

File



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 6 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

H. R. McLane
H R McLANE INC
Agent for: HOWARD JOHNSON'S ENTERPRISES
7210 Red Road - Suite 206
Miami, FL 33143

SUBJECT: Label Amendment Submission of 10/18/93 in Response to PR Notice 93-7
EPA Reg. No. 32802-7
ALL SEASON BALAN GRANULAR 2.5G

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments on the attached sheet are addressed. Other than the alterations listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling.

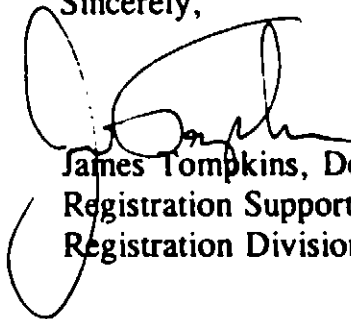
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures

HOWARD JOHNSON'S ENTERPRISES
32802-7 10/18/93
ALL SEASON BALAN GRANULAR 2.5G

Original Submission

Change exclusionary statement from use on ornamental or ornamental to "Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes."

BENEFIN 2.5 MG Contains Balan*

A Selective Pre-emergence Herbicide for the Control of Crabgrass and Most Other Annual Weed Grasses on Lawns and Golf Courses (Also For Poa annua) In Established—Bluegrass (Perennial)—Ryegrass (Perennial)—Fescue—Bahia grass—Bermudagrass—Centipedegrass—St. Augustine Grass—Zoysiagrass

*BALAN is a Registered Trademark of Elanco Products Company for:

BENEFIN—Generic name and Registered Trademark of the Elanco Products Company

ACTIVE INGREDIENTS:

2,4-Dichlorophenoxyacetic acid, ethyl-alpha, alpha, alpha, trifluoro-2,6-	2.5%
2,4-Dichlorophenoxyacetic acid, p-toluidine	97.5%
INERT INGREDIENTS:	
Total	100.0%

Howard Johnson's Enterprises, Inc.
Milwaukee, WI 53201

EPA REG. NO. 32802-7

EPA EST. NO. 32802-WI-1 (A)
32802-MO-1 (B)

First letter of code indicates location of manufacturing plant.

NET WEIGHT 40 POUNDS

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water.

NORTHERN TURF—40 lbs. treats 1/4 to 1/2 acre (22,000 Sq. Ft. to 29,000 Sq. Ft.)

SOUTHERN TURF—40 lbs. treats 1/4 to 1/2 acre (14,500 Sq. Ft. to 22,000 Sq. Ft.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish. Keep out of any body of water. Do not apply when weather conditions favor run-off or drift from treated areas.

DIRECTIONS FOR USE

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on a 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.

DIRECTIONS FOR USE (Cont.)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Benefin 2.5% Granules containing Balan® is a pre-emergence herbicide which is applied directly to established turf for the control of Smooth Crabgrass, Hairy Crabgrass, Goosegrass (Silvercrab Crabgrass), Watergrass (Barnyardgrass), Yellow and Green Foxtail and Annual Bluegrass (Poa annua). It controls annual grass weeds by killing their seeds as they germinate. It does not control established weeds. When it is applied as directed the following established grasses are tolerant to Benefin: Perennial Bluegrasses, Perennial Ryegrass, Centipedegrass, Fescue, Zoysiagrass, Bermudagrass, St. Augustine Grass and Bahia grass. Apply to turf before germination of annual grass weeds. Do not reseed within 42 days after application.

SPRING GERMINATING SUMMER ANNUAL GRASSES: CRABGRASSES, FOXTAILS AND BARNYARDGRASS

A. NORTHERN (COOL SEASON) TURFGRASSES—For pre-emergence control, apply 60 to 80 pounds (1.5 to 2 pounds active ingredient) of Benefin Granular per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

B. SOUTHERN (WARM SEASON) TURFGRASSES—For pre-emergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of Benefin Granular per acre in the late winter or early spring, one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

In areas of the United States where germination of these annual weed grass species continues for extended periods of time, a second application of Benefin Granular at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

POA ANNUA (ANNUAL BLUEGRASS)

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeded will encourage existing desirable turfgrasses and newly planted seeding turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

A. NORTHERN (COOL SEASON) TURFGRASSES—For pre-emergence control, apply 80 pounds (2 pounds active ingredient) of Benefin Granular per acre in late summer or early fall and again in late winter or early spring one to two weeks prior to the expected germination of annual bluegrass.

B. SOUTHERN (WARM SEASON) TURFGRASSES—For pre-emergence control, apply 120 pounds (3 pounds active ingredient) Benefin Granular per acre in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In the southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of Benefin Granules at 120 pounds per acre can be made 10 to 12 weeks after the initial treatment.

For application to smaller areas, apply the following amount of Benefin Granular:

Benefin 2.5 Granular	Benefin 2.5 Granular
Per Acre	Per 1,100 Sq. Ft.
60 pounds	1 1/2 pounds
80 pounds	2 pounds
120 pounds	3 pounds

Approximate Spreader Settings As A Guide For Calibration (for applying Balan® in one pass over the turf)

Spreader Type	To Apply Pounds Per Acre		
	60 lbs.	80 lbs.	120 lbs.
Cyclone:			
Models B, B9, 99 and 100	3.25	3.75	4.0
Models M-3, M-1, and M-1A (based on tractor speed of 4 mph)	6.5	7.25	8.75
Models S-1 and S-3 (based on tractor speed of 4 mph and PTO speed of 540 rpm)	6.25	7.0	8.25
Ezee Flow:			
Models 105 and 88F	B	B	C
Models 106 and 116	A (1)	B (2)	C (2)
Model 109 (1) at 5 mph (2) at 6 1/2 mph	C (1)	A (1)	B (1)
Gandy:			
Model 10 A series, 6, 8, 10, 11, and 20 ft.	13	15	17
3-point hitch series, 8, 10, 12, and 14 ft. (based on tractor speed of 5 mph)	36	40	50
600 series, 3, 4, and 5 ft. (based on tractor speed of 3 mph)	19	22	25
Lady:			
Models W and H (based on tractor speed at 4 1/2 mph)	3	4	5
Scott:			
Rotary, Model RS	D	E	G

40 LBS. COVER 29,000 SQ. FT. = 60 LBS. PER ACRE = 1.50 LBS. A1/ACRE
40 LBS. COVER 22,000 SQ. FT. = 80 LBS. PER ACRE = 2.00 LBS. A1/ACRE
40 LBS. COVER 14,500 SQ. FT. = 120 LBS. PER ACRE = 3.00 LBS. A1/ACRE

NOTICE: Buyer assumes all risk and liability of use, storage, and/or handling of this material not in accordance with the terms of this label

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Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf course or lawns and grounds

OCT 18 1993

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
In EPA Letter Dated
May 6 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the registration under EPA Reg. No. 32802-7