

# Gator Vegetation Management

## Landowner Invasive Species Management Program

**Program Goal:** To provide agricultural landowners with one-on-one technical assistance in the development of effective, economically prudent and ecologically sensitive, control strategies for managing aggressive grassland invaders.

### Program Outline:

#### Invasive Species Evaluation:

Problem Species - Identification and biology.

Infestation Mapping - How much and where.

Possible Infestation Factors - Wind, water, erosion, animals and other.

Land Use - Needs and goals. Native vs. Agricultural.

#### Resource Evaluation:

Equipment - Mechanical control, chemical control and/or over-seeding.

Water - Availability and quality for chemical applications and/or over-seeding.

#### Control Strategies:

Timing - Mechanical control, chemical control and/or over-seeding.

Chemical Selection - Goals, environmental concerns and application resources.

Seed Selection - Land use goals.

#### Regulatory Compliance:

Licenses and Permits - Contract applicator vs. owner/operator application.

Environmental Concerns - Drift, adjacent water, weather and non-targets.

Personal Protective Equipment - Hand spraying and vehicle spraying.

Storage - Pesticide and seed storage regulations/concerns.

Use Reports - Contract applicator vs. owner/operator application.



## Application Protocol:

Sprayer Calibration - Hand spraying and vehicle spraying.

Mixing and Loading - Mixer/loader safety, environmental safety and efficiency.

Applicator Safety - For hand spraying or vehicle spraying on different terrain.

## Post Application Protocol:

Sprayer Sanitation - Reduce cross contamination or phytotoxicity to desirable plants.

Application Evaluation - Any factors need changing to improve the application process.

Equipment Storage - Preparing equipment for off-season storage.

## Program Evaluation:

Evaluate the success of the treatments 1-12 months after application.

Discuss necessary changes in timing, product selection or application method.

## Customizing Your Equipment



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