



Success in Using Volunteers in Invasive Plant Management

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Agenda

- * Things to Consider
- * Safety
- * Getting The Most
- * Examples



Things to Consider

Misidentification
Sensitive Environment
Appropriate Staff

Misidentification

Elaeagnus umbellata

VS

Ligustrum sinense

VS

Ilex decidua / *I. longipes* (S1)



<https://gobotany.newenglandwild.org/species/ligustrum/sinense/>



http://www.rivers.org/wsp/CLASS_8/AutumnOlive.htm

Misidentification

Bignonia capreolata

VS

Pueraria lobata



Sensitive Area

- * Close to a water body or wetland
- * Protected or Imperiled species
- * Steep terrain



Appropriate Staff



* **1 to 7 – Paid Staff / “Professional” Volunteer**

* **1-5 Trained Volunteer**





Safety

Using Chemicals

Tools

Appropriate Staff

Using Chemicals

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Corrosive • Causes Irreversible Eye Damage • Harmful if Swallowed or Inhaled • Prolonged or Frequent Repeated Skin Contact With Herbicide Concentrate May Cause An Allergic Skin Reaction in Some Individuals.

Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

First Aid

If in eyes: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or poison control center. Promptly drink a large quantity of milk, egg whites, or gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol. **If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

Note to Applicator: Allergic skin reaction is not expected from exposure to spray mixtures of Garlon 34 herbicide when used as directed.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Physical or Chemical Hazards

Do not use or store near heat or open flame. Do not out or weld containers.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides.

It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store above 50°F or agitate before use.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of federal law and may contaminate

* Label is the Law

* Appropriate to use around people

* PPE



Rodeo



Garlon



Transline

Tools



Appropriate Staff



- * **Paid Staff**
 - Pesticide Certified?

- * **Trained Volunteers**

- Special Training?
- Use chemicals?

- * **First Aid / CPR Trained?**





Getting the Most

Set Expectations
Keeping Motivated
Water Breaks

Set Expectations (Including Yours)



* **Easy to over- or under- estimate**

* **Set a goal**

- **Clear**
- **Measurable**
- **Visible**

* **Set a stop time**



Keep Volunteers Motivated



- * **Work along side them**
- * **Periodically stop to observe progress**
- * **Thank them...**
 -to the point of being annoying
- * **Be Penny!**

Keep Volunteers Motivated



- * Schedule water breaks AND enforce them
- * Even in cold weather
- * Be Prepared to supply water



Examples

Seven Oaks - Kudzu
South Fork Trail – Autumn
Olive

Seven Oaks Preserve - Kudzu



South Fork Trail – Autumn Olive



South Fork Trail – Autumn Olive



Any Questions?

