Greenyard Crabgrass Preventer
With 0.22% Dimension®

16-0-3
Guaranteed Fertilizer Analysis

Total Nitrogen (N)	16%
0.00% Ammoniacal Nitrogen	
16.00% Water Soluble Nitrogen*	
0.00% Water Insoluble Nitrogen	
Available Phosphate (P_2O5)	0%
Soluble Potash (K_2O)	3%

Derived From: Urea, Polymer Coated Urea, Muriate of Potash

*8.00% Slowly Available Nitrogen from Polymer Coated Urea

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.

IN MD APPLY AT A MAXIMUM OF .9# OF NITROGEN PER 1,000 SQ. FT.

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GROUP 3 HERBICIDE

For season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs and tee boxes.

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

In the state of New York, this product may be applied only by commercial applicators at a minimum of 114 lb (0.25 lb active ingredient) per acre (2.5 lb per 1000 sq ft) and no more than 227 lb (0.5 lb active ingredient) per acre (5.2 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

ACTIVE INGREDIENT

ethiopyr: 3,5- pyridinedicarbothioic acid, 2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester	0.22%
Other Ingredients	99.78%
Total	100.0%

This product contains 0.11 pound of the active ingredient ethiopyr per 50 pound bag.

EPA Reg. No. 62719-494-534 EPA Est. No. 75327-PA-12

KEEP OUT OF REACH OF CHILDREN
CAUTION

If this product is being sold in a state requiring the publication of information regarding its metal content, 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, and New Jersey to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq.ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply.

For use in Virginia, no more than 0.7 lb per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (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.

For use in Maryland, 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.

For Maryland applications which contain Phosphorus, this product may not be used on turf in the state of Maryland except when 1) providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that was conducted by a laboratory identified under §8-801.7 of the Agriculture Article, Annotated Code of Maryland, performed no more than 3 years before the application; 2) establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the recommended application rates established by the State; or 3) reestablishing or repairing a turf area. Not for use on established lawns or grass in MD. If phos>5% and is not classified as a "starter" fertilizer.

For Virginia and New Jersey applications which contain Phosphorus, this lawnturf fertilizer is only for nonagricultural use on (i) turf during its first growing season, (ii) on turf areas being repaired or renovated, and (iii) on turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not for the routine maintenance of turf.

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	0.7	0.9
NJ	0.7	1.5

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

Note: Supplemental applications of fertilizer are needed to achieve a minimum 1lb Nitrogen per 1,000 sq ft.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes Eye Irritation • Harmful if Inhaled

Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area.
Pesticide Disposal: Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.
Container Handling: Nonrefillable container. Do not reuse or refill this container. 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.

Use Directions for Turf

Dimension® 0.22% FG turf and ornamental herbicide provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs, and tee boxes. When used according to label directions, this product will not harm nearby established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

Use Precautions for Turf

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. Initial application of this product should be made only after turfgrasses have developed a vigorous root system, a uniform stand, and have received at least two mowings following seeding, sodding, or sprigging. Use of this product on turfgrasses that are not well-established, or weakened by stress from weather, pests, disease, chemical, or mechanical influences, may increase the chances of turf injury.

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

Cool-Season Grasses		Warm-Season Grasses			
bentgrass, creeping [2]	*Agrostis palustris*	bahiagrass	*Paspalum notatum*	bluegrass	*Poa pratensis*
bluegrass, Kentucky	*Poa pratensis*	bermudagrass	*Cynodon dactylon*	St. Augustinegrass	*Stenotaphrum secundatum*
fescue, fine [1]	*Festuca rubra*	bermudagrass [3]	*Cynodon dactylon*	zoysiagrass	*Zoysia japonica*
fescue, tall	*Festuca arundinacea*	buffalograss [3]	*Buchloe dactyloides*		
ryegrass, perennial	*Lolium perenne*	carpetgrass	*Axonopus affinis*		
		centipedegrass	*Eremochloa ophiuroides*		
		kikuyugrass	*Pennisetum clandestinum*		

[2] Use of this product on certain varieties of creeping bentgrass, such as 'cohansey', 'carmen', 'seaside', and 'Washington' may result in unacceptable turfgrass injury. Not all varieties of creeping bentgrass have been tested. Do not apply this product to colonial bentgrass (Agrostis tenuis).
[1] Use of this product on certain varieties of fine fescue may result in unacceptable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'banner', 'beauty', 'bigart', 'CF-2', 'enjoy', 'HF-93', 'highlight', 'koln', 'Jamestown', 'koket', 'molenta', 'mary', 'pennlawn', 'tamara', 'tiffand', 'waldorf', and 'waldina'. Not all varieties of fine fescue have been tested.
[3] Do not use this product on seeding buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.
Note: It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area, at specified use rates, prior to initiating large-scale use.

Precautions for Reseeding, Overseeding, or Sprigging

- Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 5.2 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses.
- When reseeding or overseeding, follow established cultural practices for seedbed preparation, seeding, irrigation and fertilization.
- For best overseeding results, use mechanical or power seeding equipment (slit seeders) designed to provide good contact between soil and seed.

Precautions for Control of Crabgrass

Early postemergence weed control with this product is limited to crabgrass. Postemergence application effectively controls crabgrass, but only if application is made prior to the 3-leaf stage of growth 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 turfgrass has recovered from the mechanical injury caused by these cultural practices.

Use Restrictions

- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not allow people or pets to enter treated area until dust has settled.
- Do not graze livestock or feed forage cut from areas treated with this product.

Application Directions for Turf

Apply Dimension® 0.22% FG turf and ornamental herbicide with equipment that provides a uniform particle distribution. Calibrate application equipment prior to usage. Avoid streaking, skips, or excess overlaps during application.

Preemergence Application Rates, Frequency and Timing

For preemergence grass and broadleaf weed control, apply Dimension® 0.22% FG turf and ornamental herbicide as single or sequential application at 114 to 227 pounds (0.25 to 0.5 lb active ingredient) per acre. Applications may choose to make a single application or sequential applications at 114 to 227 pounds per acre at 5 to 10 week intervals based on one or more of the factors listed below. Avoid streaking, skips, or excess overlaps during application.

- Length of residual weed control desired
- Height of turf (lower cut turf may require higher use rates)
- History and success of weed control at the application site (use higher listed application rates if herbicide treatment history is unknown or weed control was poor with previous applications)
- Exposure to high temperatures and heavy rainfall or irrigation (this will shorten the residual preemergence performance)
- On turf sites adjacent to hard surfaces including driveways, sidewalks and parking lots where residual activity may be reduced
- Some target weed species (such as but not limited to Poa annua, goosegrass and sandbur) will require higher use rates

Tips for Improved Weed Control

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

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Distributed by: Growmark Inc., 1701 Towanda Ave., Bloomington, IL 61701 Net Weight: 50 LBS. (22.6 kg)
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Maximum Use Rates (Applies to all Turfgrass Uses)

- Do not apply more than 227 lb (0.5 lb active ingredient) per acre (5.2 lb per 1000 sq ft) per application.
- Do not apply more than 6 times per year and do not apply more than 682 lb (1.5 lb active ingredient) per acre (15.6 lb per 1000 sq ft) per year if using split or sequential applications.
- To minimize the potential for plant injury, do not make additional applications within five weeks of the previous application.
- In the state of New York, this product may be applied only by commercial applicators at no more than 227 lb (0.5 lb active ingredient) per acre (5.2 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Control of Crabgrass

Preemergence and Early Postemergence Applications from Late Winter through Summer

- This product provides "preemergence" control of crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to germination and emergence of crabgrass at use rates from 114 to 227 pounds of product (0.25 to 0.5 lb ai) per acre.
- This product also provides "early postemergence" control of crabgrass if applied in late spring or early summer prior to the 3-leaf stage of growth or first tiller as described below. This stage of growth generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. The practical benefit of early postemergence crabgrass control is a 2–4 week longer period of time (window of application) during which crabgrass control can be achieved.

Fall Applications

This product can also be applied in the late summer through early fall (late August through November) at use rates from 114 to 227 pounds per acre to provide control of crabgrass through the early part of the next spring. Fall application of this product may be followed by an appropriately timed application in the following spring for season-long control of crabgrass.

Weeds Controlled or Suppressed

Spring Applications

When applied preemergence (prior to germination) for control of crabgrass in the spring, this product will also control or suppress the following weeds:

Grasses		Broadleaf Weeds			
barley	*Hordeum spp.*	bittercress [1]	*Cardamine spp.*	spurge, garden	*Euphorbia hirta*
barnyardgrass	*Echinochloa crus-gall*	carpetweed	*Mollugo verticillata*	spurge, prostrate	*Euphorbia humistrata*
bluegrass, annual	*Poa annua*	chickweed [1]	*Stellaria spp.*	spurge, spotted	*Euphorbia maculata*
brome	*Bromus spp.*	geranium, Carolina [1]	*Geranium carolinianum*	woodsorrel, creeping	*Oxalis corniculata*
crabgrass, large	*Digitaria sanguinalis*	henbit	*Lamium spp.*	woodsorrel, yellow	*Oxalis stricta*
crabgrass, smooth	*Digitaria ischaemum*	knotweed, prostrate	*Polygonum aviculare*		
crabgrass, Southern	*Digitaria ciliaris*	lespedeza, common [1]	*Lespedeza striata*		
crowngrass [1]	*Dactyloctenium aegyptium*	marestail	*Conyza canadensis*		
dallisgrass (seedling)	*Paspalum dilatatum*	medic, black	*Medicago lupulina*		
goosegrass	*Eleusine indica*	mustard	*Brassica spp.*		
foxtail, green	*Setaria verdi*	oxalis, buttercup	*Oxalis pes-caprae*		
foxtail, yellow	*Setaria lutesi*	pineappleweed [1]	*Matricaria matricarioides*		
kikuyugrass [1]	*Pennisetum clandestinum*	pigweed, redroot	*Amaranthus retroflexus*		
oat, wild	*Avena fatua*	parsley-piert [1]	*Alchemilla arvensis*		
ryegrass	*Lolium spp.* (annual & perennial)	purslane, common	*Portulaca oleracea*		
sandbur	*Cenchrus spp.*	rocket, London	*Sisymbrium irio*		
smutgrass	*Sporobolus indicus*	shepherdspurse	*Capsella bursa-pastoris*		
		speedwell, corn [1]	*Veronica arvensis*		

[1] Suppression only

Fall Applications

When applied preemergence (prior to germination) in late summer through early fall (late August through November) this product will control or suppress the following weeds in addition to providing preemergence control of crabgrass in the following spring.

bluegrass, annual	*Poa annua*
bittercress	*Cardamine spp.*
chickweed	*Stellaria spp.*
henbit	*Lamium spp.*
geranium, Carolina	*Geranium carolinianum*
parsley-piert	*Alchemilla arvensis*
pineappleweed	*Matricaria matricarioides*
shepherdspurse	*Capsella bursa-pastoris*

WEED RESISTANCE MANAGEMENT

Dithiopyr, the active ingredient in this product, is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants resistant to Group 3 herbicides. Resistant weeds may dominate the weed population if these herbicides are used repeatedly in the same field. Such resistant weed plants may not be effectively managed using Group 3 herbicides but may be effectively managed utilizing other herbicides alone or in mixtures from a different herbicide Groups that are labeled for control of these weeds and/or by using cultural or mechanical practices. However, an herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

BEST MANAGEMENT PRACTICES

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after an herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

APPLICATION INSTRUCTIONS AND EQUIPMENT

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the specified application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

Refer to equipment table on back of bag.

TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

WARRANTY DISCLAIMER

Seller 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 strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.