

Biological Control of Weeds Recovery Sheet

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



Manaaki Whenua
Landcare Research

Site name:

Organisation:

Observer(s):

Date:

Time of day:

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

Insect information

- 4) Number of: Adults: Larvae:
- 5) Time spent searching (mins):
- 6) Search method: Examining Plants / Pulling Plants Apart / Sweep Net / Other
- 7) Furthest distance insect found from release point (m):
None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?
- 8) Feeding damage apparent: Yes / No
- 9) Number of damaged plants/m2: <1 / 1-5 / 5-10 / >10
- 10) Furthest distance damaged plant found from release point (m):
None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?



**Ragwort
Crown Boring Moth**

Weed Information

- 11) Most obvious life stage: Seedlings / Rosettes / Bolting / Flowering / Seeding
- 12) Density/m2 of plants at release point: 0 / <1 / 1-5 / 5-10 / >10
- 13) Photos taken: Yes / No
- 14) Photo compass bearing:
- 15) GPS for photopoint:
- 16) Photo file name:

Comments

- 17) Have any of the following happened to the site recently?
Mowing / Spraying / Grazing / Flood / Drought / Fire / Other?
- 18) Please use the back of this sheet to record any further observations or comments about the site,
including any checks for non-target damage.

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) Record the number of adults and larvae. The moths are nocturnal but you may see them resting on plants during the day. To see the larvae you will need to pull damaged plants apart – look inside thickened stems and in the crowns.
- 5) Record how long you spent actively searching for them.
- 6) Record the search method used. If other please specify.
- 7) If you have time to look further afield we would like to know how far away you can find ragwort crown-boring moth.
- 8) Record if feeding damage is present (thickened stems with bunched leaves, black frass in crown)
- 9) Estimate the number of damaged plants at the release point.
- 10) Record how far away you could find a damaged plant.

Weed Information

- 11) Record the most obvious life stage.
- 12) Estimate the rosette density at the release point for rosettes bigger than 15 cm in diameter and select the closest figure.
- 12) Please indicate if you have taken photos.
- 13-15) 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

- 16) Please indicate if any of these important events have happened to the site.
- 17) Tell us any other important information we should know about the site (e.g. whether you have been harvesting for release at new sites. Use the top of this page if you need extra space.