

# **ESTABLISHED TURF - BUFFALOGRASS, KENTUCKY BLUEGRASS AND PERENNIAL RYEGRASS**

## General Information

This product is a turf fertilizer and a preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses, golf courses (excluding putting greens), for sod farms, and lawns, and around landscape ornamentals, established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least  $\frac{1}{2}$  inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application. Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Failure to follow the directions for use and precautions on the label may result in poor weed control.

## Limitations, Restrictions, and Exceptions

### APPLICATION DIRECTIONS

Apply uniformly with suitable calibrated application equipment. Do not apply otherwise.

### ESTABLISHED TURF

This product is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass and lawns. The maximum amount of material that may be applied per year is given for each turf grass species in the Maximum Annual Rates Chart of the label. Most effective weed control in turf grasses will be obtained when this product is activated by at least  $\frac{1}{2}$  inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map for approximate crabgrass seed germination dates.

### USE PRECAUTIONS

The following precautions apply to the use of this product in turf grasses and lawns:

(1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

## RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the weeds listed below. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of "residual preemergence weed control" provided by this product is related to the rate applied.

## WEEDS CONTROLLED

When used in accordance with the label, this product will provide control of the following weeds: Barnyardgrass, Bluegrass, Annual (*Poa Annua*) Carpetweed, Chickweed, Common Chickweed, Mouseear (from seed), Crabgrass (Large, Smooth), Crowfootgrass, Cupgrass Woolly, Foxtails, Annual, Goosegrass (1), Henbit, Itchgrass, Johnsongrass (from seed), Junglerice, Knotweed, Kochia, Lambsquarter, Common, Lovegrass, Panicum (Texas, Fall, Browntop); Pigweed; Purslane, Common; Pusley, Florida, Rescuegrass, (3), Shepherd's purse (2); Signalgrass, Broadleaf; Speedwell, Persian Sprangletop, Spurge, Prostrate; Witchgrass; Woodsorrel, Yellow (from seed).

(1) In many areas a single application of 162 to 375 lbs. per acre will control goosegrass. However under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 162 to 250 lbs. per acre followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates Chart. Do not exceed the maximum rate for turf grass species listed in the

Maximum Annual Rates Chart on the label.

(2) Application for Shepherd's purse should be made in late summer, fall, or winter prior to germination.

(3) Suppression only of rescuegrass. Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

#### WHEN TO: APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

#### WHEN TO: OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table on the label for best overseeding and/or reseeding results.

Method

[N.A.](#)

Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

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Restricted Entry Interval

12 hours

Timings

[Preemergence \(Weed\)](#)