

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

25 FEB 1993

32802-71

TERM OF ISSUANCE

Conditional Expires: July 31, 1994

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE: REGISTRATION
 REREГИSTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

Dimension^o 0.107 Plus

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Howard Johnson's Enterprises, Inc.
P.O. Box 2990
Milwaukee, WI 53201

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

this product is conditionally registered in accordance with FIFRA section 5(c)(7)(C) provided that you:

1. Add the phrase "EPA Registration No. 32802-71" to the label before you release the product for shipment.
2. Submit five (5) copies of the final printed labeling before you release the product for shipment.

and provided that Monsanto Company, the manufacturer of the active ingredient of this product, submits the required data to continue the registration of dithiopyr as listed in the EPA Fact sheet NO. 223.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 5(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

enclosure

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

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

Joanne I. Miller

DATE

2/25/93

DIMENSION[®] 0.107 PLUS

DIMENSION[®] 0.107 PLUS is a selective herbicide PLUS fertilizer combination which will provide preemergence control of listed annual grasses and broadleaf weeds in established lawns and ornamental turf areas.

For Professional Turf Applicators Only

ACTIVE INGREDIENT: Dimolpyr, 3,6-pyridinedicarbonyl acid 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-9,9-dimethylester 0.107%
 INERT INGREDIENTS: 99.893%
 TOTAL 100.000%

NET WEIGHT 50 POUNDS

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA Reg. No. 32802- Dimension is a Registered Trade Mark of Monsanto EPA Est. No. 32802-WI-1(A) 32802-MO-1(B)
 The first letter of each on package and indicates location of manufacturing plant. Fertilizer guarantees found on separate bag

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.
STATEMENTS OF PRACTICAL TREATMENT
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. Drift or runoff may adversely affect aquatic organisms. Do not apply directly to water, or to areas where surface water present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.
ADDITIONAL CAUTION: While avian toxicology studies have shown low acute toxicity to birds, the potential for even reproduction effects is being evaluated. To reduce potential exposure to birds, do not apply this product in spill applications; make only one application per season; do not apply more than 0.6 lbs. of A.I. per acre. Avoid known bird nesting sites and areas where birds are actively feeding when applying this product.
DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
STORAGE AND DISPOSAL
 Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **STORAGE:** Store this product in original container only. In case of spill, sweep up material and dispose of material according to label directions. **PESTICIDE DISPOSAL:** Wash in a recycling form the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures. **CONTAINER DISPOSAL:** Do not reuse emptied container. Completely empty bag into applicator equipment. Dispose of emptied bag(s) in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL USE INSTRUCTIONS FOR TURFGRASSES

This product may be used on the following established turfgrasses.

SEASON	Turfgrass	Scientific Name
COOL SEASON GRASSES	Creeping Bentgrass	(Agrostis stolonifera)
	Kentucky Bluegrass	(Poa pratensis)
	Fine Fescue*	(Festuca rubra)
	Tall Fescue	(Festuca arundinacea)
WARM SEASON GRASSES	Perennial Ryegrass	(Lolium perenne)
	Bahiagrass	(Paspalum notatum)
	Bermudagrass	(Cynodon dactylon)
	Buffalograss	(Buchloe dactyloides)
	Carpograss	(Axonopus affinis)
	Centipedegrass	(Eremochloa ophiuroides)
	Kikuyugrass	(Pennisetum clandestinum)
	St. Augustinegrass	(Stenotaphrum secundatum)
	Zoysiagrass	(Zoysia japonica)

*The following Fescue varieties are approved for this product:
 Atlanta, Banner, Beauty, Big Red, C-2, Envy, HP-33, Heritage, King, Kismet, Majestic, Merry, Pennington, Tanager, Tallon, Warrior, or, Walden.

WEEDS CONTROLLED

Dimension 0.107 Plus controls the following weeds when applied at proper rates and times for Northern and Southern grasses.

Weeds	lbs. A.I. North	lbs. A.I. South
Crabgrass, Large; Smooth Foxtail, Green; Yellow	0.125 to 0.25*	0.25 to 0.38*
Barnyardgrass	0.25	0.38
Crowfootgrass	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Kikuyugrass	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Leopardweed, (common)	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Oxalis, Buttercup Oxalis	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Creeping Woodsorrel	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Yellow Woodsorrel	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Purslane, (common)	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Speedwell, corn	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Smartweed	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Bluegrass, (annual)	0.25 to 0.38*	0.38 to 0.50*
Bittergrass	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Chickweed	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Geranium, Carolina	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Goosegrass	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Henbit	6,250 to 9,500 sq. ft.	4,700 to 6,250 sq. ft.
Parsley-plant	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Pineappleweed	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Ryegrass, (Annual); (Perennial)	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Sheepspurge	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)
Spurge, (Prostrate); (Spotted)	(equiv. to 50 lbs. to 100 lbs. per acre)	(equiv. to 50 lbs. to 100 lbs. per acre)

*The higher rates (more product per acre) are recommended where infestations are heavy and/or dense.

GENERAL PRECAUTIONS WHEN APPLYING

- Cultural practices such as aeration, dethatching, and verticutting should be completed and the turf allowed to recover before application of this product. Irrigation or rainfall within 7 days after application may improve weed control.

GENERAL PRECAUTIONS WHEN APPLYING (Cont.)

- This product should be applied 7 to 14 days prior to the seed germination of annual grasses and/or broadleaf weeds.
- New lawn and/or seeding growth may be inhibited if surface seeding or sprigging is done within 4 months after an application. Use a "Silt Seeder" or equivalent for best results.
- This product may be applied to any healthy well established turfgrass that has been seeded, sodded, or sprigged. Use on turf that is poorly established, weakened, or mechanically stressed may increase the potential for delayed recovery.
- Do not apply over-the-top of desirable flowers, vegetables shrubs or trees.
- Do not use clippings from treated turf for animal feed or for mulching around fruit trees, flowers, shrubs, or vegetables.
- Do not allow domestic animals to feed or forage on the treated turf.
- For control of annual bluegrass and winter annuals, apply in the fall of the year prior to their seed germination.
- Do not use this product on putting greens.

USE/RATE EQUIVALENCY CHART

50 lbs. Covers	lbs. / acre	lbs. / 1,000 sq. ft.	lbs. A.I./acre
19,200 sq. ft.	117 lbs	2.60 lbs	0.125 lbs
12,500 sq. ft.	175 lbs	4.00 lbs	0.1675 lbs
9,500 sq. ft.	234 lbs	5.30 lbs	0.250 lbs
6,250 sq. ft.	355 lbs	8.00 lbs	0.380 lbs
4,700 sq. ft.	467 lbs	10.6 lbs	0.500 lbs

SPREADER SETTINGS

The following spreader settings are for new spreader equipment. Your spreader may need adjustment since proper application is based on the spreader's age, and use. Follow the directions in your spreader "Manual" for proper calibration. Poor weed control will result from uneven or improper application.

Spreader	Pounds A. I. per acre				
	0.125	0.188	0.25	0.38	0.50
Spyker Fro	3.6	4.0	4.4	4.0(2x)	4.4(2x)
Scotts	F	H-1	I-J	H-1(2x)	I-J(2x)
Lesco	F	H-1	I-J	H-1(2x)	I-J (2x)
Prize	4.0	4.4	4.9	4.4(2x)	4.9(2x)
Cyclone	3.6	4.0	4.4	4.0(2x)	4.4(2x)
Lely	2.4	2.8	3.3	2.8(2x)	3.3(2x)

Notice: Buyer and user assume all risk and liability of use, storage, and handling of this product not in accordance with the terms of this label.

(32802-TR) (M) (12-30-82)

GUARANTEED ANALYSIS

Total Nitrogen (N) 20%
 Available Phosphoric Acid (P₂O₅) 4%
 Soluble Potash (K₂O) 8%
 Nutrient Source: Urea, Ammonium Phosphate, Urea, Sulfur Coated Urea, Ammonium Phosphate, Ammonium Nitrate

HOWARD JOHNSON'S ENTERPRISES, INC.
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