

Herbicides Use in Los Alamos County Parks

Based upon the Integrated Pest Management Philosophy

Los Alamos County Parks

Responsible Herbicide Parks Program

► Responsible Herbicide Parks Program

Los Alamos County Parks, Recreation and Open Space (PROS) cares for more than 201 acres of “Standard developed” parkland, 588 acres of undeveloped or nonstandard parkland (much of this is natural area within developed parks) and 205 acres of golf course. Over the last several years, we have steadily reduced herbicide use. In the early 2017, PROS adopted the Integrated Pest Management (IPM) philosophy.

► What is a Responsible Herbicide Park? A Responsible Herbicide use park is one that is maintained with limited use of registered herbicides by trained and licensed pesticide applicators. If it becomes necessary to apply herbicides at a park, the site will be clearly posted before, during and after the application to notify users.

► What makes a successful Responsible Herbicide Park?

The most successful limited herbicide parks are easy to maintain. When deciding to use a herbicide, our Licensed Applicators consider the least toxic application of herbicides to achieve an acceptable threshold of control of weeds or pests. New parks and landscapes are designed with low herbicide needs in mind.

Pesticides Used In Our Parks



The complete broad-spectrum postemergence professional herbicide for non-crop, industrial, turf and ornamental weed control.

TRIMEC® 992 **BROADLEAF HERBICIDE**

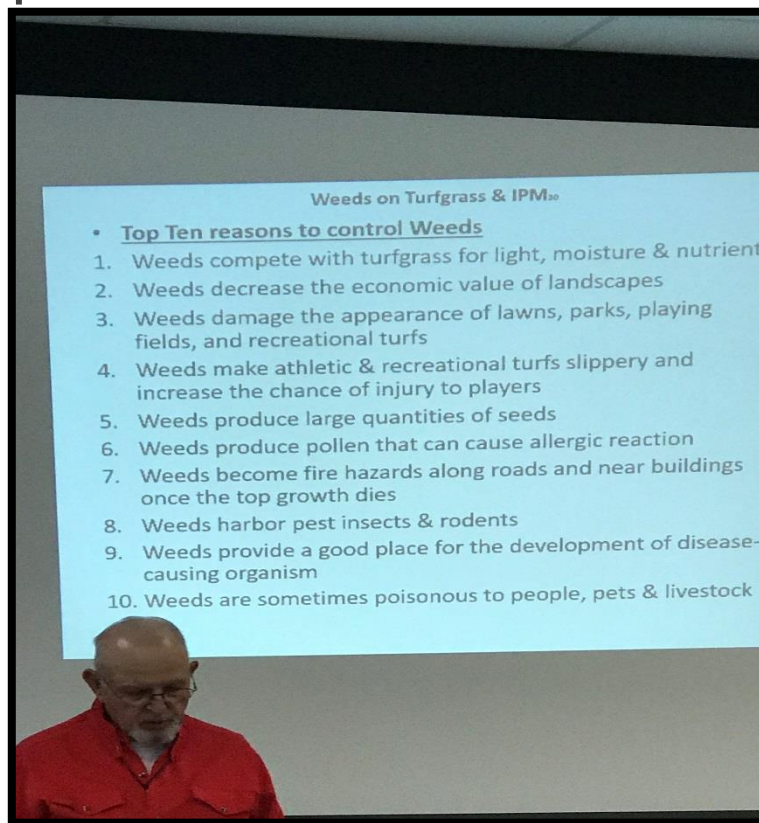
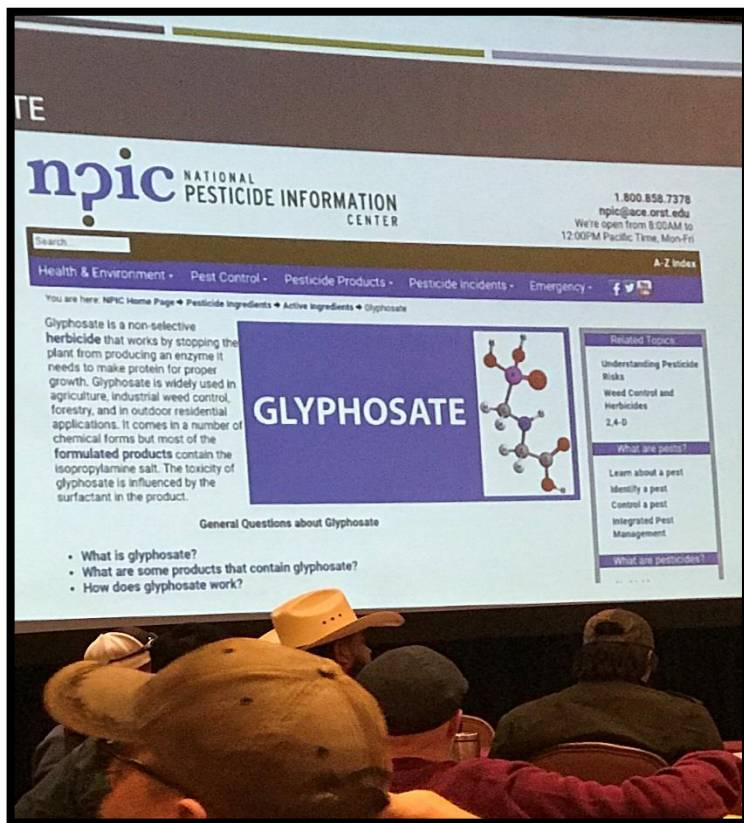
*For Sale To And Use By Commercial Applicators
And Professional Landscapers Only.*

Not For Sale To Or Use By Homeowners.

Controls Dandelion, Clover, Knotweed, Henbit, Chickweed,
Plantain, Spurge and many other broadleaf weeds.

Parks Staff Herbicides Training

Parks Staff are required to attend yearly CEU training to maintain their Pesticide Applicators License 3A & 3B



Safe Mixing and Handling of Herbicides

ALL APPLICATORS ARE REQUIRED TO APPLY HERBICIDES ACCORDING TO MSDS SHEET AND CHEMICAL LABEL



Personal Protective Equipment



- ▶ Eye Protection
 - ▶ Glasses or chemical goggles if there is a significant potential for contact
- ▶ Skin Protection
 - ▶ Chemical resistant gloves, long sleeved shirt, long pants, closed toed shoes with socks
- ▶ Respiratory Protection
 - ▶ No special requirement when used as recommended

Areas Treated With Roundup or Glyphosate



Areas not typically inhabited by visitors

Areas Typically Treated With Trimec or 2,4-D



Herbicides Use Timing

- ▶ Effective use of Herbicides can be dependent on timing of applications.
- ▶ Some examples:
- ▶ Juvenile growth (can be controlled with weaker solution of herbicide)
- ▶ Treatments prior to weeds going to seed and producing more weeds.
- ▶ Treating weeds prior to creating tillers.



- All applications are recorded by the person doing the herbicide application. Information to be collected includes:

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Los Alamos National Laboratory
Parks, Recreation, Open Space

Pesticide Application Record

Date: _____	Temperature: _____
Time: _____	Wind Speed: _____
Work Order#: _____	Wind Direction: _____

Location of Application: _____

Target Site: _____

Target Site: _____

Pesticide Brand Name: _____

E.P.A. Registration #: _____

Concentration/Gal.: _____

Volume Used: _____

Applicator: _____

Print

 Sign

Employee #: _____

Supervisor: _____

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Parks Division Protocol for Public Notification

- ▶ **No notification when used in areas with limited public access**
 - ▶ Example: Glyphosate (Roundup) in a roadway median; typically spot application
- ▶ **Signage and/or pins when spot treating in areas with anticipated public access**
 - ▶ Example: 2,4-D (Trimec) spot application for dandelion control in park grass
- ▶ **Press release, signage, temporary closure for broad application in areas with anticipated public access**
 - ▶ Example: 2,4-D (Trimec) boom spraying in a park - extremely rare
- ▶ **According to manufacturer label Glyphosate and 2,4-D treated area are acceptable for public re-entry once dry.**
- ▶ **Marked areas remain marked for a minimum of 24 hours after application (areas typically dry in a period of less than 1 hour depending on weather conditions)**

Questions?