

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> <b>Amendment</b> <input type="checkbox"/> Other	OPP Identifier Number <b>NOTIFICATION</b> <b>222440</b>
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Application for Pesticide - Section I

1. Company/Product Number 32802-24	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted OPP ID # 222440
4. Company/Product (Name) EXCEL-N-PLUS w/Crabgrass Control Plus	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Lawn Food HOWARD JOHNSON'S ENTERPRISES, INC. P.O. BOX 2990 MILWAUKEE, WI 53201 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. N/A Product Name N/A	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

- > Notification:
- > 1. To remove the Trifluralin Standard watering-in statement found in the Humans Precautionary Statements section; last sentence. For support refer to EPA letter dated JUNE 14, 1988 signed out by Ed F. Tinsworth.
- > 2. Add statment to sweep product off patios, sidewalks etc. (staining).

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		> <input type="checkbox"/> Metal ---->metal	> <input checked="" type="checkbox"/> Plastic ---->plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	> <input type="checkbox"/> Glass ---->glass	> <input checked="" type="checkbox"/> Paper ---->paper
		If "Yes" Package wgt	No. per container	> <input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20; 40; 50 lbs.		5. Location of Label Directions ->on label <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product Litho or Adhesive		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name H. R. MCLANE, INC. By H. R. McLane;	Title Authorized Agent Howard Johnson's	Telephone No. (Include Area Code) 305 661 1706 800 642 4556
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Alex Antonio</i>	3. Title Authorized Agent	
4. Typed Name Alex Antonio, General Manager	5. Date JUL - 7 1985	

# EXCEL-N-PLUS<sup>®</sup>

## with Crabgrass Control Plus Lawn 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. AUGUSTINEGRASS - ZOYSIAGRASS.



Milwaukee, WI 5320

### 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%

NET WEIGHT  
40 (50) LBS.

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

### STATEMENTS OF PRACTICAL TREATMENTS

**IF IN EYES:** Hold eyelids open and flush with water with a steady gentle stream of water for 15 minutes. Call a physician. **IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. **ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists. **IF INHALED:** If breathing difficulties occur, 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 re-use.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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. Not for use on plants 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 plantiscapes, ornamental gardens or parks, or for golf courses or lawns and grounds.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container only. In case of leak or spill, contain material and dispose of wastes. **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. **HOUSEHOLD:** Do not re-use empty bag. Wrap and put in trash.

### WHERE TO APPLY

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

### WEEDS CONTROLLED

This product contains a combination of Benefin and Trifluralin preemergence Herbicides plus a Lawn Food. It should be applied to established turf for the control of CRABGRASS (Smooth and Hairy), GOOSEGRASS (Silver Crab or Crowfoot), BARNYARDGRASS (Watergrass), FOXTAIL (Green and Yellow), and ANNUAL BLUEGRASS (Poa Annua) while providing 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 IN USING THIS PRODUCT

- DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur.
- DO NOT do not use on Dichondra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, nor to Bentgrass or putting greens until these turfs are well established.
- DO NOT apply in spring to Turfgrass planted the previous fall. This product may thin established Annual Bluegrass (Poa Annua) & Fine-Leaved Fescue lawns when used at higher rates than 156 lbs. per acre. (1 1/2 lb. A.I. per Acre) Do not overdose.

### WHEN AND HOW TO TIME THE APPLICATION

Successful preemergence control of the annual grassy weeds as listed requires proper application time. It must be applied 1 to 2 weeks prior to the germination of the weed seeds. All summer annual weeds do not germinate at the same time. If application timing does not coincide with the normal germination period of any one of the annual grassy weeds listed on this label, weed control results may be erratic and poor.

### WATER THE LAWN AFTER APPLICATION

It is not necessary but optimum weed control performance will be obtained if treated areas are irrigated with 1/4 to 1/2 inch water soon after application. Any cultural practices that disturb the soil such as verticulating, should be done prior to application of this product.

### "SPRING GERMINATING" ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS

**A. Northern Cool Season Grasses:** For preemergence control, apply 130 TO 174 lbs per acre (equal to 1.5 to 2.0 lbs. Act. Ingrid./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. Use for 12,500 sq ft. where turf is completely overrun with weeds. Use for 16,250 sq ft. when weeds are sparse and the turf is in a yearly lawn maintenance program.

**B. Southern warm season turfgrasses:** For preemergence 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 and the turf is in a yearly crabgrass control program.

### "LATE SPRING-EARLY SUMMER GERMINATING" ANNUAL 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 this product should therefore, be timed accordingly.

**A. Northern cool season turfgrasses:** For preemergence control apply 174 lbs/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 preemergence 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 to 12,500 sq ft. Use for 6,660 sq ft. where turf is completely overrun by weeds. Use for 12,500 sq ft. where weeds are sparse and the area is in a yearly lawn maintenance program.

### APPLY TWICE FOR FULL SEASON CONTROL IN NORTHERN AND SOUTHERN TURFGRASSES

In areas of the United States where preemergence control of both early germinating annual grasses (Crabgrass, Foxtail, and Barnyardgrass) and the later germinating Goosegrass is desired, two application 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.

**A. Northern cool season turfgrasses:** For preemergence control apply 174 lbs. per acre (equal to 2 lbs. Active Ingredient per acre) of this product per acre 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.

**B. Southern warm season turfgrasses:** For preemergence 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 poa annua. In southern areas where germination 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.

### RESEEDING TREATED AREAS

1. Delay reseeding - 6 weeks when applying at the rate of 130 or 174 lbs /acre equal to 1.5 to 2.0 lbs. Active Ingredient / acre or when using one 50 lb. bag to cover 10,000 to 13,500 sq ft.

2. Delay reseeding - 12 to 16 weeks when applying at rate of 263 lbs /acre equal to 3.0 lbs. of Active Ingredient per acre or when using one 50 lb. bag to cover 6,660 sq ft. of turfgrass.

When Reseeding increase the amount of seed put down by 25%

The following spreader settings are for use with new equipment. Your spreader may need recalibrating since proper application is based on the spreader's condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

### SPREADER SETTINGS SPREADER SETTING CHART

SPREADER	lbs./1,000 sq ft.	30'	48'	66'
Ortho Drop	5.5	6.0	7.0	
Ortho Rotary	4.0	5.0	6.0	
Ames Drop	12.0	13.0	14.0	
Ames Rotary	12.0	14.0	16.0	
True-Temper Cyclone B-1	3.5	3.75	4.25	
Earthway	12.0	13.0	14.25	
Earthway Rotary	12.0	14.0	15.0	
Prec Drop	10.0	10.5	11.0	
Prec Rotary	5.5	6.0	7.0	
Scotts Drop	5.75	6.0	6.5	
Scotts Easy Green	25.8	26.0	27.0	
Scotts Speedy Green	3.5	3.75	4.25	

NOTE: The above spreader settings are for use with new equipment. Your spreader may need calibrating since proper application is based on the spreader's condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

### GUARANTEED FERTILIZER ANALYSIS

Nitrogen	Variable %	Primary Plant Food derived from Urea, Sulfur Coated Urea, Murate of Potash, Ammoniated Phosphate
Ammoniacal (N)	Variable %	
Urea (N)	Variable %	
Sulfur Coated Urea (N)	Variable %	
Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	Variable %	Potential Acidity _____ lbs. Calcium Carbonate per ton
Soluble Potash K <sub>2</sub> O	Variable %	

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 (D 37802 24 PM506 30 94)

FEAMRO is registered Trade Mark of DowFincro

EPA REG. NO. 32802-24

EPA EST. NO. 32802-WI-1 MO-1

**HOWARD JOHNSON'S ENTERPRISES, INC.**  
P.O. BOX 2990 - MILWAUKEE, WI 53201

**BEST AVAILABLE COPY**