

## **LOW VOLUME SPRAY APPLICATION - TURF, ORNAMENTAL (BAHIAGRASS, COMMON BERMUDAGRASS, ZOYSIAGRASS)**

### General Information

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### Droplet Size

Use only Medium or coarser spray nozzles according to ASAE (S572) definition for standard nozzles.

#### Wind Speed

Do not apply at wind speeds greater than 10 mph.

#### Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: 1) conditions of temperature inversion exist, or 2) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

#### Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

## Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

## Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

## USE PRECAUTIONS

For turf use, the maximum number of broadcast applications per treatment site is 2 per year. Failure to observe all precautions may result in injury to turf and/or susceptible plants.

## PRODUCT INFORMATION

This product combines 2,4-D, Mecoprop-p, Dicamba and Pyraflufen to provide fast-acting broadleaf weed control.

- Postemergent control of a comprehensive list of tough broadleaf weeds in turfgrass.
- Fast-acting formulation designed to show weed injury symptoms within 24 to 48 hours of application.
- Active on broadleaf weeds, yet gentle on most desirable established turfgrasses.
- Pyraflufen-Ethyl not only accelerates the speed of control, but is also an effective herbicide that broadens the weed control spectrum of the product.

## USE SITES

This product is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields, Golf Courses (Fairways, Aprons, Tees and Roughs), Sod Farms and similar turf areas.

Avoid mist to (spray drift) vegetables, flowers, ornamentals, shrubs, trees and other desirable plants. Do not pour spray solutions near these plants. Do not spray on carpetgrass, dichondra nor on lawns or turf where desirable clovers are present. Avoid fine mists. Except as noted, use only lawn-type sprayers. Coarse sprays are less likely to "wind-drift". Use coarse spray droplets. Do not spray roots of ornamentals and trees. Do not exceed specified dosages for any area; be particularly careful within the dripline of trees and other species. Do not use this

product near or in greenhouses.

#### TIMING

For best results, apply this product to young, actively growing weeds as a postemergence broadcast or spot spray. Follow-up applications may be required for dense infestations and hard to control species.

#### NEWLY SEEDED AREAS:

Do not apply to newly seeded grasses until well established unless discoloration or damage can be tolerated.

#### NEWLY SODDED, SPRIGGED, OR PLUGGED AREAS:

Do not apply to newly sodded, sprigged, or plugged grasses for at least 3 to 4 weeks after the sodding, sprigging, or plugging operations.

#### SEEDING:

Reseed no sooner than 2 weeks after application of this product. In areas that are slit seeded, to assure seed soil contact, reseeding interval may be reduced to 7 days.

#### MOWING:

For best results, turf should not be mowed for 1 to 2 days before or after application to maximize leaf surface of the target plant and aid in translocation.

#### IRRIGATION, RAINFALL AND TEMPERATURE

When air temperature exceeds 90°F, temporary turf injury may result from broadcast applications. Limit applications to spot or directed applications manage the application rate to minimize the potential for injury.

When treating Carpetgrass, avoid broadcast applications when air temperature exceeds 80°F. When air temperatures exceed 80°F, limit application to spot treatment only to avoid temporary turf injury.

Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, do not apply if rainfall is expected within 4 hours; delay irrigation cycle for 24 hours.

Limitations, Restrictions, and Exceptions

BLUEGRASS, FESCUE, RYEGRASS

Controlled Droplet Applicators (CDA), Atomizers and Spinning Disk Applicators

#### USE DIRECTIONS

Use in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment); and follow CDA spray instructions for cool season grasses. Use reduced rates if grass is stressed from heat, drought, etc.

Method

[Broadcast/Foliar Ground](#)

[Spot Spray](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

12 hours

Timings

[Postemergence \(Weed\)](#)