

6/4/2015 115
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Wendy Danowski
Regulatory Specialist
Howard Johnson's Enterprises, Inc.
9675 S 60th Street
Franklin, WI 53132

JUN - 4 2015

Subject: Notification per PRN 98-10 – Adding Information to the Fertilizer Guaranteed Analysis Box and Required Florida Language
Product Name: Crabgrass Preventer Plus with .20% Proflam Preemergence Herbicide
EPA Registration Number: 32802-65
Application Date: March 19, 2015
Decision Number: 503485

Dear Ms. Danowski:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have any questions, please contact Terri Stowe by phone at (703) 305-6117, or via email at stowe.terri@epa.gov.

Sincerely,

Kathryn V. Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

CRABGRASS PREVENTER PLUS WITH .20 PRODIAMINE PREEMERGENCE HERBICIDE

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

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

ACTIVE INGREDIENT:

Prodiamine: {N³,N³-Di-n-propyl-2,4-dinitro-6-
(trifluoromethyl)-m-phenylenediamine} 0.20%
OTHER INGREDIENTS: 99.80%
TOTAL: 100.00%

EPA Reg. No. 32802-65
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.
Manufactured by:

HOWARD JOHNSON'S ENTERPRISES, INC.
9675 S 60th Street, Franklin, WI 53132

Read the entire "Directions for Use" and "Warranty Statements" before using
this product. If terms are not acceptable, return the unopened product con-
tainer at once to the seller.

NET WEIGHT: 16 lbs (or 18, 20, 25, 30, 36, 40, 50 or 60 lbs)

Bracket [] contain optional language for use in states where
the maximum application rate is limited by N restrictions.

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

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

In the state of Florida, 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 in the driveway, sidewalk, or street back
onto your lawn/garden.

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. Wash
thoroughly with soap and water after handling. Prolonged or
repeated skin contact with product may cause allergic
reactions in some individuals.

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.

(Alternate wording for household use:)

ENVIRONMENTAL HAZARDS:
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 will help to
ensure that wind does not blow 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.

Guaranteed Analysis	
Total Nitrogen (N)	
x.x% Ammoniacal Nitrogen	
x.x% Urea Nitrogen*	XX.XX%
Available Phosphate (P ₂ O ₅)	XX.XX%
Soluble Potash (K ₂ O)	
Sulfur (S)	XX.XX%
x.x% Free Sulfur (S)	
Derived from: Polymer-coated urea, urea, ammonium phosphate, potassium chloride.	
*A portion of the urea has been coated to provide x.x% coated slow release nitrogen.	
Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P ₂ O ₅ and K ₂ O may include the following 27-3-3 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 (Cl), not more than XX.XX%	
WARNING: Some crops may be injured by application of boron. This fertilizer is to be used only on soils which respond to molybde- num. Crops high in molybdenum are toxic to ruminants.	

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 or clothing	* Take off contaminated 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 a 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 or doctor, or going for treatment. For
information on this pesticide product (including health con-
cerns, medical emergencies, or pesticide incidents), call the
National Pesticide Telecommunications Network at 1-800-
858-7378.

NOTIFICATION
JUN 04 2015

DIRECTIONS FOR USE: 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.

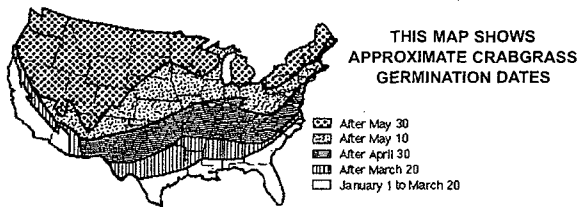
This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds 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; rescuegrass²; shepard's purse²; signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

¹In many areas [where not prohibited by fertilizer use restrictions **], a single application of 7.6 to 17.2 pounds/1000 square feet (330 to 750 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 7.6 to 11.5 pounds / 1000 square feet (330 to 500 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 the Rates of Application section of this label).

²For this weed, apply in late summer, fall or winter prior to germination.

³Suppression only.

**Consult your State Cooperative Extension Service for current information on annual application limitations for lawn fertilizer in your region.



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

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 (1-2 inches) incorporation, prior to weed seed germination and within 14 days after application.

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). Do not apply to newly set sod until the following year. 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

(X depends on N formulation levels)
 (Note: If registered in the state of Florida, any of the following statements may be added as appropriate.)
 In Florida, do not exceed X applications per year on Bahiagrass in the North, and X per year in Central and South Florida.
 In Florida, do not exceed X applications per year on Bermudagrass in the North, or X applications per year in Central and X applications per year in South Florida.
 In Florida, do not exceed X applications per year on Centipedegrass in the North, or X applications per year in Central and X applications per year in South Florida.
 In Florida, do not exceed X applications per year at St. Augustinegrass in the North, or X applications per year in Central and X applications per year in South Florida.
 In Florida, do not exceed X applications per year on Zoysiagrass in the North, or X applications per year in Central and South Florida.
 (Note: May also be expressed in tabular format.)

control. 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 through any type of irrigation system. Do not apply aerially. Do not graze or feed livestock forage cut from treated areas.

APPLICATION LIMITS: Certain state {List} have limits on application rates and timing. Consult your local State Cooperative Extension Service for current information on application limits for {turf/lawn} fertilizers in your area.

RATES OF APPLICATION: This product is recommended 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:
¹These are the maximum rates per calendar year.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 6 pounds/1000 square feet (260 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.

MINIMUM AND MAXIMUM APPLICATION RATES (by Turf Grass Species)		
Turf Species	Minimum Rate	Maximum Annual Rate ¹
Bahiagrass, Bermudagrass ²	4 lbs / 1000 sq ft (174 lbs / acre)	17.2 lbs / 1000 sq ft per year (750 lbs / acre per year)
Centipedegrass, Zoysiagrass		
Seashore Paspalum		
St. Augustinegrass		
Tall Fescue (including turf-type)		
Buffalograss	4 lbs / 1000 sq ft (174 lbs / acre)	11.5 lbs / 1000 sq ft per year (500 lbs / acre per year)
Kentucky Bluegrass		
Perennial Ryegrass		
Creeping Red Fescue	4 lbs / 1000 sq ft (174 lbs / acre)	8.5 lbs / 1000 sq ft per year (370 lbs / acre per year)
Creeping Bentgrass	4 lbs / 1000 sq ft (174 lbs / acre)	7.6 lbs / 1000 sq ft per year (330 lbs / acre per year)

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 recommended 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.

USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
4 pounds / 1000 sq ft (174 pounds / acre)	4	4	4
7.6 pounds / 1000 sq ft (330 pounds / acre)	5	4	4
8.5 pounds / 1000 sq ft (370 pounds / acre)	6	5	5
9.2 pounds / 1000 sq ft (400 pounds / acre)	---	6	6
11.5 pounds / 1000 sq ft (500 pounds / acre)	---	7	7
13 pounds / 1000 sq ft (570 pounds / acre)	---	---	9
14.9 pounds / 1000 sq ft (650 pounds / acre)	---	---	10
17.2 pounds / 1000 sq ft (750 pounds / acre)	---	---	12

SPREADER SETTINGS to apply at the listed pounds per 1000 square feet	4 lbs	6 lbs	7.6 lbs	8.5 lbs	11.5 lbs	17.2 lbs
	Spreader A	X	X	X	X	X

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

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.

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 7.6 to 17.2 pounds/1000 square feet (330 to 750 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 17.2 pounds/1000 square feet (750 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals 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 of 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.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Store in original container in a locked storage area out of reach of children and domestic animals.

(wording for Commercial use label:)

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Nonrefillable container: Do not reuse or refill this container. Offer for recycling, if available. If not available then 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.

(Alternate wording for household use:)

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.

(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 of fertilizer products over the growing season. When used as directed, this product will supplement your regular fertilizer program by providing (No of lbs) 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. 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.

OPTIONAL STATEMENTS

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

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.

(Optional statement for Proposition 65 in California)

NOTICE: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

(Optional wording in Florida for non-specialty packaging)

In the state of Florida, this product should be applied at the rates not exceeding those recommended in the document titled Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries

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 rain 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 restrictions on fertilizer use or application.]

(Alternate wording for warranty statement:)

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.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.wa.gov/agri>

(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 statement when Barricade® is formulated in formula:)

Contains .20 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
- Phosphate free fertilizer

Optional Marketing Claims

STOPS MANY UGLY WEED GRASSES BEFORE THEY GROW
3-5 month Weed Grass Control

