



1/15/2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Kresti A. Lyddon  
Director of Regulatory Affairs  
Howard Johnson's Enterprises, Inc.  
700 W. Virginia St., Suite 222  
Milwaukee, WI 53204-1548

JAN 15 2002

Dear Ms. Lyddon:

Subject: Dimension® 0.107 Plus  
EPA registration No. 32802-71  
Application and Letter Received December 12, 2001,  
Request To Amend Registration by Revising the First  
Aid Statements and the Disposal Statements on the  
Labeling in Compliance with PR Notices 2001-1 and  
2001-6; and To Add Minor Marketing Claims and Text  
Required by State Fertilizer Regulations

The proposed subject amendments to the registration of  
"Dimension® 0.107 Plus" have been reviewed and found acceptable  
under the Federal Insecticide, Fungicide and Rodenticide Act,  
(FIFRA) as amended, provided that you:

1. Revise the "Optional Marketing Claims" as described here:
  - o Delete the claim: "Kills Crabgrass -- even after germination." This is not a universally true statement.
  - o Delete the claim: "Provides crabgrass control all season long. Again, this is not a universally true statement.
  - o Delete both statements regarding the use of Drop and Rotary Spreaders. There is no need for overlapping application. This would be anti-thematic to the proper application of a pesticide product.
2. The word "of" is misused in the "Green Guaranteed" statements, it should read: "if".
3. With any of the alternate wording for warranty statements you must add the commonly used language: "Read the entire "Directions for Use" and "Warranty Statements" before using this product. If terms are not acceptable, return the unopened product container at once to the seller." (You may specify a reasonable time limitation, if "at once" is not preferred.). The above requirement is to assure that you have complied with UCC Articles (Sections 2-719 and 2-316) that apply to the claims for limitation of remedy in the warranty statements.

- 4. Submit one (1) copy of your final printed labeling prior to your shipment of the subject pesticide product under the enclosed stamped label.

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

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

Please note that the amendments allowed do not involve exclusive use data, therefore a letter of authorization was not required.

Sincerely yours,

*Eugene M. Wilson*  
 for Joanne I. Miller  
 Product Manager (23)  
 Herbicide Branch  
 Registration Division (7505C)

Enclosure

Manufactured by:

HOWARD JOHNSON'S ENTERPRISES, INC.  
700 W. Virginia Street, Milwaukee, WI 53204-1548

DIMENSION® is a trademark of Dow AgroSciences.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** See (back, side, other) panel for further cautions, first aid information and directions for use.

NET WEIGHT: 25 lbs, 40 lbs, 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.

**First Aid**

<b>If in eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call a poison control center or physician immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or physician.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>

**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.

...and southern species, which 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 tiller (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, Tatjana, 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 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.

**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.

**USE PRECAUTIONS:** Do not apply more than 10.74 pounds per 1000 square feet (0.5 pounds AI per acre) per application. Do not apply 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.)

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:**

**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				
	2.66 lbs	3.97 lbs	5.37 lbs	7.85 lbs	10.47 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

*(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:**

- Kills Crabgrass -- even after germination.
- Provides crabgrass control all season long.
- PCT (Poly-Coated Technology) Slow-Release Nitrogen for extended feeding.
- Premium Fertilizer.
- Drop Spreader: First apply two strips at ends. Then apply product along the length of the lawn, over-lapping slightly, and shutting off spreader when turning.
- Rotary Spreader: Apply in a circular path, starting on the outside and working toward the center, overlapping slightly.
- Sweep: Fertilizer may stain driveways, walks, patios, pools, etc. Sweep off thoroughly immediately after each use.

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

**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:)*

**If empty:** Do not reuse this container. 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 or toilet.

**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.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JAN 15 2002

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

32802-71