



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 2, 2015

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

Subject: Notification per PRN 98-10 – adding Florida’s Urban Turf Rule language and fertilizer analysis
Product Name: Dithiopyr 0.107 Plus
EPA Registration Number: 32802-71
Application Date: March 19, 2015
Decision Number: 503480

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, you may contact Deirdre Sunderland at (703) 603-0851 or via email at sunderland.deirdre@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague". The signature is written in a cursive style with a long horizontal flourish extending to the right.

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

DITHIOPYR 0.107 PLUS

SELECTIVE HERBICIDE PLUS FERTILIZER FOR PREEMERGENCE CONTROL OF LISTED ANNUAL GRASSES AND BROADLEAF WEEDS IN ESTABLISHED LAWNS & ORNAMENTAL TURF

ACTIVE INGREDIENT:

Dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester 0.107%
OTHER INGREDIENTS: 99.893%
TOTAL: 100.000%

EPA Reg. No. 32802-71
EPA Est. No. 59144-GA-1 (A), 32802-MO-1 (B), 37351-CO-1 (C), 9404-FL-1 (E), 8378-IN-1 (D)
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

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

Covers up to XX,000 sq.ft. (XXX'xXX') and/or This bag covers XX,000 sq.ft.

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

KEEP OUT OF REACH OF CHILDREN
CAUTION: See (back, side, other) panel for further cautions, first aid information and directions for use.

NET WEIGHT: 10, 12, 13, 14, 15, 16, 18, 20, 22, 24, 25, 26, 27, 28, 30, 32, 33, 35, 36, 39, 40, 42, 44, 45, 46, 49, 50, lbs etc.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

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

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.

Guaranteed Analysis

Total Nitrogen (N)	XX.XX%
x.x% Ammoniacal Nitrogen	
x.x% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	XX.XX%
Soluble Potash (K ₂ O)	XX.XX%
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.
Fertilizer grade with nutrient contents expressed as the percentages of N, P₂O₅ and K₂O 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%

Nitrogen fertilizer inert ingredients, providing from 0% to 47% available nitrogen.
Phosphorus fertilizer inert ingredients, providing from 0% to 52% available phosphorus.
Potassium fertilizer inert ingredients, providing from 0% to 62% available potassium.
Micronutrient fertilizer inert ingredients, providing various amounts of secondary nutrients ranging from 0% to 50%.
All fertilizer inert ingredients not to exceed 96.09%.

First Aid	
If in eyes	<ul style="list-style-type: none"> * Hold eye open and rinse slowly and gently with water for 15-20 minutes. * Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. * Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> * 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.
If on skin or clothing	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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.
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 concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

Read The entire "Directions for Use" and "Warranty Statement" before using this product. If terms are not acceptable, return the unopened product container at once to the seller.
DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
In the State of New York: For use by professional turf applicators only, at no more than 10.74 lbs per 1000 square feet per year (0.5 pounds AI per acre per year). Not for use in Nassau or Suffolk Counties.
Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
Sweep: Fertilizer may stain driveways, walks, patios, pools, etc. Sweep off thoroughly immediately after each use.

PRODUCT INFORMATION: This product contains turf fertilizer plus a selective herbicide for control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf. Apply this product only to seeded, sodded, or sprigged turf that is well established. Turf must develop a good root system and uniform stand, and have received at least two mowings following seeding, sodding or sprigging before making the first application of this product. Use of this product on turf that is not well established, or weakened by weather, pests or other stress, may increase the chance of turf injury.

This product provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. In addition, this product provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence crabgrass control is limited, and post-emergence applications are only effective if applied before crabgrass has displayed its fifth leaf or first tiler (which generally corresponds to time when you can first see the crabgrass plants in the lawn). The benefit of this post-emergence activity is that it gives the user a 2 to 4 week longer period of time to make applications for effective control of crabgrass.

WHERE TO USE: This product may be used on the following established turfgrasses: Creeping Bentgrass* (*Agrostis palustris*), Kentucky Bluegrass (*Poa pratensis*), Fine Fescue** (*Festuca rubra*), Tall Fescue (*Festuca arundinacea*), Perennial Ryegrass (*Lolium perenne*), Bahiagrass (*Paspalum notatum*), Bermudagrass (*Cynodon dactylon*), Buffalograss*** (*Buchloe dactyloides*), Carpetgrass (*Axonopus compressus*), Centipedegrass (*Eremochloa ophiuroides*), Kikuyugrass (*Pennisetum clandestinum*), St. Augustinegrass (*Stenotaphrum secundatum*), Zoysiagrass (*Zoysia japonica*).
*Turfgrass injury may result from use of this product on certain varieties of creeping bentgrass, such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been tested. Do not apply this product to Colonial Bentgrass (*Agrostis tenuis*) varieties.
**Turfgrass injury may result from use of this product on the following Fescue varieties which are sensitive to this product: Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennlawn, Tamara, Tajana, Walfort and Waldina. Not all varieties of fescue have been tested.
***Do not use this product on seedling Buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

SPRING APPLICATIONS: For single applications in the spring or early summer, use the appropriate rate from "Application Rates" table (depending on user's location, mowing height, pre- or post-emergent use). The duration of residual weed control is directly related to the total rate applied, but varies depending on weather, weed pressure and location. Use "Program 1" for preemergence control on areas where turf is cut high (home lawns) for 3 to 5 months of crabgrass control. This program should not be used for postemergence crabgrass control.
Use "Program 2" for preemergence control where turf is cut low (golf course fairways) or where weed control was not conducted the previous year. This program provides 4 to 6 months of preemergence

APPLICATION RATES for Crabgrass Control		
REGION	PROGRAM 1	PROGRAM 2
	PREEMERGENCE USE (high cut turfgrass)	PREEMERGENCE USE (low cut turfgrass) POSTEMERGENCE USE
North	2.68 lbs / 1000 sq ft (117 lbs / acre 0.125 lbs AI / acre)	5.37 lbs / 1000 sq ft (234 lbs / acre 0.25 lbs AI/acre)
Transition	3.93 lbs / 1000 sq ft (171 lbs / acre 0.183 lbs AI / acre)	7.85 lbs / 1000 sq ft (342 lbs / acre 0.366 lb AI / acre)
South	5.37 lbs / 1000 sq ft (234 lbs / acre 0.25 lbs AI / acre)	10.74 lbs / 1000 sq ft (468 lbs / acre 0.50 lbs / acre)
Coastal South	7.85 lbs / 1000 sq ft (342 lbs / acre 0.366 lb AI / acre)	10.74 lbs / 1000 sq ft* (468 lbs / acre* 0.50 lbs AI / acre*)

North: All other areas.
Transition: DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY and RI
South: AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN and TX
Coastal South: HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, TX
*May require split or sequential applications for full control.

weed control, and also for early postemergence control of crabgrass. This product may be applied as a single application or as a split application for crabgrass control in the spring, summer or fall.

FALL APPLICATION: This product can also be applied in late summer or early fall (late August through November) at the "Program 2" rates for crabgrass control through the early part of the next spring. Fall applications must be followed by an appropriate spring application to provide season-long control.

USE PRECAUTIONS: Do not apply [where not prohibited by fertilizer use restrictions*] more than 10.74 pounds per 1000 square feet (0.5 pounds AI per acre) per application. Do not apply [to areas not prohibited by fertilizer use restrictions.] more than 32.2 pounds per 1000 square feet (1.5 pounds AI per acre) per year. (In New York, do not apply more than 10.74 lbs per 1000 square feet per year.)

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

(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 on Zoysiagrass in the North, or X applications per year in Central and South Florida.

(Note: May also be expressed in tabular format).

Cultural practices such as aerification and de-thatching should be completed, and the turf allowed to recover before application of this product. Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees. Do not allow domestic animals to feed or forage on treated turf. Keep people and pets off treated areas until dust has settled. Do not use on golf course putting greens.

TIPS FOR IMPROVED CONTROL: For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application. Irrigation or rainfall within 7 days after application may improve weed control. Use of split (half rate) applications spaced 6-8 weeks apart may provide improved weed control.

RESEEDING, OVERSEEDING, OR SPRIGGING: Reseeding, overseeding, or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When seeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use "slit seeders" for good seed-to-soil contact.

CONTROL OF OTHER GRASS AND BROADLEAF WEEDS:

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.

SPRING APPLICATIONS: Used as directed for crabgrass control in spring, this product will also control or suppress the following weeds when applied prior to their emergence: Barnyardgrass, Bluegrass (annual, roughstalk), Crowfootgrass, Foxtail (yellow & green)*, Goosegrass, Kikuyugrass, Lespedeza (common), Oxalis (buttercup, creeping & yellow woodsorrel), Purslane (common), Ryegrass (annual & perennial), Smutgrass, Speedwell (corn), Spurge (prostrate and spotted).

*Foxtail is also controlled at the program 2 rates.

FALL APPLICATIONS: Used as directed in late summer or early fall, for crabgrass control through the early part of the next spring, this product will also control or suppress the following weeds when applied prior to their emergence: Bluegrass (annual, roughstalk), Bittercress, Chickweed, Geranium (Carolina), Henbit, Parsley-piert, Pineappleweed, Shepherd's purse.

SPREADER SETTINGS	to apply at the listed pounds per 1000 square feet				
	2.68 lbs	3.97 lbs	5.37 lbs	7.85 lbs	10.74 lbs
Spreader A	X	X	X	X	X
Spreader B	X	X	X	X	X
Spreader C	X	X	X	X	X
Spreader D	X	X	X	X	X

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

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.

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

(Alternate wording for household use:)

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.

IF EMPTY: Place in trash or 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.

WARRANTY AND DISCLAIMER

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

(Optional wording for compliance with Kentucky 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. Do not exceed the annual rate of 1.5 lbs active ingredient of this pesticide product.

Optional Marketing Claims:

PCT (Poly-Coated Technology) Slow-Release Nitrogen for extended feeding.
Premium Fertilizer.

Information received by the Washington State Department of Agriculture regarding the components in this product is available on the Internet at <http://www.wa.gov/agr/>. Information about the contents of this product may be obtained by calling 1-800-298-4656 or by writing to Howard Johnson's Enterprises, Inc. 9675 S 60th Street, Franklin, WI 53132

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

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

Contains 0.107 Dimension®

PREVENTS CRABGRASS PLUS with 0.107 Dimension®

DIMENSION® is a trademark of Dow AgroSciences.

Prevents Crabgrass, annual blusgrass, foxtail and More
Slow-release nitrogen for extended feeding
Provides 3-5 months control
No Phosphate Formula
Bio-Degradeable bag
Phosphate Free Fertilizer
Prevent crabgrass with Dimension
Stop crabgrass before it grows.
Provides Vital nutrients to your lawn.
Apply in early spring, or before germination.
controls germinating crabgrass for 12 weeks
Step 1

Optional label claims:

Excellent Pre-emergence and early post-emergence control of crabgrass. Therefore, it can be used later in the season than other crabgrass preventers.

Can be applied in dormant or spring seeded lawns after second mowing.

Can be applied up to 4 weeks later than other Pre-emergent Crabgrass Preventers

Spring nutrient package requires less mowing

We recommend that you follow the Florida Green Industries BMP's at: http://www.flaes.org/BMP_Book_final.pdf

We recommend that you follow the Florida Golf Course BMP's at <http://www.flaes.org/pdf/glfmp07.pdf>

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

For Medical Emergencies Only, Call (877)325-1840

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 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.