

# 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



**Broom Psyllid**

## **Insect information**

- 4) Number of Adults: \_\_\_\_\_ Nymphs: \_\_\_\_\_
- 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) Most obvious life stage: New Leafy Growth / Flowers / Green Pods / Ripe Pods
- 9) Broom type at the release point: Isolated Bushes / Clumps / Block
- 10) Infestation: Major (as far as eye can see) / Moderate (>100m<sup>2</sup>) / Minor (<100m<sup>2</sup>)
- 11) What percentage of bushes are flowering? None / <25 / 25-50 / 50-75 / >75%
- 12) Photos taken: Yes / No
- 13) Photo compass bearing: \_\_\_\_\_
- 14) GPS for photopoint: \_\_\_\_\_
- 15) Photo file name: \_\_\_\_\_

## **Comments**

- 16) Have any of the following happened to the site recently?  
Mowing / Spraying / Grazing / Flood / Drought / Fire / Other?
- 17) 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) Look for the adults and nymphs from October-November by beating foliage over a 1x1 m white sheet/card/tray. Collect and examine 5 beating tray samples from different bushes with leafy new growth at the release site. For each sample beat a bush or branch briskly twice and examine what is dislodged, before moving to another bush. If no beetles are found spend another 10 minutes beating bushes further away. If you find large numbers, it is not necessary to count exactly just estimate how many. If you do not find many collect and examine another 5 samples.
- 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 the insects.
- 7) Record the search method used.

### **Weed Information**

- 8) Record the most obvious life stage.
- 9) Record the type of broom growing at the release point.
- 10) Estimate and record the approximate size of the infestation using the categories provided.
- 11) Estimate what percentage of broom plants are flowering
- 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.