

# **ORNAMENTAL LAWNS AND TURF - BENTGRASS**

## 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 (ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

### DROPLET SIZE

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a coarse or coarser spray, apply only as a coarse or coarse spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray, apply only as a medium or coarse spray (ASAE 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

### WIND SPEED

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a medium spray, leave one swath unsprayed at the downwind edge of the treated field.

### TEMPERATURE INVERSIONS

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

### OTHER STATE AND LOCAL REQUIREMENTS

Applicators must follow all state and local pesticide drift requirements regarding

application of 2,4-D herbicides. When 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.

If applied by ground boom, do not apply with a nozzle height greater than 4 feet above the target site.

## USE PRECAUTIONS

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 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. Do not spray on buffalograss, carpetgrass, dichondra, nor on grasses where desirable clovers are present. Avoid fine mists. Use a lawn type sprayer with coarse spray as wind drift is less likely. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Apply to newly seeded lawns or turf after grasses are well established and have been mowed three times. Avoid broadcast applications when air temperature exceeds 90 degrees. When using small, spot treatment applications in temperature over 90 degrees, turf injury may occur.

For optimum results: (1) turf should not be mowed for 1 to 2 days before and after application; (2) do not apply if rainfall is expected within 8 hours; nor should lawns be irrigated (watered) for 24 hours following application;(3). reseed no sooner than three to four weeks after application of this product.

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in the application equipment. All regulations, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

Limitations, Restrictions, and Exceptions

## ORNAMENTAL LAWNS AND TURF

### Bentgrass Turf (Putting and Bowling Greens)

On closely mowed Bentgrass - other than golf course greens and tees, apply this product at the same rates as for warm season grasses, in May or mid-August through September when weeds are actively growing. Exercise care to avoid overdosing bentgrass or injury may result. Slight turf yellowing should disappear after about 1 week.

On closely mowed golf course fairways and tees or bowling greens - apply when weeds are actively growing and temperatures are low. Exercise care to avoid over application to prevent injury. Temporary discoloration may occur.

For post-emergence use on turf, ornamental (such as golf courses, cemeteries, parks, sports fields, turfgrass, lawns and other grass areas) the following application restrictions apply:

Limited to 2 broadcast applications per year. Limited to 2 spot treatments per year. Minimum of 30 days between applications. Maximum of 4.4 pints per broadcast application. Maximum of 13.5 pints per spot treatment only. Spot treatment is defined as a treatment no greater than 1,000 square feet per acre.

Not for use on Sod Farms in Arizona.

#### Method

[Broadcast/Foliar Ground](#)

[Spot treatment](#)

#### Rates

[field rates 0](#)

[field rates 1](#)

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#### Restricted Entry Interval

48 hours

#### Timings

[Postemergence \(Weed\)](#)