

GreenYard Crabgrass Preventer
with 0.42% Cavalcade®

Table with 2 columns: Fertilizer Analysis, Percentage. Rows include Total Nitrogen (N), Available Phosphate (P2O5), Soluble Potash (K2O), and Derived From: Urea, Polymer Coated Sulfur Coated Urea.

Table with 4 columns: PRODIAMINE, GROUP, 3, HERBICIDE. Below the table is text: For selective preemergence control of grass and broadleaf weeds in: • Established Turf Grasses (excluding golf course putting greens) and lawns

Table with 2 columns: ACTIVE INGREDIENT, Percentage. Rows include Prodiamine, Other Ingredients, and Total.

EPA Reg. No. 60063-43-534 EPA Est. No. 75527-PA-12

KEEP OUT OF REACH OF CHILDREN
CAUTION

Table with 2 columns: FIRST AID, Instructions. Rows include IF IN EYES, IF SWALLOWED, IF ON SKIN OR CLOTHING, IF INHALED, and Emergency Phone Numbers.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that

wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment wash water.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

DIRECTIONS FOR USE

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

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

- This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:
- Established turf grasses (excluding golf course putting greens) and lawns

This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on ornamental plants being grown for; (1) Sale or other commercial use, (2) for commercial seed production, or (3) 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 and grounds.

- 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.
- DO NOT apply this product through any type of irrigation system.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

RESISTANCE MANAGEMENT

- For resistance management, this product is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.
- To delay herbicide resistance, take one or more of the following steps:
- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance management and/or integrated weed-management recommendations for specific crops and weed biotypes.

INTEGRATED WEED PEST MANAGEMENT

Integrate this product into an overall weed pest management strategy whenever the use of an herbicide is required. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding) should be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

WEEDS CONTROLLED

When used in accordance with this label this product will provide control of the following weeds:

Table with 3 columns: Weed Name, Common Name, Location. Rows include Barnyardgrass, Bluegrass, Annual (Poa annua), Carpetweed, Chickweed, common, Chickweed, mouse ear (from seed), Crabgrass (large, smooth), Crowfootgrass, Cupgrass, Woolly, Foxtails, Annual, Goosegrass, Henbit, Itchgrass, Johnsongrass (from seed), Junglerice, Knotweed, Kochia, Lambsquarter, common, Lovegrass, Panicum (Texas, Fall, Browntop), Pigweed, Purslane, common, Pusley, Florida, Rescuegrass, Shepherd's Pursel, Signalgrass, Broadleaf, Speedwell, Persian, Sprangletop, Spurge, Prostrate, Witchgrass, Woodsorrel, Yellow (from seed).

In many areas a single application of 0.65 lb. to 1.5 lb. active ingredient per acre (equal to 155 lbs. to 357 lbs./A of this product or equal to 3.6 to 8.2 lbs./1000 sq.ft. of this product) 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 0.65 lb. to 1.0 lb. a.i. per acre (equal to 155 lbs. to 238 lbs./A of this product or equal to 3.6 to 5.5 lbs./1000 sq.ft. of this product) followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates section. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates section.

Applications for this weed should be made in late summer, fall, or winter prior to germination. Suppression only. Sequential applications 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.

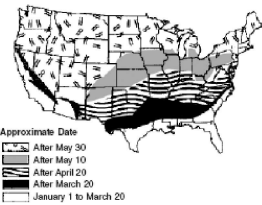
APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

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 RESTRICTION

- The following restrictions apply to the use of this product in turf grasses and lawns:
- DO NOT cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year.
- 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.
- 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.
- 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.
- 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 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.

Distributed by: Growmark Inc., 1701 Towanda Ave., Bloomington, IL 61701 20230110

Net Weight: 50 LBS. (22.6 kg)

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 ANNUAL RATES			
Maximum Application Rate/Calendar Year of turf fertilizer by turf grass species ⁽¹⁾			
Turf Species:	Lbs. Product/A	Lbs. Product /1000 sq.ft.	Lbs. a.i./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 ⁽²⁾ Bahia grass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysia	357	8.2	1.5

¹These are the maximum rates per calendar year by species limitations.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lb. a.i./acre (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. a.i. per calendar year per acre (equal to 357 lbs./A of this product or equal to 8.2 lbs./1000 sq. ft. of this product).
- 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** table.

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. a.i./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 LANGUAGE

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

The maximum rate of application of this product must not exceed the lesser of the applicable rate determined from the **Maximum Annual Rates** section table, and the applicable rate determined in the **State Nutrient Restrictions** table below.

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	1.0

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

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

CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Growmark Inc. or the Seller. All such risks shall be assumed by the Buyer. 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 referred to in the **Directions for Use** subject to the inherent risks referred to above. To the extent consistent with applicable law, **Growmark Inc. makes no other express or implied Warranty of Fitness or Merchantability or any other express or implied warranty. To the extent consistent with applicable law, in no case shall Growmark Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this Product.** Growmark Inc. and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Growmark Inc. Cavalcade® is a trademark of Sipcam Agro USA, Inc.