

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 06, 2025

Pam Angeles Pam.Angeles@hjefertilizer.com HOWARD JOHNSON'S ENTERPRISES, INC.

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment - Updates per

prodiamine interim decision and additional changes

Product Name: CRABGRASS PREVENTER PLUS WITH .29% PRODIAMINE

PREEMERGENCE HERBICIDE

Admin Number: 32802-70

EPA Start Date: 07/29/2019 and 02/11/2020 Action Case Number: 475145 and 636356

Dear Pam Angeles:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Prodiamine Final and/or Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or

misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Margaret Golembiewski via email at golembiewski.margaret@epa.gov.

Kable Bo Davis; Senior Advisor

Kable Bo Davis

HB,RD

Office of Pesticide Programs

PRODIAMINE (

GROUP

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HERBICIDE

CRABGRASS PREVENTER PLUS WITH .29% PRODIAMINE PREEMERGENCE HERBICIDE

[Sublabel A: Residential lawns and outdoor domestic use with applications by homeowners

FOR SELECTIVE PREEMERGENCE CONTROL OF GRASS and BROADLEAF WEEDS IN RESIDENTIAL LAWNS

STOPS MANY [UGLY] WEED GRASSES BEFORE THEY GROW. PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL & MORE.

(See Marketing Claims Section for Additional Claims)

ACTIVE INGREDIENT:

 Prodiamine: (CAS 29091-21-2)
 .0.29%

 OTHER INGREDIENTS:
 .99.71%

 TOTAL:
 .100.00%

EPA Reg. No. 32802-70

EPA Est. No. 59144-GA-1 (A), 32802-MO-1 (B), 37351-CO-1 (C), 8378-IN-1 (D), 9404-FL-1 (E)

First letter of bag code shows establishment where manufactured.

[See tag attached to bag for fertilizer guaranteed analysis.]

ACCEPTED

02/06/2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 32802-70

GUARANTEED ANALYSIS XX-X-X	
Total Nitrogen (N)	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ 0)	X%
Sulfur (S)	X%
x.x% free sulfur (S)	

Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride.

This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx

Fertilizer grades with nutrient contents expressed as the percentages of N, P₂O₅ and K₂O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

Chlorine (CI), not more than XX.XX%

Nitrogen fertilizer inert ingredients, providing from 0% to 47% available nitrogen.

Phosphate fertilizer inert ingredients, providing from 0% to 52% available phosphorous.

Potassium fertilizer inert ingredients, providing from 0% to 62% available potassium.

Micronutrient fertilizer inert ingredients, providing from 0% to 50%.

All fertilizer inert ingredients not to exceed 95.96%.

^{*}A portion of the urea has been coated to provide x.x% coated slow-release nitrogen.

Manufactured by: Howard Johnson's Enterprises, Inc. 9675 S 60th Street, Franklin, WI 53132

BARRICADE" is a registered trademark of Syngenta Crop Protection

Read the entire Label before using this product. If terms are not acceptable, return the unopened product container at once to the seller.

For Chemical Spill, Leak, Fire or Exposure, Call CHEMTREC (800) 424-9300

For information on this pesticide product including health concerns, medical emergencies, or pesticide incidents, Call the National Pesticide Information Center at 1-800-858-7378.

(Brackets [] contain optional language for use in states where the maximum application rate is limited by N restrictions)

NET WEIGHT: [XXX lbs]

Covers up to XX,XXX sq. ft. (XXXX' x XX') and/or This bag covers XX,XXX sq. ft.

KEEP OUT OF REACH OF CHILDREN CAUTION

[See back panel for further Precautions and First Aid information.]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet

ENVIRONMENTAL HAZARDS:

To protect the environment, do not allow this product to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather will help to ensure that wind does not blow this product off the treated 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. 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 the treated site. Protect the forage and habitat of not-target organisms by following label directions intended to minimize spray drift.

	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 on skin	Take off contaminated clothing.			
or clothing	Rinse skin immediately with plenty of water for 15-20 minutes.			
	Call a poison control center or doctor for treatment advice.			
If swallowed	Call a poison control center or physician immediately for treatment advice.			
	Have person sip a glass of water if able to swallow.			
	Do not induce vomiting unless told to do so by the poison control center or physician.			
	Do not give anything by mouth to an unconscious person.			
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 800-424-9300 or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

DIRECTIONS FOR USE:

USE PRECAUTIONS: The following precautions apply to the use of this product in <u>turf grasses and lawns.</u> Application of this product may thin emerged annual bluegrass and newly overseeded grasses. 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 to turf stressed by drought, low fertility, or pest damage may result in turf injury Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control.

USE RESTRICTIONS: Do not apply to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species. Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Do not apply to newly set sod until the following year. Do not apply through any type of irrigation system. Do not apply aerially. Do not gaze or feed livestock forage cut from treated areas. 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.

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

NOTICE: If fertilizer contains boron. Some crops may be injured by application of boron. This fertilizer is to be used only on soils which respond to molybdenum. Crops high in molybdenum are toxic to ruminants.

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seed germination and root development. When used according to directions, it will control: barnyardgrass; bluegrass, annual (*Poa annua*); carpetweed; chickweed, common; chickweed, mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass, woolly; foxtails, annual; goosegrass¹; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass³; shepherd's purse²; signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

- 1. In many areas [where not prohibited by fertilizer use restrictions**] a single application of 5.2 to [10.6] 11.9 pounds / 1000 square feet (225 to [462] 518 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 5.2 to 7.9 pounds / 1000 square feet (225 to 345 pounds/acre) [to areas not prohibited by fertilizer use restrictions,] followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in Rates of Application section of this label).
- 2 For this weed, apply in late summer, fall or winter prior to germination.
- 3 Suppression only.
- [**Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizers in your region.]

WHEN TO APPLY TO ESTABLISHED TURF: This product must be applied prior to germination of weed seed, as it will not control established weeds.

[Graphic – Map showing approximate crabgrass germination dates]

APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days after application.

[BROADCAST SPREADERS: For best results, apply in a circular path starting on the outside and working toward the center overlapping slightly to insure complete coverage.

DROP SPREADERS: Apply 2 strips along each end. Then apply along length of lawn, overlapping slightly and shutting off the spreader before each turn at edge of border strips.



SPREADER SETTINGS to apply at the listed pounds per 1000 square feet								
[2.75 lbs] [5.2 lbs] [6 lbs] [7.9 lbs] [10.6] 11.9 lbs								
Spreader A								
(May contain additional spreader brands/models, spreader settings and spreader use instructions as appropriate for								

SETTING YOUR LAWN SPREADER

the product)

THESE SETTINGS ARE A GUIDE. They were determined by landscape professionals using new spreaders. The condition of your spreader, your walking speed, the roughness of the lawn, and even the humidity can affect how fast the lawn food comes out. Watch flow rate. If fertilizer appears to be coming out either slower or faster than you are covering your lawn, adjust the setting. Close the spreader when filling, turning or stopping.

[Advisory For Fertilizers Containing Iron:

Keep this product off sidewalks, patios, driveways, etc. This fertilizer may stain concrete and painted surfaces. If it comes in contact with concrete surfaces, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.]

(Optional/Alternate Application Directions)

- 1. Determine size of area to be treated measure length and width in feet, then multiply to determine coverage area in square feet (length x width). Next, subtract non-lawn areas.
- 2. Use the spreader setting chart to determine the appropriate setting.
- 3. Apply evenly over dry grass, avoiding streaks, skips and overlaps thorough coverage is important. On hot days (above 80° F), water the lawn to rinse particles off the grass.

Note: The spreader settings listed at right *are* approximate. It is important to check calibration of spreader frequently to ensure spreader is functioning properly and applying product evenly. To check calibration, accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary in order to ensure correct rate of application.

RATES OF APPLICATION: Use this product on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not exceed the maximum yearly rate listed:

Minimum and Maximum Application Rates (by Turf Grass Species)1				
Turf Species	Minimum Rate	Maximum Rate		
Bahiagrass[2],	2.75 lbs/1000 sq. ft	[10.6] 11.9 lbs/1000 sq. ft. per		
Centipedegrass[2]	(120 lbs/acre)	year		
Bermudagrass3,		([462] 518 lbs/acre per year)		
Zoysiagrass				
Seashore Paspalum				
St. Augustinegrass				
Tall Fescue				

(including turf-type)		
Buffalograss	2.75 lbs/1000 sq. ft	7.9 lbs/1000 sq. ft. per year
Kentucky Bluegrass	(120 lbs/acre)	(345 lbs/acre per year)
Perennial Ryegrass		
Creeping Red Fescue	2.75 lbs/1000 sq. ft	6 lbs per 1000 sq. ft. per year
-	(120 lbs/acre)	(260 lbs/acre per year)
Creeping Bentgrass	2.75 lbs/1000 sq. ft	5.2 lbs per 1000 sq. ft. per year
	(120 lbs/acre)	(225 lbs/acre per year)

- 1 These are the maximum rates per calendar year.
- 2 [In Florida: Do not exceed 2 applications per year to Bahiagrass and Centipedegrass in the north. Do not exceed 3 applications per year to Centipedegrass in the central and south regions. Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizers in your region.]
- 3 May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 4.1 lbs /1000 square feet (179 lbs/acre). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates for each turf species. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control. The retreatment interval is 60-90 days.

[WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/ reseeding results.

Use Rate	e Rate Months Before Overseeding		
	North	Transition	South
2.75 lbs/1000 sq ft (120 pounds/acre)	4	4	4
5.2 lbs/1000 sq ft (225 pounds/acre)	5	4	4
6 lbs/1000 sq ft (260 pounds/acre)	6	5	5
6.3 pounds/1000 sq ft (275 pounds/acre)		6	6
7.9 pounds/1000 sq ft (345 pounds/acre)		7	7
9 lbs/1000 sq ft (393 pounds/acre)			9
10.3 lbs/1000 sq ft (448 pounds/acre)			10
11.9 lbs/1000 sq ft (518 pounds/acre)			12
[10.6 lbs/1000 sq ft (462 pounds/acre)]			12

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in original container in a cool, dry, locked storage area out of reach of children and domestic animals.

PESTICIDE AND CONTAINER HANDLING

IF EMPTY: Nonrefillable container: Do not reuse or refill this container. Offer for recycling, if available.

IF PARTLY FILLED: Call your local solid waste agency for disposal instructions. Never place any unused product down any indoor or outdoor drain or toilet.

WARRANTY

1

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Howard Johnson's Enterprises, Inc. the manufacturer, or the seller. To the extent consistent with applicable law, the products sold to you are furnished "as is" by Howard Johnson's Enterprises, Inc. The manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label Howard Johnson's Enterprises, Inc, the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to

the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Howard Johnson's Enterprises, Inc the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of Howard Johnson's Enterprises, Inc, or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Howard Johnson's Enterprises, Inc, the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

Sublabel B: For commercial applications

PRODIAMINE GROUP 3 HERBICIDE

FOR SELECTIVE PREEMERGENCE CONTROL OF GRASS and BROADLEAF WEEDS IN LAWNS AND ORNAMENTAL TURF (excluding golf course putting greens), LANDSCAPE ORNAMENTALS, ESTABLISHED PERENNIALS & WILDFLOWER PLANTINGS.

STOPS MANY [UGLY] WEED GRASSES BEFORE THEY GROW. PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL & MORE.

ACTIVE INGREDIENT:

 Prodiamine: (CAS 29091-21-2)
 .0.29%

 OTHER INGREDIENTS:
 .99.71%

 TOTAL:
 .100.00%

EPA Reg. No. 32802-70

EPA Est. No. 59144-GA-1 (A), 32802-MO-1 (B), 37351-CO-1 (C), 8378-IN-1 (D), 9404-FL-1 (E)

First letter of bag code shows establishment where manufactured.

[See tag attached to bag for fertilizer guaranteed analysis.]

GUARANTEED ANALYSIS XX-X-X	
Total Nitrogen (N)	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash (K ₂ 0)	X%
Sulfur (S)	X%
x.x% free sulfur (S)	

Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride.

*A portion of the urea has been coated to provide x.x% coated slow-release nitrogen.

This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx

Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P_2O_5 and K_2O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations. Chlorine (CI), not more than XX.XX%

Nitrogen fertilizer inert ingredients, providing from 0% to 47% available nitrogen.

Phosphate fertilizer inert ingredients, providing from 0% to 52% available phosphorous.

Potassium fertilizer inert ingredients, providing from 0% to 62% available potassium.

Micronutrient fertilizer inert ingredients, providing from 0% to 50%.

All fertilizer inert ingredients not to exceed 95.96%.

Manufactured by: Howard Johnson's Enterprises, Inc. 9675 S 60th Street. Franklin. WI 53132

BARRICADE" is a registered trademark of Syngenta Crop Protection

Read the entire LABEL before using this product. If terms are not acceptable, return the unopened product container at once to the seller.

Agricultural Chemical: Do not ship or store with food, feed, drugs or clothing. For Chemical Spill, Leak, Fire or Exposure, Call CHEMTREC (800) 424-9300. For information on this pesticide product including health concerns, medical emergencies, or pesticide incidents. Call the National Pesticide Information Center (800) 858-7378

(Brackets [] contain optional language for use in states where the maximum application rate is limited by N restrictions)

NET WEIGHT: XXX LB

Covers up to XX,XXX sq. ft. (XXXX' x XX') and/or

This bag covers XX,XXX sq. ft.

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for further Precautions and First Aid information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

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 on skin	Take off contaminated clothing.		
or clothing	Rinse skin immediately with plenty of water for 15-20 minutes.		
	Call a poison control center or doctor for treatment advice.		
If swallowed	Call a poison control center or physician immediately for treatment advice.		
	Have person sip a glass of water if able to swallow.		
	• Do not induce vomiting unless told to do so by the poison control center or physician.		
	Do not give anything by mouth to an unconscious person.		

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 800 -424-9300 or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

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 may be toxic to fish. 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 washwaters.

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 the treated site. Protect the forage and habitat of not-target organisms by following label directions intended to minimize spray drift.

DIRECTIONS FOR USE:

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. 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 to turf stressed by drought, low fertility, or pest damage may result in turf injury. Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control.

USE RESTRICTIONS: Do not apply to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species. Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Do not apply to newly set sod until the following year. Do not apply through any type of irrigation system. Do not apply aerially. Do not graze or feed livestock forage cut from treated areas. 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.

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

Not for use on plants being grown for sale or other commercial use, 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 and grounds.

(Alternate wording for WPS exclusionary statement, for use when the product labeling contains only turf uses, (ie when label is split to exclude the directions for use on ornamental sites.))

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seed germination and root development. When used according to directions, it will control: barnyardgrass; bluegrass, annual (*Poa annua*); carpetweed; chickweed, common; chickweed, mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass, woolly; foxtails, annual; goosegrass¹; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass³; shepherd's purse²; signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

- 1. In many areas [where not prohibited by fertilizer use restrictions**] a single application of 5.2 to [10.6] 11.9 pounds / 1000 square feet (255 to [462] 518 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 5.2 to 7.9 pounds / 1000 square feet (255 to 345 pounds/acre) [to areas not prohibited by fertilizer use restrictions,] followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in Rates of Application section of this label).
- 2 For this weed, apply in late summer, fall or winter prior to germination.
- 3 Suppression only.
- [**Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizers in your region.]

WEED RESISTANCE MANAGEMENT

For resistance management, Crabgrass Preventer Plus with .29% Prodiamine Preemergence Herbicide is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to (name of product) and other Group (mode of action group number) 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 Crabgrass Preventer Plus with .29% Prodiamine Preemergence Herbicide 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.
- 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.
- Report any incidence of non-performance of this product against a particular weed species to your retailer, representative, or call 1-800-xxx-xxxx. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes as practical, with the goal of preventing further seed production.
- Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.
- 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.
- Contact your local sales representative, or extension agent to find our if suspected resistant weeds to this
 MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the
 application rates of this product specified for your local conditions.

WHEN TO APPLY TO ESTABLISHED TURF: This product must be applied prior to germination of weed seed, as it will not control established weeds.

[Graphic – Map showing approximate crabgrass germination dates]

APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days after application.

RATES OF APPLICATION: Use this product for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not exceed the maximum yearly rate listed:

Minimum and Maximum Application Rates (by Turf Grass Species)1				
Turf Species	Minimum Rate	Maximum Rate		
Bahiagrass[2], Centipedegrass[2] Bermudagrass3, Zoysiagrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type)	2.75 lbs per 1000 sq. ft (120 lbs/acre)	[10.6] 11.9 lbs/1000 sq. ft. per year ([462] 518 lbs/acre per year)		
Buffalograss Kentucky Bluegrass Perennial Ryegrass	2.75 lbs per 1000 sq. ft (120 lbs/acre)	7.9 lbs/1000 sq. ft. per year (345 lbs/acre per year)		
Creeping Red Fescue	2.75 lbs per 1000 sq. ft (120 lbs/acre)	6 lbs per 1000 sq. ft. per year (260 lbs/acre per year)		
Creeping Bentgrass	2.75 lbs per 1000 sq. ft (120 lbs/acre)	5.2 lbs per 1000 sq. ft. per year (225 lbs/acre per year)		

¹ These are the maximum rates per calendar year.

- 2 [In Florida: Do not exceed 2 applications per year to Bahiagrass and Centipedegrass in the north. Do not exceed 3 applications per year to Centipedegrass in the central and south regions. Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizers in your region.]
- 3 May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 4.1 lbs / 1000 square feet (179 pounds/acre). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

(Optional/Alternate Application Directions)

- 1. Determine size of area to be treated measure length and width in feet, then multiply to determine coverage area in square feet (length x width). Next, subtract non-lawn areas.
- 2. Use the spreader setting chart to determine the appropriate setting.
- 3. Apply evenly over dry grass, avoiding streaks, skips and overlaps thorough coverage is important. On hot days (above 80° F), water the lawn to rinse particles off the grass.

Note: The spreader settings listed [below][at right] *are* approximate. It is important to check calibration of spreader frequently to ensure spreader is functioning properly and applying product evenly. To check calibration, accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary om order to ensure correct rate of application.

SPREADER SETTINGS to apply at the listed pounds per 1000 square feet							
[2.75 lbs] [5.2 lbs] [6 lbs] [7.9 lbs] [10.6] 11.9 lbs							
Spreader A							
(May contain additional arreader brands/models, arreader actings and arreader use instructions as appropriate for							

(May contain additional spreader brands/models, spreader settings and spreader use instructions as appropriate for the product)

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates for each turf species. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control. The retreatment interval is 60-90 days.

WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/ reseeding results.

Use Rate	Months Before Overseeding		
Lbs/1000 sq ft	North	Transition	South

2.75 lbs/1000 sq ft (120 pounds/acre)	4	4	4
5.2 lbs/1000 sq ft (255 pounds/acre)	5	4	4
6 lbs/1000 sq ft (260 pounds/acre)	6	5	5
6.3 lbs/1000 sq ft (275 pounds/acre)		6	6
7.9 lbs/1000 sq ft (345 pounds/acre)	-	7	7
9 lbs/1000 sq ft (393 pounds/acre)	-	-	9
10.3 lbs/1000 sq ft (448 pounds/acre)	-	-	10
11.9 lbs/1000 sq ft (518 pounds/acre)	-	-	12
[10.6 lbs/1000 fq ft (462 pounds/acre)]	-	-	12

]

LANDSCAPE ORNAMENTALS (including established perennials and wildflower plantings): This product may be applied for residual preemergence weed control in ornamentals. Apply at the rate of 5.2 to [10.6] 11.9 pounds/1000 square feet (225 to [462] 518 pounds/acre) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of [10.6] 11.9 pounds/1000 square feet ([462] 518 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals as a broadcast, over the top or directed application. Around new transplants, delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when applied to soil free of clods, weeds, and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

TOLERANT ORNAMENTAL SPECIES: This product will not harm most trees, shrubs, vines and flowers. The species listed below* are tolerant to this product. Best results will be obtained when product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought or frost damage) some cultivars of listed plants may be sensitive to this product. (*List may be truncated to save space)

SCIENTIFIC NAME

COMMON NAME

Abies spp Fir species** (Balsam, Frasier, Noble, etc.)

Abelia grandiflora
Acer palmatum
A. platanoides
A. platanoides
Achillea spp.
Abelia: Sherwood
Japanese Maple
Norway Maple
Yarrow, King Edward

Actinidia chinensis Kiwi*

Agapanthus africanus Lily-of-the-Nile (African Lily)

Agapanthus orientalis
Akebla quinata
Allium cemuum
Anemone hydrida
Anemone Assistation and California and California

Aquilegia spp. Aquilegia: Red and Gold Arctostaphylos densiflora Vine Hill Manzanita

Arctotheca calendula Cape Weed

Artemesia spp. Wormwood: Silver Mound, Castle Aster spp. Aster: Bonnie Blue, Purple Dome

Aster X Frikartii
Athrium Fitiz-femina Lady Fern; Fern Lady
Aucuba japonica Japanese Aucuba

Begonia spp. Fibrous Begonia: Hardy Grandis

Berberis gladwynensis Barberry

B. Julianae
B. mentorensis
B. thunbergii
B. verruculosa
Wintergreen Barberry
Mentor Barberry
Japanese Barberry
Warty Barberry

Bergenia cordifola Boltonia asteroids

Boltonia asteroids Snowbank
Buddlela davidii Snowbank Butterfly-Bush (Dwarf Blue) Royal Red

Buxus microphylla Japanese Boxwood Callistemon viminalis Weeping Bottlebrush

Calluna vulgaris Scotch Heather

Campanula carpatica Tussock Bellflower, (White Clips)
Campis XTagliabuana Trumpet Flower, Madame Galen

Carpobrotus edulis Hottentot Fig (Ice Plant)
Cassia artemisoides Feathery Cassia

Ceanothus rigidus Ceratostigma plumbaginoides

Chamaecyparis pisifera False Cypress
Cleyera japonica Cleyera
Citrus spp. Citrus species*

Coreopsis spp. Coreopsis (Calliopsis) Early Sunrise, Moonbeam

Wild Lilac

Cornus florida Flowering Dogwood
C. stolonifera American Dogwood
Cortaderia selloana Pampas Grass
Cotonogotos priviletus Graphersy Cotonogotos

Cotoneaster apiculatus Cranberry Cotoneaster

C. buxifolius Cotoneaster

C. dammeri Bearberry Cotoneaster
C. microphyllus Rockspray Cotoneaster

SCIENTIFIC NAME COMMON NAME

Cretaegus spp. Hawthorne Crocosmia spp. Lucifer

Cupressus sempervirens Italian Cypress

Delasperma alba White Trailing Ice Plant

Delosperma spp. Cooperi Pink
Delphinium spp. Larkspur, Blue Elf

Dianthus deltoides Dianthus; Maiden Pinks "Zing"

D. gratianopolitanus Cheddar Pink Dodonea viscosa Hop Bush

Echinacea purpurea Coneflower, Purple; Magnus

Elaeagnus pungens Silverberry Euonymus fortunei Wintercreeper E. japonica Evergreen Euonymus E. kiautschovica Spreading Euonymus Japanese Aralia Fatsia japonica Forsythia intermedia Border Forsythia Forsythia suspense Weeping Forsythia F. viridissima Greenstem Forsythia

Gaillardia, Blanket Flower: "Goblin"

Gardenia jasminoides Gardenia, Cape-Jasmine

Gaura spp.

Gentiana dahurica Gentian Geranium cinereum Cranesbill

Gladiolus spp.

Gypsophilia repens
Hedera helix
Hellanthemum spp.

Gladiolus species**
Baby's Breath
English Ivy
Sunrose

Hemerocallis spp. Daylily: Aztec Gold, Stella de Oro, Tender Love

Hibiscus Rose of Sharon**
Hibiscus spp. Mallow: Disco Belle White

Hibiscus rosa-sinensis Chinese Hibiscus

Hosta plantaginea Hosta, Plantain Lily (Fragrant)

H. Sieboldiana Hosta, "Seersucker"

Houttuynia cordata var. variegata

Hydrangea macrophylla Bigleaf Hydrangea

Ilex Bernyl Holly

Ilex cornutaChinese HollyI. crenataJapanese HollyI. opacaAmerican Holly

I. vomitoria Yaupon Holly, Schillings

Inula ensifolia

Iris ensata Sword-Leaved Iris; Jodlesong

Iris siberica Siberian Iris; Cabernet

Iris spp. Iris species**

Jasminium nudiflorum Winter Jasmine

Juniperus chinensis Chinese Juniper; Nick's Compact; Parsonii

J. conferta Shore Juniper; Blue Pacific

J. davuria Parsoni

J. horizontalis Creeping Juniper

Juglans spp. Walnut*

Justicia brandegeana Shrimp Plant
Lagerstromia indica Crape Myrtle

Lagerstromia indica X Fauriei

Lantana montevidensis

Lavender spp.

Crape Myrtle, Tuscarora
Weeping Lantana
Lavender; Munstead

Lavender spp. Lavender; M Leonopodium alpinum Edelweiss

Ligustrum amurense Amur Privet
Ligustrum sinense Chinese privet, Variegata
L. iaponicum Japanese Privet

L. lucidum Glossy Privet (Waxleaf)
Lillium spp. Lilv; Jazz

SCIENTIFIC NAME

IAME COMMON NAME

Liriope muscari Big Blue Lily; Silver Mound, Evergreen Giant

Liriope muscari var. variegata
Liriope, variegated
Liriope, Creeping

Lobelia Cardinalis Cardinal Flower, Indian Pink
Lonicera japonica Japanese Honeysuckle
L. tatarica Tatarian Honeysuckle

Lorapetalum chinense Burgundy

Lythrum spp.

Magnolia spp.

Maleophora luteola

Loosestrife; Modern Pink

Magnolia species**

Ice Plant

Malus sp. Crabapple*

Miscanthus sinensis Yaku Jima, Silberfeder Nandina domestica Heavenly Bamboo Narcissus spp. Narcissus species**

Nerium oleander
Olea europaea
Ophiopogon japonicus
Oleander
Olive*
Mondo Grass

Osmanthus heterphyllus Osmanthus (False Holly): Gulf Tide

Osteospermum fruticosum Trailing African Daisy

Oxydendrum arboreum Sourwood Paeonia suffruticosa Tree Peony

Pennisetumsetaceumi Fountain Grass (Dwarf)

Perovskia atriplicifoloia

Persea americana Avocado*

Photinia fraseri Frasier's Photinia (Redtip) Physotegia Virginiana Dragonhead, False; Vivid

Picea spp. Spruce species** (Colorado Blue, Norway)

Picea spp.

Picea spp.

Pieris japonica

Pinus brutia

P. canariensis

P. elliottii

P. halepensis

Spruce species (Color Lily-of-the-Valley Bush Calabrian Pine

Canary Island Pine

Slash Pine

Aleppo Pine

P. halepensis
Aleppo Pine
P. nigra
Austrian Pine
P. radiata
Monterey Pine
P. strobus
Eastern White Pine
P. sylvestris
Scotch Pine
P. taeda
Loblolly Pine

P. thunbergiana Japanese Black Pine P. virginiana Virginia Pine

P. virginiana Virginia Pine Pistachio sp. Pistachio*

Pittosporum rhombifolium
P. tobira

Podocarpus macrophyllus

Queensland Pittosporum
Japanese Pittosporum
Japanese Yew

Podocarpus macrophyllus Japanese Yew Prunus laurocerasus English Laurel

Prunus sp. Almond, Apricot, Nectarine Peach, Plum and Prune*

Pseudotsuga menziesii Douglas Fir** Firethorn (Scarlet) Pyracantha coccinea

P. fortuneana Firethorn P. koidzumii Firethorn

Pyrus sp. Bradford Pear spp. Quercus Shumardii Oak, Shumard's Red

Quercus spp. Oak species Raphiolepsis indica Indian Hawthorne Raphiolepsis umbellate Yedda hawthorne

Rhododendron 'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM' (including Azalea) 'Delaware Valley White,' Roseum Elegans,' 'Flame Creeper,' 'Girard Crimson,'Wakeiebisu,' 'White Gumbo,' 'George L. Tabor'

Rosa banksiae Lady Bank's Rose

SCIENTIFIC NAME COMMON NAME

Rosmarinus officinalis Rosemary*

Black-eyed Susan; Goldsturm Rudbeckia spp.

Santolina virens Santolina

Saxifrage spp. Saxifrage; Purple Dome Scabiosa spp. Pincushion Flower

Sedum album Stonecrop

Stonecrop; Lidakense Sedum cauticola

Sedum dasyphyllum Stonecrop

Sedum spurium Stonecrop; Dragon's Blood Spiraea burnalda Spirea: Anthony Waterer Syzygium paniculatum Australian Brushcherry

Taxus cuspidata Japanese Yew

T. media Yew Teucrium spp. Germander Thalictrum diptercarpum Meadow Rue Thuja occidentalis American Arborvitae Trachelospermum asiatum Star Jasmine Tsuga canadensis Canada Hemlock Yulipa spp. Tulip species

Veronica, Speedwell; sunny Border Veronica spp.

Viburnum japonicum Japanese Viburnum V. odoratissimum Sweet Viburnum V. plicatum Japanese Snowball Canary Island Viburnum V. rigidum

V. tinus Laurustinus V. trilobium Cranberry Bush Leatherleaf Viburnum V. wrightii Vinca major Greater Periwinkle, Vinca Vinca minor Common Periwinkle, Vinca

Vitis sp. Grape*

Weigela florida Old Fashioned Weigela Yucca aloifolia Spanish Bayonet, Yucca Adam's Needle, Yucca Y. filamentosa

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a cool, dry, locked storage area out of reach of children and domestic animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Completely empty bag into application equipment. Nonrefillable container: do not reuse or refill this container. Offer for recycling, if available.

^{*}Do not use on food producing trees, vines or plants.

^{**}Not for use on container grown plants.

Warranty

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Howard Johnson's Enterprises, Inc. the manufacturer, or the seller. To the extent consistent with applicable law, the products sold to you are furnished "as is" by Howard Johnson's Enterprises, Inc. The manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label Howard Johnson's Enterprises, Inc, the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Howard Johnson's Enterprises, Inc the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of Howard Johnson's Enterprises, Inc, or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Howard Johnson's Enterprises, Inc, the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

(Optional wording required by some states in order to effect fertilizer registration:)

When soil testing or professional advice indicates the need for additional plant nutrients, make additional applications of fertilizer products over the growing season. A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing '(No of Ibs) pounds of nitrogen per 1,000 square feet and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metals.html [OR by calling [1-877-726-6275]]

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials. Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metals.html.

Information regarding the raw materials composing this product can be obtained by writing to the Guarantor listed on this label and referring to the batch number found on this container.

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/garden, and sweep any product that lands on the driveway, sidewalk or street, back onto your lawn/garden.

(Optional wording for use with fertilizer inert ingredients that cause staining:)
This product may stain driveways, walks, patios, pools, etc. Wash or sweep off thoroughly immediately after each use.

OPTIONAL MARKETING CLAIMS

STOPS MANY UGLY WEED GRASSES BEFORE THEY GROW 3.5 month Weed Grass Control Quality Products Since 1945 Covers 9up to0 5,000/7,500/15,000 sq.ft. In case of emergency call 800-424-9300

Prevents crabgrass and other weed grasses

Fertilizer that builds thick, green lawns

Slow Release Nitrogen

Slow Release Nitrogen-helps provide extended grass feeding

Helps Provide Extended Feeding

Phosphate-Free Fertilizer [Only for use on formulations containing zero phosphous]

Pennington Coated Slow Release Technology, For a longer lasting Green Lawn with No Burning (see attached for log seal)

Controls Crabgrass and Broadleaf Weeds before they germinate

Prevent crabgrass and fertilizer your lawn in one application

Up to 5 MONTH weed and grass control

(Optional marketing statement when Barricade* is formulated in formula)

Contains BARRICADE* PREEMERGENCE HERBICIDE

BARRICADE* is a registered trademark of Syngenta Crop Protection

(Optional Fertilizer Marketing Claims)

Contains slow release Nitrogen for extended greening

Contains slow release Nitrogen for extended feeding

Nitrogen for a lush green lawn

Phosphate improves root growth

Potassium Vital for growth & drought resistance

With controlled release nitrogen

Covers up to XXXXX square feet (per application)

Provides Lush, Green Grass

Phosphorous-Free Helping Reduce Phosphorus is Water Sources [Only for use on formulations containing zero phosphous]

Phosphorous-Free Helping Reduce Phosphorus is Contamination of Water Sources [Only for use on formulations containing zero phosphous]

LOOK! For more information, visit us on our website at WWW.Sta-Green.com

With Pennington Coated Technology Greens Quickly

Feeds for months

Phosphorus-Free [Only for use on formulations containing zero phosphous]

N Nitrogen for lush, green plant growth

K Potassium for overall plant health and vigor

STOP- Read the entire label first. Observe all precautions and follow directions carefully.

Optional Fertilizer Marketing Claims (continued)

See back Panel for Analysis Description

*MONEY BACK GUARANTEE

If you are not completely satisfied with this product, please mail your name, address and proof of purchase (package UPC) and a brief explanation for seeking a refund.

Pennington Coated Technology

Pennington Coated – Slow Release Technology For a Long Lasting Green Lawn With No Burning* *When used as directed.

Other Recommended (insert product name) Lawn Products

For a Beautiful Sta-Green Lawn

A good fertilization program can keep your lawn green and vigorous. Sta-Green has a wide selection of fertilizer to help you throughout the year.

Sta-Green Crabgrass Preventers

Use these pre-emergent products to control crabgrass and many other weeds in your lawn before they germinate. Crabgrass preventers are available with or without fertilizer. Use these products in early spring before weeds begin to emerge.

Sta-Green Weed and Feed

This post-emergent product controls a wide variety of existing broadleaf weeds while it feeds your desirable grass. Use weed and feeds when weeds are actively growing.

Sta-Green Southern Weed and Feed

This fertilizer is especially formulated to control a wide variety of broadleaf weeds in Centipede and St. Augustine lawns. Use weed and feeds when weeds are actively growing.

Effective for up to 5 Months!

If registered in Florida: Apply only to actively growing turf. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy raid is expected. Apply this product only to your lawn and sweep any product that lands in the driveway, sidewalk or street back onto your lawn. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. [Check with your county or city government to determine if there are local regulations for fertilizer use.] [Check with your county or city government to determine if there are local restrictions on fertilizer use or application.] NOTE TO REVIEWER: One of these two statements will appear on the label.

Prevent crabgrass and fertilizer your lawn in one application

Super High Iron

Increases efficiency of natural soil elements, including nitrogen, phosphates and potassium!

Especially formulated for soil types in the western United States.

With Lawn Fertilizer

Feeds for 3 Months guaranteed!

Prevents up to 200 weeds

Instantly activated by rain or irrigation

Apply in Early Spring & Late Fall

Plus Lawn Food

Quick Spring Green Up after Winter

Stops Crabgrass before it starts

Fast Acting Formula

Prevents Crabgrass All Season Long

Inhibits weed seeds germination and root development

Super high Iron! For lush deep green color

With controlled release Nitrogen

Phosphate free fertilizer [Only for use on formulations containing zero phosphous]

Phosphorus Free – Helping Our Water Sources [Only for use on formulations containing zero phosphous]

Feeds for 3 months guaranteed*

ANNUAL FEEDING PROGRAM:

IMPORTANCE OF FEED: Regularly feeding your lawn provides the necessary nutrients it needs to help fight weeds, heat, drought and traffic.

EARLY SPRING FEEDING: After the first time you mow, feed to help your lawn greenup quickly after the harsh winter months.

LATE SPRING FEEDING: Before the not summer months, feed to prepare and strengthen for stresses of heat, drought and traffic.

EARLY FALL FEEDING: After your lawn comes out of dormancy, feed for a quick recovery from summer stress.

LATE FALL FEEDING: Once the leaves have fallen, feed to build a strong root system and prepare your lawn for winter. (Optional wording required by some states in order to effect fertilizer registration.)

OPTIONAL STATEMENTS

APPLICATION LIMITS: Certain states have limits on fertilizer application rates and timing. Consult your local State Cooperative Extension Service for current information on application limits for [turf/lawn] fertilizers in your area.

▲ NOTICE: Cancer – www.P65Warnings.ca.gov

(Optional wording in Florida for non-specialty packaging)

In Florida, for application to golf courses or athletic fields, follow application rates as recommended in the documents entitled (a) University of Florida, Institute of Food and Agricultural Sciences SL191 "Recommendations for N, P, K and Mg for Golf Course and Athletic Field Fertilization Based on Mehlich III Extractant", revision: October 2013; copies of which may be obtained online at http://www.flrules.org/Gateway/reference.asp?No=Ref-04700. (b) "Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses", published by the Florida Department of Environmental Protection, dated September 2012; copies of which may be obtained online at http://www.flrules.org/Gateway/reference.asp?No=Ref-04702.; and (c) "Florida Friendly Best Management Practices for Protection of Water Resources by the Green Industries", published by the Florida Department of Environmental Protection, Revised December 2008, 2nd Printing 2010; copies of which may be obtained online at http://www.flrules.org/Gateway/reference.asp?No=Ref-04706.

(Note: If registered in the state of Florida, any of the following optional statements may be added as appropriate)

In Florida, in Spring or Summer, do not exceed X applications on Bahiagrass in the North, and X applications in Central and South Florida. In Florida, in Fall, do not exceed X applications on Bahiagrass in the North, and X applications in Central and South Florida. Do not exceed x applications per year in the North and x applications per year in Central and South Florida.

In Florida, in Spring or Summer, do not exceed X applications on Bermudagrass in the North, or X applications in Central and x applications in South Florida. In Florida, in Fall, do not exceed X applications on Bermudagrass in the North, or X applications in Central and x applications in South Florida. Do not exceed x applications per year in the North, x applications pear year in Central and x applications per year in South Florida.

In Florida, in Spring or Summer, do not exceed X applications on Centipedegrass in the North, or X applications in Central and South Florida. In Florida, in Fall, do not exceed x applications on Centipedegrass in the North, or x applications in Central and South Florida. Do not exceed x applications per year in the North, or x applications per year in Central and South Florida.

In Florida, in Spring or Summer, do not exceed X applications on St. Augustinegrass in the North, or X applications in Central and x applications in South Florida. In Florida, in Fall, do not exceed x applications on St. Augustinegrass in the North, or x applications in Central or x applications in South Florida. Do not exceed x applications per year in the North, or x applications per year in Central, or x applications per year in South Florida.

In Florida, in Spring or Summer, do not exceed X applications on Zoysiagrass. In Florida in Fall, do not exceed x applications on Zoysiagrass. Do not exceed x applications per year in the North, or x applications pear year in Central, or x applications per year in South Florida. (Note: may also be expressed in tabular format.)

(this text/restrictions are featured elsewhere on the label)

Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. [Check with your county or city government to determine if there are local regulations for fertilizer use.] [Check with your county or city government to determine if there are local restrictions on fertilizer use of application.]

(Optional Marketing Claims)

Herbicide Benefit Claims

STOPS MANY WEED GRASSES BEFORE THEY GROW

3-5 month Weed Grass Control

Up to 5 [month] [months of] weed grass control

Controls [prevents] crabgrass [and other listed weed grasses] for up to 5 months

Covers [5,000 / 7,500 / 10,000 / 15,000] Sq. Ft.

Prevents crabgrass and other weed grasses

Controls Crabgrass and Broadleaf Weeds Before they Germinate

Prevent crabgrass and fertilize your lawn in one application

Controls Annual Bluegrass (poa annua), Chickweed, Crabgrass, Spurge [and many other weeds]

Fertilizer Benefit Claims

Enhanced Efficiency Fertilizer [- feed more lawn with less fertilizer]

Delivers nutrients more efficiently than ordinary fertilizers

Quick Greening and Extended Feeding

Helps strengthen lawn against heat & drought

Good for all grass types

[Feeds] [greens] [feeds and greens] for up to [3] [X] months

Contains slow release Nitrogen for extended [greening, feeding]

[Rich in] Nitrogen for a lush green lawn

[Enriched with] Potassium for overall plant vigor

Contains potassium for drought & disease resistance

Phosphorus Free – [Helping Reduce Phosphorus in Water Sources] [Only for use on formulations containing zero phosphous]

Provides Lush, green grass

Promotes thick, full grass

You only need [XX] pounds of fertilizer to cover (XXXX) square feet

Benefits of Pennington® UltraGreen™ Crabgrass Preventer Plus Fertilizer 30-0-4 Distributor name

- Promotes thick, green grass
- Half of the total nitrogen in this product is slow-release and feeds for up to 3 months [guaranteed]
- Half of the total nitrogen is stabilized for less leaching into the environment
- Phosphorus-free [Only for use on formulations containing zero phosphrous

Pennington® UltraGreen® Crabgrass Preventer Plus Fertilizer 30-0-4 WILL NOT BURN when used as directed. We're so confident you'll love the results of using [this product] that it comes with the Pennington Satisfaction Guarantee. †

† Pennington Satisfaction Guarantee: If, after following the instructions, you are not satisfied with the product results, send your name, address, and proof of purchase (original dated receipt) to:

Pennington Refund 1000 Parkwood Circle, Suite 700 Atlanta, GA 30339

Additional Optional Marketing Claims

The Pennington® UltraGreen® Difference

Pennington® UltraGreen® products are more efficient than other fertilizers. Half of the nitrogen in this line is stabilized**, which allows grass to use more of the nutrients you put down and reduces nutrient loss to the environment. The other half of the nitrogen is slow-release for extended feeding for 3 months. Additionally, these unique blends contain mycorrhizal fungi, organisms that have been present in vigorous soils for millions of years. These microscopic fungi increase the surface absorbing area of roots, greatly improving the ability of the lawn to access vital soil resources such as water and nutrients. These tiny fertilizer granules are packed with essential plant nutrients and mycorrhizal fungi, so you can feed more lawn with less fertilizer.

**Excluding the Pennington® UltraGreen® Starter Fertilizer

Additional Optional Marketing Claims

Weed Control

Provides season-long crabgrass control and fertilizes in one application Stops annual crabgrass and other listed annual grassy weeds before they grow Stops crabgrass before it invades and protects all season Season long crabgrass control

Controls [prevents] crabgrass [and feeds] all season long [for x months]

General Fertilizer

100% satisfaction guaranteed or your money back
Feeds and strengthens to help protect against future problems
Special formula that thickens and promotes a lush, deep green lawn
Feeds all season long
Feeds for X months
[Promotes turf growth] [and] [deepens [turf] [lawn] [grass] roots]

Micro Nutrients

Enriched with micro-nutrients to revitalize soil

Iron

Contains X% iron for [[quick] deep green] [lawn]
For a [deep] green lawn
For a lush, thick deep green lawn
Greens quickly
Added Iron for deeper green

N 0 NITROGEN

Contains zero Nitrogen

P 0 PHOSPHATE

Contains zero Phosphorous

K 0 POTASH

Contains zero Potash

Pre-emergent Control of Crabgrass, Goosegrass, Foxtail, Chickweed, Oxalis, Spurge, Knotweed and Poa

Prevents Listed Annual Grassy and Broadleaf Weeds

For use in all regions

Spring

Summer

Fall

Optional Text

The Pennington® [Product Name] Difference

(Iron and Micros)

This blended fertilizer is packed with essential plant nutrients to give you the thick, green lawn you desire. It has both fast acting nitrogen for quick greening, and slow release nitrogen for up to 3 months of feeding. There are also added plant nutrients such as iron, magnesium, manganese, copper and zinc, for a deep green and plant vigor.

(With Iron)

This blended fertilizer is packed with essential plant nutrients to give you the thick, green lawn you desire. It has both fast acting nitrogen for quick greening, as well as slow release nitrogen for extended feeding for up to 3 months. With X% Iron, this fertilizer will give you a deep, dark green lawn.

[Product Name] WILL NOT BURN when used as directed. We're so confident you'll love the results of [Product Name], that it comes with the Pennington Satisfaction Guarantee.†

State mandated fertilizer labeling requirements:

[Note to Supplemental Registrants: Please select the statements relevant to the areas of the country in which your specific product is registered and sold; if any of these statements are relevant to your labeling, please place in the Directions for Use under the heading "State Restrictions"]

Application rate cannot exceed the specified maximum use rate found in the directions for use.

- California, Oregon, Washington: "Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm"
- Florida: "Apply only to actively growing turf."

- Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.
- Florida: Do not apply to lawns in North Florida in the winter.
- Idaho: "Apply only as directed"
- Maryland (If Phosphorous in formula):: "This fertilizer contains phosphorus and 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 § 8-803.7 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."
- Maryland (if Phosphorous is >5% and the product is not labeled as a Lawn Starter following text featured on the front panel font size $\frac{3}{4}$ inch height): NOT FOR USE ON ESTABLISHED LAWNS OR GRASS IN MD
- New Jersey (If Phosphorous in formula):: "In the state of New Jersey, this product may be used only when 1) Providing nutrients to specific soils and target vegetation as determined to be necessary pursuant to a soil test conducted by a laboratory identified pursuant to subsection b. of section 6 of P.L.2010, c.112 (C.58:10A-66) and performed no more than three years before the application, and pursuant to the associated annual fertilizer recommendation issued by the New Jersey Agricultural Experiment Station at Rutgers, the State University; 2) Establishing vegetation for the first time, such as after land disturbance, provided the application is in accordance with the standards and requirements established under the "Soil Erosion and Sediment Control Act," P.L.1975, c.251 (C.4:24-39 et seq.) and the rules and regulations adopted pursuant thereto; 3) Reestablishing or repairing a turf area; or 4) Delivering liquid or granular fertilizer under the soil surface, directly to the feeder roots."
- New Hampshire(If Phosphorous in formula):: In the state of New Hampshire, this product may only be used on 1) Establishing new lawns, for repairing a lawn, for seeding, or for use when a soil test indicates a phosphorus deficiency.
- •Virginia: (If Phosphorous in formula): In Virginia this lawn/turf fertilizer contains phosphorous and 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.
- [Virginia, Florida, Maryland, others] 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/GARDEN. [AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK INTO YOUR LAWN/GARDEN.] [Note to Supplemental Registrant: The bracketed part of this statement is not required for liquid products.]
- [For products containing Iron:] Keep this product off sidewalks, patios, driveways, etc. This fertilizer contains iron which will stain concrete and painted surfaces. If it comes in contact with concrete surface, sweep off immediately before flushing with water. If concrete is wet when contact occurs, staining may be impossible to prevent. Be careful when using rotary spreaders which scatter fertilizer beyond lawn edge and onto concrete.
- [Advisories for fertilizers containing iron:] "This product may stain concrete and stone, where spilling occurs, sweep off immediately, then flush with water." OR "Sweep all residues from concrete surfaces immediately after application. The iron content in this product will stain sidewalks, patios, driveways, swimming pools and deck coatings if not removed before watering. Neither seller nor distributor assumes any responsibility for damage incurred to any surface other than product's intended use."
- [Note to Supplemental Distributor: In Kentucky if the product supplies less than 1lb of Nitrogen per application, include the following:] A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing XX pounds of nitrogen per 1,000 square feet [and herbicide to control listed weeds]. Please consult your local extension office for questions regarding a regular fertilizer program [suitable for your geographic region]."

Optional Marketing claims:

Money Back Guarantee

See Back Panel for Details*

How to Apply, When to Apply

Distributed and Guaranteed by:

Grotec, Inc., PO Box 290, Madison, GA 30650

Expert Gardener is a trademark of Walmart Inc.,

Bentonville, AR 72716

SCOTTS®, EDGEGUARD®, and ACCUGREEN® are registered trademarks of OMS Investments, Inc..

SPEEDYGREEN® is a trademark of Everrist International. B.V. EARTHWAY® and EV-N-SPEED® are registered trademarks of Earthway Products, Inc.

Great Quality. Great Price. Guaranteed. * Our guarantee is our promise that you'll be fully satisfied with the quality of every Expert Gardener product. If for any reason you aren't happy, we'll replace it or return your money - whichever you prefer. All you need to do is return the empty packaging. It's that simple. Guaranteed. Guaranteed within 1 year of the date of purchase.

Read All Label Instructions
Covers up to x,xxx Sq. Ft.
Contains Prodiamine
Pre-emergent Control of Weedy Grasses
Fast Acting Green Up Power
with Iron Added

0032802-00070 Prodiamine CLEAN_AMEND_02112020



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