



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

SEP 16 1994

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 10/08/93 in Response to PR Notice 93-7
EPA Reg. No. 32802-24
EXCEL-N-PLUS W/CRABGRASS CONTROL + LAWN FOOD

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 (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

BEST AVAILABLE COPY

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



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

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 Compliance with the PR Notice 93-7
EPA Reg Nr. 32802-24
EXCEL-N-PLUS W/CRABGRASS CONTROL + LAWN FOOD

Correct the typographical errors circled on your proposed
label.

1.15 CRABGRASS CONTROL PLUS

With Team® Herbicide

Team® is a Registered Trademark of the Dow Chemical Products Company

Team

Crabgrass Control Plus Turf Food

For Control of Crabgrass and Most Other Annual Weed Grasses as Listed in home lawns, golf courses, parks and other ornamental & recreational turf.

This product may be used on the following established turfgrass varieties—BLUEGRASS (PERENNIAL)—RYEGRASS (PERENNIAL)—FESCUE—BAHIA GRASS—BERMUDAGRASS—CENTIPEDEGRASS—ST. AUGUSTINE GRASS—ZOYSIAGRASS.

ACTIVE INGREDIENTS:

N-butyl-N-ethyl, alpha, alpha, alpha, trifluoro-2,6-dinitro-p-toluidine	0.77%
TRIFLURALIN; Alpha, alpha, alpha, trifluoro-2,6-dinitro-N, N-dipropyl-p-toluidine	0.38%
INERT INGREDIENTS:	98.85%
Total	100.00%

Howard Johnson's Enterprises, Inc.
Milwaukee, WI 53203

EPA REG. NO. 32802-24

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

32802-MO-1 (B)

41723-PA-1 (S)

The first letter of code indicates location of manufacturing plant

NET WEIGHT 50 POUNDS

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENTS OF PRACTICAL TREATMENTS

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid Alcohol.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: If breathing difficulty occurs, move individual to fresh air and get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust or contact with skin or clothing. The granular formulation may cause skin sensitization reaction in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and chemical resistant gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not allow children or pets on lawn until 1" of water has been applied to lawn and the water has dried for, if wet conditions persist, until 24 hours have passed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, or marshes). Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. 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.

STORAGE AND DISPOSAL

STORAGE: Store in original container only. In case of leak or spill, contain material and dispose of waste. PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or 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 of 10' from smoke.

DIRECTIONS FOR USE (Cont.)

WHERE TO APPLY

When applied according to these directions this product can be used safely on the following turfgrass varieties: PERENNIAL BLUEGRASS VARIETIES, PERENNIAL RYEGRASS VARIETIES, BERMUDAGRASS, BAHIA GRASS, CENTIPEDEGRASS, FESCUE VARIETIES, ST. AUGUSTINE GRASS & ZOYSIAGRASS lawns and ornamental turf. Will not harm most nearby ornamental trees and shrubs when used as directed.

WEEDS CONTROLLED

This product contains a combination of Benlate and Trifluralin pre-emergence herbicide plus a turf food. It should be applied to established turf for the control of CRABGRASS (Smooth and Hairy), GOOSEGRASS (Saver Crab or Crowned), BARNYARDGRASS (Wintergrass), FOXTAIL (Green and Yellow), and ANNUAL BLUEGRASS (Poa Annual) and provides a complete lawn fertilization.

WHEN TO APPLY

Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns.

IMPORTANT PRECAUTIONS

DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur. DO NOT use Dicamba, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipedegrass, until these turfs are well established nor to Bermudagrass or Putting Greens. DO NOT apply in spring to Turfgrass (named the previous fall). This product may thin established Annual Bluegrass (Poa Annual) & Fine-Leaved Fescue lawns when used at higher rates than 1.50 lbs. per acre. (2.0 lbs. Active ingredient per acre). Do not overseed.

WHEN AND HOW TO TIME YOUR APPLICATION

Successful pre-emergence control of the annual grass weeds on this label requires proper timing of application. This product must be applied one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grassy weeds listed on this label, weed control results may be erratic or poor.

WATER THE LAWN AFTER APPLICATION: It is not necessary but optimum weed control performance will be obtained if treated areas are irrigated with 1 to 2 inch water soon after application. Any cultural practices that disturb the soil such as verticuting, should be done prior to application of this product.

SPRING GERMINATING SUMMER ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS

A. NORTHERN COOL SEASON GRASSES—For pre-emergence control, apply 174 to 174 lbs. per acre (equal to 1.5 to 2.00 lbs. Active ingredient per acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. 50 lbs. will "Weed and Feed" 12,500 to 16,250 sq. ft.

B. SOUTHERN WARM SEASON TURFGRASS—For pre-emergence control apply 174 to 261 lbs. per acre (equal to 2 to 3 lbs. Active ingredient per acre) in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. 50 lbs. will "Weed and Feed" 8,325 to 12,500 sq. ft. Use for 8,325 sq. ft. where turf is completely overrun by weeds. Use for 12,500 sq. ft. when weeds are sparse or the turf is in a Yearly Crabgrass Control Program.

LATE SPRING, EARLY SUMMER GERMINATING ANNUAL GRASSES: GOOSEGRASS (SILVER CRAB)

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than the crabgrass, foxtails and other summer annual grass species. Applications of the product should therefore, be timed accordingly.

A. NORTHERN COOL SEASON TURFGRASSES—For pre-emergence control apply 174 lbs. per acre (equal to 2 lbs. Active ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination period of goosegrass. 50 lbs. will "Weed and Feed" 12,500 sq. ft.

B. SOUTHERN WARM SEASON TURFGRASSES—For pre-emergence control apply 174 to 261 lbs. per acre (equal to 2 to 3 lbs. Active ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination of goosegrass. 50 lbs. will "Weed and Feed" 8,325 sq. ft. to 12,500 sq. ft. Use for 8,325 sq. ft. where turf is completely overrun by weed. Use for 12,500 sq. ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

FULL SEASON CONTROL IN NORTHERN AND SOUTHERN TURFGRASSES

In areas of the United States where pre-emergence control of both early germinating annual grasses (Crabgrass, Foxtails, and Barnyardgrass) and the late germinating Goosegrass is desired, two applications of this product at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

POA ANNUA (ANNUAL BLUEGRASS) CONTROL

In areas of heavy infestation of Annual Bluegrass, its elimination will leave areas of thin turf. Employ proper cultural practices to establish a new turf.

NORTHERN COOL SEASON TURFGRASSES—For pre-emergence control apply 174 lbs. per acre (equal to 2 lbs. Active ingredient per acre) of this product in late summer or early fall and again in late winter or spring, one to two weeks prior to expected germination of annual bluegrass. 50 lbs. treats 12,500 sq. ft. of turfgrass area.

SOUTHERN WARM SEASON TURFGRASSES—For pre-emergence control apply 261 lbs. per acre (equal to 3 lbs. Active ingredient per acre) of this product per acre in the later summer or early fall one to two weeks prior to expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application at 261 lbs. per acre can be made 10 to 12 weeks after the initial treatment. 50 lbs. treats 8,325 sq. ft. of turfgrass area.

RESEEDING TREATED AREAS

Delay reseeding—6 weeks when applying at the rate of 130 or 174 lbs. of product per acre (equal to 1.5 to 2.0 lbs. Active ingredient per acre) of 50 lbs. to treat 12,500 to 16,250 sq. ft.)

—12 to 16 weeks when applying at the rate of 274 lbs. of product per acre (equal to 3.0 lbs. of Active ingredient per acre) of 50 lbs. to treat 8,325 sq. ft. When reseeding—increase the recommended amount of seed by 25%.

SPREADER SETTINGS

SPREADER	1.50 LBS AI/ACRE	2.0 LBS AI/ACRE	3.0 LBS AI/ACRE
SPYKER PRO	3.7-3.9	4.0-4.2	4.6-4.8
SCOTTS R7X	G-H	H-I	F-
LESCO B'CAST	G-H	H-I	F-
PRIZE CB-85	4.3-4.5	4.5-4.7	4.9-5.1
CBT-85	4.3-4.5	4.5-4.7	4.9-5.1
CYCLONE PRO	3.7-3.9	4.0-4.2	4.6-4.8
LELY B'CAST	2.4-2.6	2.7-2.8	3.5-3.8

50 LBS TO TREAT 16,250 SQ. FT. = 1.50 LBS. AI/ACRE

50 LBS TO TREAT 12,500 SQ. FT. = 2.00 LBS. AI/ACRE

50 LBS TO TREAT 8,325 SQ. FT. = 3.00 LBS. AI/ACRE

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

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 plantcases, ornamental gardens or parks, or on golf course or lawns and grounds.

BEST AVAILABLE COPY

OCT 18 1993

ACCEPTED
with COMMENTS
in EPA Letter Dated
FEB 10 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
No. Attention: for the pesticide
righting under EPA Reg. No.
32802-24

Howard Johnsons
Enterprises Inc

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Milwaukee, WI 53201-2012
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800-642-1000 (4650)

----- NOTIFICATION -----

September 5, 1991

Document Processing Desk (AMEND)
OPP - H7504C
US Environmental Protection Agency
401 M Street SW
Washington, DC 20460

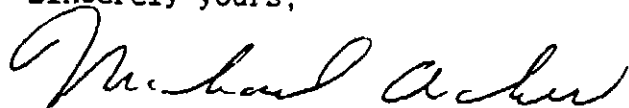
Re: Package size addition for "EXCEL-N-PLUS, US EPA Reg No 32802-24."

The attached labeling reflects the addition of an 18 lb package size to cover 5000, 3800 and 2500 square feet of turf (the varying coverages due to differences in the amount of Active Ingredient per unit area for adequate pest control, as indicated in present approved labeling).

This package size addition is similar to that presently approved for "All Season Triamine Weed & Feed 25-3-3, EPA Reg No 32802-31" which allows package sized of both 18 and 20 pounds to cover 5,000 square feet of turf.

This package addition and wording changes apply only to retail consumer products.

Sincerely yours,



Michael Archer
Director of Technical Service

encl (5 copies labeling)

LAWN SERVICE CRABGRASS CONTROL

Contains a complete lawn food with iron and sulfur. This premium grade crabgrass preventer and lawn food combination is designed to control crabgrass and other common annual grasses while fertilizing your lawn.

Nitrogen found in this product is partially derived from slow release source that provides a steady source of greening.

ACTIVE INGREDIENTS:

BENEFIN: N-butyl-N-ethyl-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine.....	0.77%
TRIFLURALIN: Alpha,alpha,alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine.....	0.38%
INERT INGREDIENTS:.....	99.85%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN
WARNING
STATEMENT OF PRACTICAL TREATMENTS

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid Alcohol.

IF ON SKIN: Remove contaminated clothing. Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: If breathing difficulty occurs, move individual to fresh air and get medical attention.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 32802-24 EPA EST. NO. 32802-WI-1(A)
32802-MO-1(B)

First letter of code on bag bottom tape indicates manufacturing plant.

Contact your local retailer for additional information regarding establishing your total lawn care program

NET WEIGHT 10 POUNDS

HOWARD JOHNSON'S ENTERPRISES, INC.
MILWAUKEE, WI 53201

ACCEPTED
with COMMENTS
In EPA Letter Dated

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

32802-24

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMEST

WARNING: Causes eye irritation. Do not get in eyes. Do not swallow, inhaled or absorbed through the skin and contact with skin or clothing. The granules may cause skin sensitization reactions in certain individuals. Wear protective clothing such as coveralls, a respirator, and impermeable gloves when handling this product. Wash hands with soap and water after handling. Remove contaminated clothing before reuse. Do not allow children or pets to play on lawn until water has been applied to the lawn and the weather conditions persist, until 24 hours have passed.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not apply to wetlands (swamps, bogs, or marshes). Drift to water bodies may be hazardous to aquatic organisms in sensitive areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original container. Store out of reach of children.

PESTICIDE DISPOSAL: Wastes resulting from the use of this pesticide may be disposed of on site or at an approved waste disposal site. **CONTAINER DISPOSAL:** Household: Do not reuse original bag in several layers of newspaper or other suitable material.

DIRECTIONS FOR USE, CONT

This product gives your lawn protection against Crabgrass, Foxtail, and Barnyardgrass, and a springtime boost of nutrients needed to grow. Use on Perennial Ryegrass, Perennial Bluegrass, Bermudagrass, Bahiagrass, St. Augustine Grass, and other grass lawns. For satisfactory results, make applications as recommended. Will not harm trees and shrubs.

IMPORTANT

To be effective, this product must be applied before the germination and emergence of Crabgrass and Barnyardgrass seedlings. Actively growing weeds at the time of application will not be controlled with this product.

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

BEST AVAILABLE

APPLICATION INSTRUCTIONS

- A) Do not apply to bermudagrass overseeded to winter annual grasses or thinning will occur.
- B) Do not use on Dichondra, or newly sprigged areas of St. Augustine-grass, Bermudagrass or Centipede grass unless these areas are well established.
- C) Do not apply to turfgrass seeded the previous fall.
- D) Water the lawn with 1/2 inch of water after application to allow the material to form the "barrier" on the soil surface necessary for adequate weed control.
- E) Do not rake, thatch, aerate or otherwise disturb this "barrier" after application.
- F) Use higher spreader setting for lawns that have a history of severe weed problems.
- G) Sometimes cool, rainy weather during the summer months will simulate "spring crabgrass germinating weather", thus causing dormant annual grass seedlings to germinate. With these situations, a retreatment with 8 to 10 weeks after initial applications, will prevent the reoccurrence of annual grasses.
- H) Delay reseeding of treated areas for 8 to 10 weeks after application.

NORMAL SPRING APPLICATION TIMES

Northern Lawns.....Mid March to May 1st
 Southern Lawns.....Mid January to April 1st
 Application times may vary according to local weather patterns.

HOW MUCH TO APPLY

Types of Lawns	Comment	Apply 16 lbs. to Cover
Southern Lawns	Serious Weed Problem	2,500 Sq. Ft.
Southern Lawns	Maintenance Only	3,800 Sq. Ft.
Northern Lawns	Serious Weed Problem	3,800 Sq. Ft.
Northern Lawns	Maintenance Only	5,000 Sq. Ft.

C.F.G.

SPREADER SETTINGS

The following rates are approximate. Check your spreader manual for additional instructions. The condition of your spreader will greatly affect its rate of application. Walk at a normal pace while applying. After application, treat all metal parts of your spreader that have been exposed to fertilizer with a light coating of oil to help prevent corrosion.

SPREADER	5,000	3,800	2,500
ORTHO DROP	5.00	5.90	7.00
ORTHO ROTARY	3.80	5.10	9.20
REPUBLIC DROP	5.00	5.90	7.00
REPUBLIC ROTARY	3.80	5.10	9.20
EARTHWAY DROP	10.00	12.50	13.00
EARTHWAY ROTARY	10.00	12.50	13.00
SCOTTS EASY GREEN	25.80	26.20	26.40
SCOTTS SPEEDY GREEN	3.70	4.10	4.20
SCOTTS DROP	6.00	6.10	6.30
AMES DROP	10.00	12.50	13.00
AMES ROTARY	10.00	12.50	13.00
PRECISION DROP	10.00	10.40	10.70
PRECISION ROTARY	6.10	9.20	10.00

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

9/91

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