



## APPLICATION DIRECTIONS

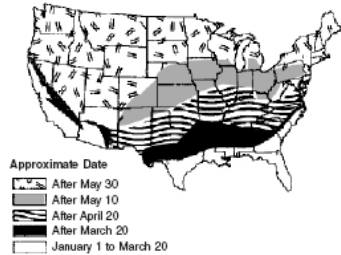
Apply uniformly with suitable, calibrated application equipment.

This product may not be applied near water; storm drains, drainage ditches, or to any impervious surface. The product may not be applied if heavy rain is expected. The product may only be applied to the intended application site. For turf, material that lands on an impervious surface (sidewalks, driveways, streets, or other impervious surfaces) must be swept back onto the turf.

## ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

## CRABGRASS SEED GERMINATION DATES



## USE RESTRICTIONS

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

- 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.
- DO NOT** apply to newly set sod until the following year.
- DO NOT** apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual blue grass (*Poa annua*) are desirable species.
- DO NOT** allow people or pets to enter the treated area until the spray has dried.

## USE PRECAUTIONS

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

- Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
- Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.
- Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.

## 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 target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

## MAXIMUM ANNUAL RATES

This product may be used on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Maximum* Application Rate/Calendar Year of turf fertilizer by turf grass species <sup>(1)</sup>			
Turf Species:	Lbs. Product/A	Lbs. Product /1000 sq.ft.	Lbs. AI/A
Creeping Bentgrass	155	3.6	0.65
Creeping Red Fescue	179	4.1	0.75
Buffalograss Kentucky Bluegrass Perennial Ryegrass	238	5.5	1.0
Bermudagrass <sup>(2)</sup> Bahia grass Centipede grass Seashore Paspalum St. Augustine grass Tall Fescue (including turf-type) Zoysia	357	8.2	1.5

<sup>1</sup>These are the maximum rates per calendar year by species limitations.

<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lbs. AI/A (equal to 119 lbs./A of this product or equal to 2.7 lbs./1000 sq.ft. of this product). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.

- Do not apply more than 1.5 lbs. AI/A per calendar year.
- Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the **Maximum Annual Rates** section.

## 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 following table below for best overseeding/reseeding results.

## OVERSEEDING RATE AND TREATMENT INTERVAL CHART

Lbs. Product /Acre	Lbs. Product /1000 sq.ft.	Lbs. AI/A	Months Before Overseeding		
			North	Transition	South
119	2.7	0.50	4	4	4
155	3.6	0.65	5	4	4
179	4.1	0.75	6	5	5
190	4.4	0.80	-	6	6
238	5.5	1.00	-	7	7
271	6.2	1.14	-	-	9
310	7.1	1.30	-	-	10
357	8.2	1.50	-	-	12

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store this product in its original container in a dry, cool, secured area.

**PESTICIDE DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions. Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## State Specific Restrictions

Information regarding the contents and levels of metals in this product is available at the following website: <http://www.aapfco.org/metals.html>

It is a violation of law in Maryland, New Hampshire, New Jersey, Pennsylvania and Virginia to apply this product to turf at a rate greater than 0.7 lb. per 1,000 sq. ft. per year

The maximum rate of application of this product must not exceed the lesser of the applicable rate determined from the Use Rates or Broadcast Application Rates, and the applicable rate determined in the State Nutrient Restrictions table.

## STATE NUTRIENT RESTRICTIONS

State	Readily Available Nitrogen* Lbs./1,000 sq ft	Total Nitrogen Lbs./1,000 sq ft
MD, NH, VA, PA	0.7	0.9 <sup>1,2</sup>
NJ	0.7	1.0

\* Nitrogen present beyond the amount shown as Readily Available must be in the form of Slow-Release nitrogen

<sup>1</sup> In Virginia, no more than 0.7 lbs. per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lbs. (cool season grasses) or 1.0 lbs. (warm season grasses) per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30 day period. Note: Supplemental applications of fertilizer are needed to achieve a minimum 1 lb. Nitrogen per 1,000 sq ft.

<sup>2</sup> In Pennsylvania, shall not exceed 0.9 pounds of total nitrogen per 1,000 square feet, except when using an enhanced-efficiency nitrogen fertilizer, providing the nitrogen release rate does not exceed 0.7 pounds of nitrogen per 1,000 square feet.

In the state of Delaware, this product should not be applied to any site that is flooded, frozen, or snow covered.

Do not apply near water storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn and garden.

## WARRANTY AND LIMITATION OF DAMAGES

Conditions of sale: To the extent consistent with applicable law, Growmark, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to Growmark, Inc. To the extent consistent with applicable law, GROWMARK, INC. disclaims all other warranties, express or implied. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GROWMARK, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND GROWMARK, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. GROWMARK, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.