

# 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 flies seen
- 5) Furthest distance flies found from release point (m):  
None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?
- 6) Number of galls:                      7) Number of galls found without emergence holes:
- 8) Furthest distance galled stems found from release point (m):  
None Found / <20 / 20-50 / 50-100 / 100-300 / 300-500 / Further?
- 9) Time spent searching (mins):

## **Weed Information**

- 10) Mistflower type at the release point: Isolated bushes / Clumps / Block
- 11) Infestation: Major (as far as eye can see) / Moderate (>100m<sup>2</sup>) / Minor (<100m<sup>2</sup>)
- 12) Mistflower growth stage at the release site: Growing / Flowering / Seeding
- 13) Photos taken: Yes / No                      14) Photo compass bearing:
- 16) 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.



**Mistflower  
Gall Fly**

### **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) Adult flies may be seen on or around mist flower plants throughout the warmer months of the year
- 5) If you have time to look further afield, we would like to know how far away from the release point you can find flies.
- 6) Galled stems may be found on mist flower all year round.
- 7) Adult flies emerging from a gall leave an obvious emergence hole about 1 - 2 mm in diameter. Galls which do not show emergence holes are therefore recently formed.
- 8) How far away from the release point you can find galled stems.
- 9) Record how long you spent actively searching.

### **Weed Information**

- 10) Record the type of mistflower growing at the release point.
- 11) Estimate and record the approximate size of the infestation using the categories provided.
- 12) Record what stage most of the mistflower at the release site are at.
- 13) Please indicate if you have taken photos.
- 14-16) 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**

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