

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

Insect information

4) Number of: Adults:

Larvae:

5) Time spent searching (mins):

6) Furthest distance insect found from release point (m):

None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?

7) Overall damage to foliage: None / Occasional / Patchy / Heavy / Severe

Weed Information

8) Infestation: Major (as far as eye can see) / Moderate (>100m²) / Minor (<100m²)

9) Percentage cover at densest accessible point:

10) Average height of mat at densest accessible point: <20cm / 20-50cm / >50cm

11) Photos taken: Yes / No

12) Photo compass bearing:

13) GPS for photopoint:

14) Photo file name:

Comments

15) Have any of the following happened to the site recently?

Mowing / Spraying / Grazing / Flood / Drought / Fire / Other?

16) Please use the rest of the sheet to record any further observations or comments about the site.

Continue over the page if necessary.



**Tradescantia
Leaf Beetle**

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) Look for the dark metallic 5mm bronze adults or the slug-like larvae (which tend to be on the undersides of the leaves) during the warmer months of the year. Adults may fall to the ground when disturbed.
- 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 adults or larvae.
- 7) Record the amount of feeding damage seen overall at the site: occasional (signs of damage present but not common), patchy (signs of damage are present but are variable throughout the site, some plants may have no damage, and others may have heavy damage but this would be rare), heavy (the majority of plants are showing signs of damage and at least some plants are beginning to show signs of severe defoliation/damage or stress), and severe (severe damage is obvious and widespread).

Weed Information

- 8) Estimate and record the approximate size of the infestation using the categories provided.
- 9) Estimate the percentage cover of tradescantia at the densest accessible point over an area of 5 x 5m, or if the site lend itself to a square use an equivalent sized shape.
- 10) Estimate the percentage cover of tradescantia at the densest accessible point over an area of 5 x 5m, or if the site doesn't lend itself to a square use an equivalent sized shape
- 11) Please indicate if you have taken photos.
- 12-14) 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

- 15) Please indicate if any of these important events have happened to the site.
- 16) 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.