

Biological Control of Weeds Recovery Sheet

(Please refer to the back of this sheet for instructions)



Manaaki Whenua
Landcare Research

Site name:

Date:

Organisation:

Time of day:

Observer(s):

Current weather conditions

- 1) Sunny / Partly / Overcast / Rain
- 2) Strong wind / Light wind / Calm
- 3) Temperature (°C) < 10 / 10-15 / 15 -20/ 20 -25 / >25



**Hieracium
Gall Wasp**

Insect information

- 4) Number of galls seen:
- 5) Time spent searching (mins):
- 6) Furthest distance galls found from release point (m):
None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?

Weed Information

- 7) Infestation: Major (as far as eye can see) / Moderate (>100m²) / Minor (<100m²)
- 8) The plants are: Individual rosettes / Individual clumps / Continuous mats
- 9) Percentage of plants with stolons: <10% / 10-50% / 50-80% / >80%
- 9) Other predominant vegetation: Tussocks / Pasture Grasses / Other (specify)
- 10) Photos taken: Yes / No
- 11) Photo compass bearing:
- 12) GPS for photopoint:
- 13) Photo file name:

Comments

- 14) Have any of the following happened to the site recently?
Mowing / Spraying / Grazing / Flood / Drought / Fire / Other?
- 15) Please use the back of this sheet to record any further observations or comments about the site.

INSTRUCTIONS FOR FILLING OUT THIS SHEET

(Please note that it is important to complete these questions in order)

Where choices are given mark the correct answer by bolding or highlighting it or by deleting the other options.

- **Site Name** – please be consistent in the use of site names to prevent confusion.
- **Organisation** – the name of your organisation.
- **Observer(s)** – the names of people who helped with this recovery not onlookers.

Current Weather Conditions

1-3) Choose the words that best describe the weather conditions.

Insect information

- 4) Galled stolons may be found on green plants from February- October, and they will turn brown as the plants die off in the autumn. Galls will be a better indicator of establishment than the adult wasps which are difficult to find.
- 5) Record how long you spent actively searching.
- 6) If you have time to look further afield we would like to know how far away from the release point you can find galled plants.

Weed Information

- 7) Estimate and record the approximate size of the infestation using the categories provided.
- 8) Record if the hieracium infestation at the release site consists mainly of individual plants or a continuous mat.
- 9) Estimate how many of the plants have stolons. Note stolon growth is often reduced when the plant is stressed by drought etc
- 9) Give an indication of the other predominant vegetation at the release site.
- 10) Please indicate if you have taken photos.
- 11-13) If you have taken photos please record the photo compass bearing, the GPS point, the file name for the photo and attach hard copies to this form if you can.

Comments

- 14) Please indicate if any of these important events have happened to the site.
- 15) Tell us any other important information we should know about the site (e.g. whether you have been harvesting for release at new sites)