

PM 23

32802-73

10-24-97

10/4

Accepted stamp on pg. 4 of 4

OCT 24 1997

Mr. Thomas J. Schmit
Howard Johnson's Enterprises, Inc.
700 W. Virginia Street, #222
Milwaukee, WI 53204-1548

Dear Mr. Schmit:

Subject: Turf Food with Crabgrass Preventer
EPA Registration No. 32802-73
Application Dated October 7, 1997, Request To
Extend Conditional Registration and To
Amend Labeling Claims To Name "Southern
States" for Use Directions for This Product

The proposed revised use directions that name the "southern states" on the labeling of the subject pesticide product have been reviewed and are acceptable as amendments to the subject registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended; based on a request by the Rohm and Haas Company for an extension of time to submit required data to support the active ingredient source used in the formulation of the subject pesticide product. The condition for the extension was:

- o Provided that the registrant of the active ingredient in this product, submits the required data to continue the registration of it (dithiopyr) as described in a September 13, 1995 letter from this Agency to the Rohm and Haas Company.

A second condition of acceptance of the proposed subject amendment is that you:

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2 of 4

-2-

- o Submit one (1) printed copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, dection 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

eWilson:Diskette:Dithiopyr:10-25-97

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

TURF FOOD WITH CRABGRASS PREVENTER

CONTAINS DIMENSION®

A SELECTIVE HERBICIDE THAT PROVIDES CONTROL OF
LISTED ANNUAL GRASSES AND BROADLEAF WEEDS
IN ESTABLISHED LAWNS & ORNAMENTAL TURF
CONTAINS A COMPLETE LAWN FOOD

ACTIVE INGREDIENT:

Dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester . . . 0.06%

INERT INGREDIENTS: 99.94%

TOTAL: 100.00%

EPA Reg. No. 32802-73

EPA Est. No. 32802-WI-1 (A), 32802-MO-1 (B)

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.

10 W. Virginia Street, Milwaukee, WI 53204-1548

DIMENSION® is a trademark of Rohm and Haas Co.

KEEP OUT OF REACH OF CHILDREN

CAUTION: See back panel for further cautions,
first aid information and directions for use.

NET WEIGHT: 18 lbs (or 20, 24, 30, 36, 40, 50 or 60 lbs)

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

FIRST AID

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

IF INHALED: Remove individual to fresh air. Seek medical attention if breathing difficulty develops.

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.

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 turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

GENERAL 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 turfs. It provides pre-emergence control of crabgrass (both large and smooth 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.

However, it is often difficult to identify the small, early stages of crabgrass in established turf. So the benefit of this post-emergence activity is that (compared to strictly pre-emergence crabgrass control products) it gives the user a 2 to 4 week longer period of time to make applications for effective control of crabgrass.

CONTROL OF OTHER GRASS AND BROADLEAF WEEDS:

SPRING APPLICATIONS: When applied as directed for crabgrass control in the spring, this product will also control (at "post-emergence" rates) or suppress (at "pre-emergence" rates) the following weeds: barnyardgrass, annual bluegrass (*Poa annua*), crowfootgrass, foxtail (yellow & green)*, goosegrass, kikuyugrass, lespedeza (common), oxalis (buttercup, creeping & yellow woodsorrel), pineappleweed, purslane (common), ryegrass (annual & perennial), smutgrass, speedwell (corn), spurge (prostrate & spotted). *Foxtail is also controlled at the pre-emergence rates.

FALL APPLICATIONS: When applied as directed for crabgrass, in early fall through early spring, this product will control (at "post-emergence" rates) or suppress (at "pre-emergence" rates) these weeds: annual bluegrass (*Poa annua*), bittercress, chickweed, geranium (Carolina), henbit, parsley-piert.

This product should only be applied to the following turfgrass species, which are tolerant to this product under the conditions described:

COOL-SEASON GRASSES: bentgrass, creeping; bluegrass, Kentucky; fescue, fine; fescue, tall; ryegrass, perennial.

WARM-SEASON GRASSES: bahiagrass; bermudagrass; buffalograss; carpetgrass; centipedegrass; kikuyugrass, St. Augustinegrass; zoysiagrass.

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 mechanical stress, may increase the chance for turf injury.

APPLICATION DIRECTIONS: This product may be applied as a single application, or as a sequential application for crabgrass control. Applications may be made in the spring and in the fall.

LENGTH OF CONTROL: The length of time of residual weed control provided by this product is directly related to the total rate applied. Depending on the desires of the user, this product may be applied at the rates Table 1 for 2 to 3 months of weed control. For 3 to 5 months of weed control, apply at rates listed in Table 2 for your region. The actual length of control will vary depending on weather, weed pressure, and the user's location in the north or south region.

TABLE 1: RATES FOR 2 TO 3 MONTHS OF CRABGRASS CONTROL*

Region	Pre-emergence rate	Post-emergence rate
North	3.6 pounds per 1000 square feet	7.2 pounds per 1000 square feet
South	7.2 pounds per 1000 square feet	14.4 pounds per 1000 square feet

TABLE 2: RATES FOR 3 TO 5 MONTHS OF CRABGRASS CONTROL*

Region	Pre-emergence rate	Post-emergence rate
North	4.8 pounds per 1000 square feet	9.6 pounds per 1000 square feet
South	9.6 pounds per 1000 square feet	19 pounds per 1000 square feet

*Southern states include AL, AR, AZ, CA, FL, GA, HI, IA, MS, NC, NJ, NV, OK, SC, TN, TX, VA, and southern areas of IL, IN and OH.
All other states included as North region.

(Label for EPA Reg. No 32802-73, PAGE 1 OF 2)

92207

4 of 4

SPRING APPLICATIONS: A single spring application of this product, at the pre-emergence rate listed in Table 1, will control of crabgrass for 2 to 3 months after application. Use the pre-emergence rate listed in Table 2 when the application is made very early in spring (mid-February to mid-April) and longer control is required. Alternately, a second (sequential) application, at the pre-emergence rate, can be made 6 to 8 weeks after an early first application at the same rate for extended control.

When crabgrass has (or is likely to have) already emerged from the ground and early post-emergence control is desired, use the appropriate post-emergence rate listed in Table 1. Use the post-emergence rate listed in Table 2 when crabgrass has already emerged, but it is still relatively early in spring.

FALL APPLICATION: This product can also be applied in late summer or early fall (late August through October) at the pre-emergence rates listed in Table 2 for crabgrass control through the early part of the next spring. Fall applications should be followed by a mid-to-late spring application at the appropriate post-emergence rate to provide season-long control.

USE PRECAUTIONS: DO NOT apply more than 19 pounds of this product per 1000 square feet per year. DO NOT apply to flowers, vegetables, shrubs, or trees. DO NOT use clippings from treated turf for mulching around vegetables or fruit trees. DO NOT apply this product to pastures. Keep people and pets off treated areas until dust has settled. Cultural practices that disturb the soil (such as aerification) should be done before application of this product. DO NOT apply this product until turf has recovered from these cultural practices.

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. For improved weed control, water or irrigate treated areas within a few days after application. Use of split (half rate) applications spaced 6-8 weeks apart may provide improved weed control.

SPREADER SETTINGS	to apply at the listed pounds per 1000 square feet					
	3.5 lbs	4.8 lbs	7.2 lbs	9.6 lbs	14.4 lbs	19 lbs
Spreader A	X	X	X	X	X	X
Spreader B	X	X	X	X	X	X
Spreader C	X	X	X	X	X	X
Spreader D	X	X	X	X	X	X

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

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" designed to give good seed-to-soil contact.

(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.

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 24 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

32802-73

STORAGE AND DISPOSAL

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

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: Completely empty bag into application equipment. 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:)

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse bag. Fold empty bag and discard in trash.

GUARANTEE: This product is unconditionally guaranteed.

(Alternate wording for warranty statement:)

GREEN GUARANTEED: Your satisfaction is guaranteed when this product is used in accordance with instructions. Of product performance is less than satisfactory, seller will refund the full purchase price with evidence of purchase.

(Alternate wording for warranty statement:)

NOTICE: Buyer and user assumes all risks and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

(Alternate wording for warranty statement:)

WARRANTY AND DISCLAIMER: Manufacturer/seller warrants that this product conforms to the ingredient statement on the label, and that the product is reasonably suited for the labeled use when applied according to directions. Buyer and user assumes all risks and liability of use, storage and/or handling of this product not in accordance with the terms of this label. Manufacturer/seller makes no other warranty, expressed or implied, and shall not be liable for indirect or consequential damages.

(Alternate wording for warranty statement:)

WARRANTY AND DISCLAIMER: Manufacturer/seller warrants that this product conforms to the ingredient statement on the label, and that the product is reasonably suited for the labeled use when applied according to directions. Buyer and user assumes all risks and liability of use, storage and/or handling of this product not in accordance with the terms of this label. No other warranty, expressed or implied, is made concerning the merchantability or fitness for a particular purpose. Manufacturer/seller's liability shall be limited to the purchase price of the product. In no case shall manufacturer/seller be liable for consequential or incidental damages or loss.

(Alternate wording for warranty statement:)

NOTICE: Manufacturer/seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of manufacturer/seller. In no case shall manufacturer/seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as expressly provided, manufacturer/seller makes no other warranties or representations, expressed or implied, or by usage of trade, statutory or otherwise, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Buyer's or user's exclusive remedy for loss or damage resulting from this product shall be limited to the cost of the product.

(Label for EPA Reg. No 32802-73, PAGE 2 OF 2)

92207