

TREATMENT RECORD

A treatment is an action taken to control an invasive species population.



A natural resource professional performs chemical spot treatment of autumn olive using a foliar applicator.



Top: Purple loosestrife is an invasive perennial herb capable of outcompeting native species in wetland habitats.

Bottom: Treatment record as seen on the map in iMapInvasives.

What is a treatment record?

Treatment types recorded in iMapInvasives include: barrier, bioagent (biological control), chemical, fire, flame weeding, grazing, mechanical/manual, shooting, and trapping.

Treatment data is independent of observation and assessment records and can be associated with several target species. To create a treatment record, draw a polygon surrounding the area of treatment and describe the work that was done there (i.e., organization lead, crew

time and costs, treatment used, weather conditions).

How do I enter treatment data?

To enter treatment data into iMapInvasives, you must first register for a free login account from a participating state or province in the iMapInvasives network. Visit www.iMapInvasives.org and click on "Login Now" for more details. Only users that are 'Level 6' and higher can enter treatment data. To increase your user level, contact the Pennsylvania iMapInvasives administrator at imapinvasives@paconserve.org.

How is treatment data represented on the map?

Treatment records are displayed on the map using bright green polygons. A treatment polygon outlines the shape of a site where a treatment was conducted. A treatment polygon can refer to many invasive species that were treated in an area.

What basic information is captured in a treatment record?

- 1) Goal (e.g. eradication, containment, suppression, etc.);
- 2) Targeted species; 3) Observation records impacted by the treatment;
- 4) Start and end dates; 5) Treatment type (e.g. barrier, bioagent chemical, etc.); and 6) Additional information such as who, what, when, where, weather, permissions, etc.

Depending on the treatment type selected, additional information can be captured as well.



Goats serve as a natural, effective, and engaging way to manage invasive species.
Photo credit: Allegheny Goatscape



The Ln Beetle is a predatory insect used as a biocontrol to manage invasive Hemlock Woolly Adelgid.
Photo credit: Michael Montgomery, USFS



iMapInvasives

Sharing information for strategic management

The Pennsylvania iMapInvasives Program is a partnership of the Western Pennsylvania Conservancy and the Pennsylvania Natural Heritage Program.



Online Data Entry

To enter treatment data using the online interface (i.e., a desktop computer), follow the instructions outlined below:

- On the iMapInvasives homepage, click on the "Treatment" link in the Enter Data section.
- In the map portion of the Treatment Information screen, draw a polygon around the area treated for invasive species.
- Fill in required and additional data fields applicable to your treatment project (hover over "?" of each field for more details).
- Required fields are highlighted in pink.**

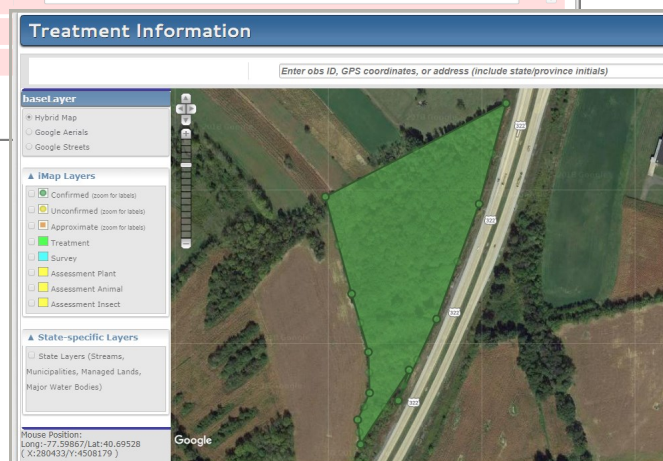
These fields include goals, lead contact, target species, observations affected, start date, end date, permit status, and treatment type.

- Select "Update Treatment" at the bottom of the page to save and submit your record.

Basic Treatment Fields

Do not use special symbols in text boxes. Only letters, numbers, and characters found on common keyboards are accepted.

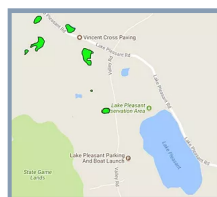
* Goal	<input type="text"/>	?
* Lead Contact	<input type="text"/>	?
If username is not listed, please contact paimapinvasives@gmail.com		
Data Status	<input type="text"/>	?
* Target Species	<input type="text"/>	?
* Observations Affected	<input type="text"/>	?
	ID Numbers (e.g. NY-1234560; NY-3160170 or NY-1234560; NY-3160170)	
	OBSD ID Scientific Name Observe Date Observer Assessment ID Area (square meters)	
* Start Date	<input type="text"/>	?
* End Date	<input type="text"/>	?
* Permit needed?	<input type="text"/>	?
Project	<input type="text"/>	
Site	<input type="text"/>	



Data entry screens for treatment information in iMapInvasives.

Helpful Links

- 'Contribute Data' tab on Pennsylvania iMapInvasives website:
<https://www.paimapinvasives.org/copy-of-reference-guides>



Treatment

Overview

Visual Guide

After conducting efforts to manage or control invasive species, make sure to document the specific action with a Treatment record:

- Delimit treated area
- Describe your specific management action and goals
- List all targeted species
- User Level & capability