey green |
| <input type="checkbox"/> dark green | <input type="checkbox"/> grey |
| <input type="checkbox"/> yellow brown | <input type="checkbox"/> blackish |
| <input type="checkbox"/> pink | |

f) fully expanded leaf blade: colour covering the next greatest surface area

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> white | <input type="checkbox"/> red |
| <input type="checkbox"/> light yellow | <input type="checkbox"/> red brown |
| <input type="checkbox"/> medium yellow | <input type="checkbox"/> brown |
| <input type="checkbox"/> yellow green | <input type="checkbox"/> purple |
| <input type="checkbox"/> light green | <input type="checkbox"/> grey purple |
| <input type="checkbox"/> medium green | <input type="checkbox"/> grey green |
| <input type="checkbox"/> dark green | <input type="checkbox"/> grey |
| <input type="checkbox"/> yellow brown | <input type="checkbox"/> blackish |
| <input type="checkbox"/> pink | |

g) Fully expanded leaf blade: distribution of colour covering the next greatest surface area

- | | |
|--|---|
| <input type="checkbox"/> along veins | <input type="checkbox"/> between veins in intermediate zone |
| <input type="checkbox"/> along veins and margins | <input type="checkbox"/> between veins and on margin |
| <input type="checkbox"/> between veins and throughout | <input type="checkbox"/> marginal zone |
| <input type="checkbox"/> between veins in central zone | <input type="checkbox"/> throughout |

h) Flower: colour of outer surface

- greenish
- white
- cream
- light pink
- medium pink
- dark pink
- red

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) Resistance to pests and diseases:

b) Other information:

8. Sites in New Zealand where plants of the variety are presently growing:

a) On applicant's property at:

No. of plants: (*approx.*)

Growth stage:

Other property in New Zealand:

No. of plants: (*approx.*)

Growth stage:

b) List other varieties growing on applicant's (or other) property which would be available for comparison and reference purposes:

c) Further material is being bulked up by:

(method of propagation)

(place)

9. Special requirements or suitability for soil type or climate:

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 an authorisation.