

## **CONTROL OF CRABGRASS: SPRING APPLICATION - SOUTH (PROGRAM 3)**

### General Information

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read the entire label before using this product. Use only according to label instructions. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

New York Use Restrictions: In New York State this product may only be used by professional applicators and at no more than 4.6 pounds per 1,000 square feet (equal to 0.5 pounds active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

#### GENERAL INFORMATION

This product is a herbicide that provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes. This product will not harm nearby established ornamentals when used according to label directions.

#### USE PRECAUTIONS

Turfgrass Safety: This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical-related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product.

- Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury.

Not all varieties of creeping bentgrass have been tested. DO NOT apply this product to Colonial Bentgrass (*Agrostis tenuis*) varieties.

- Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf' and 'Waldina'. Not all varieties of fine fescue have been tested.

- DO NOT use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Note: It is recommended that use of this product be made on a trial basis initially to determine its safety under local use conditions and turf management practices before making widespread use.

Reseeding, Overseeding, or Sprigging: Reseeding, overseeding, or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

Other Use Precautions: The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller.

For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.

Apply this product directly to established lawns or ornamental turfs only. DO NOT apply to flowers, vegetables, shrubs, or trees.

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees. Keep people and pets off treated areas until dust has settled.

Limitations, Restrictions, and Exceptions

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SOUTH: AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN, & TX

Turfgrass cut: Preemergence (low); Postemergence (low)

Subsequent, sequential pre- and / or postemergence applications should be made where longer periods of control are desired.

May require split or sequential application for full control

For Bentgrass, creeping

Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested. DO NOT apply this product to Colonial bentgrass (*Agrostis tenuis*) varieties.

For Fescue, fine

Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', CF-2, 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jameston', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldort', and 'Waldina'. Not all varieties of fine fescue have been tested.

For Buffalograss

DO NOT use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Control of Crabgrass

Preemergence and Early Postemergence Control: This product provides 'preemergence' control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.

It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground. However, it is often difficult to see the very small early stages of crabgrass in well

established lawns and ornamental turfs. Postemergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) It can give the user a 2-4 week longer period of time to make applications and still control crabgrass.

**Application Frequency and Timing:** This product may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer or fall.

**Spring applications:** For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the three control programs listed in Table 1 of the label, depending on the user's location, the turfgrass mowing height, and whether the use is considered to be preemergence or early postemergence at the time of application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

Use Program 3 for preemergence control at sites where (a) turfgrass is cut low (e.g. golf fairways), and (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early post emergence control at sites where turfgrass is cut low (e.g. golf fairways)

**Tips for Improved Control:** For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application. When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result. Use of split (half-rate) applications spaced 6-8 weeks apart may provide improved weed control.

Method

[Directed](#)

Rates

[field\\_rates 0](#)

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Timings

[Preemergence \(Weed\)](#)

[Early Postemergence \(weed\)](#)