

WARM SEASON GRASSES (BERMUDAGRASS, ST. AUGUSTINEGRASS, ETC.) - GOOSEGRASS, CUDWEED, ETC.

General Information

For use on any turfgrass site (lawns, sod, turf areas) including, but not limited to: grounds or lawns around residential and commercial establishments, golf courses, parks, athletic fields, schools, cemeteries, roadsides and sod farms.

For use on established turfgrasses including bentgrass, bermudagrass, and *Poa annua* (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of the grasses. See "Bermudagrass, Bentgrass and *Poa annua* Precautions" and "Limitation of Liability" statements.

Not for use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended.

How/When to Use

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, tall panicum, *Poa annua*, oxalis, knotweed, purslane, and prostrate spurge, apply in spring before they sprout.

To prevent *Poa annua* and fall germinating chickweed, apply product to dry foliage in late summer/early fall (before germination). Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should not be sooner than 4 months.

Where lower infestations are expected, the lighter rates may be used.

Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (1/4-1/2 inch) to remove granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying as a segment to application. Allow at least a four month space between the applications except when repeat applications are

necessary after 6-8 weeks.

Do not mow treated area until product has been watered in and turf foliage has dried.

Precautions

Do not use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended.

On cool season turfgrasses avoid applications when temperatures are regularly in the 80's.

This product may cause discoloration and thinning where over-applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature - below 40°F, scalping, and excessive soil moisture).

Do not apply to dormant bentgrass and *Poa annua* (turf that is not actively growing or has experienced frost).

When any preemergence herbicide is applied to dormant bermudagrass, green-up may be delayed 2 to 3 weeks in the spring. The delay in green-up may be extensive in low-cut bermudagrass and on sandy soils.

As with most other preemergence herbicides, application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply to turfgrass or *Poa annua* after late summer.

Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

Metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5-10 MPH) due to its staining potential.

Properties of All Dinitroaniline (DNA) Products

May cause temporary slowing of turf fill-in and stolon-rhizome rooting where turf has been thinned. Requires a waiting period before seeding or sprigging.

Seeding or Sprigging Intervals after Treatment

Delay seeding by 3 months and sprigging by 5 months after application. Prior to planting, for best results, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

Treatment Interval after Seeding or Sprigging

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

Notes

Do not apply more than a cumulative total of 400 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 800 lbs. of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrass; and 1,200 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

Limitations, Restrictions, and Exceptions

Rate:

- 200-266 lbs./acre prior to weed germination with arepat application of 200-266 lbs./acre after 6-8 weeks.

Method

[N. A.](#)

Rates

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Restricted Entry Interval

24 hours

Timings

[Prior to weed germination.](#)