

Pesticide Use in LAC

Pesticide types, users, and impacts for LAC

By: Cory Styron and Dianne Marquez,
Community Services Department

October 21, 2021



Key ideas

- Pesticide types
 - Pesticide regulation
- Applicators
 - Types and training
- Herbicides
- Impacts

Pesticides

Pesticide is any substance used to kill, repel or control certain forms of plant or animal life that are considered to be pest.

- Insecticides controls insects
- Fungicides prevent growth of mold and mildew
- Rodenticides controls rodents
- Herbicides controls or prevents weeds and grasses

Pesticide Regulations

Federal- Environmental Protection Agency (EPA)

- License and registration number

- Label direction and information

- Testing

- Safety Data sheets

State-NM Department of Agriculture

- License and registration

- Sets requirements for use

- Training for applicators

Applicators

NMDA License

- Commercial Applicator

- Commercial Operator/Technicians

- Private Applicators

- Public Applicators

- Noncommercial Applicators (restricted use)

- Pest Management Consultant (restricted use)

- Pesticide Dealers

11 subcategories

4 CEUS per year in order to maintain the license

Herbicides

Approved for label use by EPA

Horticulture

Agriculture

Approved for label use by NMDA

Horticulture

Agriculture

Non-selective herbicide that provides systemic control of weeds and grasses

Can be used by everyone with or without training

Herbicide Uses

Clean turf for sports

- Sports fields

- Golf course

Hard to maintain areas

- Rights of Way

- Concrete cracks and crevices

- Vegetation management

Impacts

Sports

- Turf sports injuries to players

- Performance

Hard to maintain areas

- Safety of staff

- Frequency of maintenance (additional cost)

- Staff efficiency

Isopropylamine salt of glyphosate

Approved for label use by EPA

- Horticulture

- Agriculture

Approved for label use by NMDA

- Horticulture

- Agriculture

Non-selective herbicide that provides systemic control of weeds and grasses

Major concern is agriculture application

Degrades relatively rapidly

Questions

