

NOV 13 1998

Mr. Thomas Schmit  
Howard Johnson's Enterprises, Inc.  
700 W. Virginia Street, #222  
Milwaukee, WI 53204-1548

Dear Mr. Schmit:

Subject: Amendment - Update label  
All Season Diazinon 5G Insecticide  
EPA Registration Number 32802-5  
Your submission dated June 18, 1998

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a) Add the following as the second sentence of the Hazards to Humans & Domestic Animals: "Causes moderate eye injury."
  - b) In the Hazards to Humans and Domestic Animals, revise the end of the IF SWALLOWED advice to read ".. to an unconscious or convulsing person."
  - c) In the Hazards to Humans and Domestic Animals, at the end of the IF INHALED advice add "Get medical attention."
  - d) In the Hazards to Humans and Domestic Animals, at the end of the IF ON SKIN advice add "Get medical attention."

- e) Revise the Note to Physician to reads as follows:

This product is an organophosphate insecticide,. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

- f) In the Environmental Hazards, revise the second sentence to read just "Do not apply directly to water."
- g) In the BIRD CAUTION section of the Environmental Hazards, after "Avoid overlapping granules." add "Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil."
- h) According to the label for the technical diazinon source for your product the following outline boxed text precaution must appear above the lawn treatment directions (in place of your proposed SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS):

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**SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS**

Birds, especially waterfowl (duck or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

- a. Do not treat areas larger than 15,000 sq. ft.
  - b. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
  - c. Do not exceed maximum permitted label rates, since rate above those recommended significantly increase potential hazards to birds, especially waterfowl.
  - d. Avoid overlapping treated areas.
  - e. Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs.
  - f. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
  - g. If necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.
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- i) In the AREA LAWN TREATMENT directions, delete "(87 pounds per acre)" from all three locations that it appears. The use of this product is limited to areas no larger than 15,000 sq. ft. (see item "h)", above.
- j) In the BAND TREATMENT AROUND HOUSE FOUNDATION directions, delete "; 87 pounds per acre". The use of this product is limited to areas no larger than 15,000 sq. ft. (see item "h)", above.
- k) According to the label for the technical diazinon source for your product the following outline boxed text precaution must appear above the home vegetable gardens directions (in place of your proposed SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS):

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**SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS**

Birds feeding on treated areas may be killed. To reduce risks to birds:

- a. Thoroughly incorporate this product into the soil during or immediately after application. Refer to the soil incorporation depth specified in the directions for use.
- b. Cover or incorporate spilled granules.

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3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

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 label is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide/Rodenticide Branch  
Registration Division (7505C)

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# ALL SEASON DIAZINON 5G INSECTICIDE

FOR OUTDOOR USE ON HOME LAWNS AND HOME VEGETABLE GARDENS ONLY  
THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS

(optional marketing statements:)

- LAWN AND GARDEN INSECT CONTROL
- KILLS INSECTS WHICH DAMAGE LAWNS AND GARDENS
- KILLS AND CONTROLS SURFACE FEEDING INSECTS AND ROOT FEEDING INSECTS
- KILLS INSECTS ABOVE AND BELOW THE GROUND FOR PERIMETER TREATMENT AROUND HOMES
- CREATES A BARRIER AGAINST INVADING INSECTS
- STOPS INSECTS BEFORE THEY INVADE THE HOME
- AIDS IN CONTROL OF IMPORTED FIRE ANTS
- READY-TO-USE GRANULES
- EASY TO USE GRANULES
- CONTAINS DIAZINON INSECTICIDE
- 5% DIAZINON KILLS INSECTS FAST
- FAST ACTING - LONG LASTING - INSECT CONTROL
- WORKS WITHIN 24 HOURS - NO WAITING FOR DAYS OR WEEKS
- USE THROUGHOUT THE INSECT SEASON
- NON-STAINING
- XIMUM COVERAGE: XX SQUARE FEET (based on bag size)

ACTIVE INGREDIENT:

Diazinon: [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] . . . . . 5.0%

INERT INGREDIENTS: . . . . . 95.0%

TOTAL: . . . . . 100.0%

EPA Reg. No. 32802-5

EPA Est. No. 32802-WI-1 (A), 32802-MO-1 (B)

First letter of bag code shows establishment where manufactured.

Manufactured by:

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

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION:** See (back or side) panel for additional precautionary statements and first aid information

NET WEIGHT:

ACCEPTED with COMMENTS in EPA Letter Dated

NOV 13 1998

(Label for EPA Reg. No 32802-5, PAGE 1 OF 3)

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 32802-5

## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust and contact with eyes, skin or clothing. May cause contact sensitization following repeated skin contact in susceptible individuals. If sensitization reaction results, call a physician. Do not allow children or pets on treated areas until granules have been watered in and grass or soil has dried. Wash thoroughly after handling and before smoking or eating. Food utensils (spoons or measuring cups) must not be used for food purposes after use in measuring insecticide.

### FIRST AID

**IF SWALLOWED:** Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air and apply artificial respiration if necessary.

**IF ON SKIN:** Wash skin with soap and water, rinse thoroughly.

**IF IN EYES:** Flush eyes with plenty of water and call a physician immediately.

Note to Physician: This product is a cholinesterase inhibitor. Atropine sulfate by injection is antidotal. 2-PAM is also antidotal, and may be administered only in conjunction with atropine.

**ENVIRONMENTAL HAZARDS:** This pesticide is highly toxic to birds, fish and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to fish and aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label - do not apply where aquatic life are important resources. Do not contaminate water by disposal of equipment washwaters.

**BIRD CAUTION:** Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of granules. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs. Do not apply this product to sites occupied by waterfowl, or within 75 feet of any body of water that may attract waterfowl, such as ponds or lakes. Do not contaminate ornamental fish ponds.

**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 being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Do not use this product indoors.

### LAWN APPLICATIONS:

#### ON LAWNS THIS PRODUCT KILLS:

Armyworms, Ants, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Fire Ants (aids in control), Fleas, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails (Collembola), Hyperodes Weevils, and White Grubs (larvae of European Chafer, Southern Chafer, Japanese Beetle, Dung Beetle).

**SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS:**

1. Do not treat areas larger than 15,000 square feet.
2. If repeat application is necessary, wait at least 3 weeks between applications. Make no more than 4 applications per year.
3. Read and follow all of the other precautions that appear in the Environmental Hazards section of this label.

**AREA LAWN TREATMENT:**

To control Armyworms, Ants, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Fire Ants (aids in control), Fleas, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails (Collembola) on grass and dichondra lawns: Apply 2 pounds per 1000 square feet (87 pounds per acre). Apply when lawn is dry, then water lawn lightly after application.

To control Billbugs and White Grubs (larvae of European Chafer, Japanese Beetle and Southern Chafer, Dung Beetle): Apply 2 pounds per 1000 square feet (87 pounds per acre). Water lawn with at least 1/4" of water after application (but stop before puddling occurs). For White Grubs, apply between late July and early October. For dung beetle grubs, apply in spring or summer when damage is first noticed. For Billbugs, apply when activity is first observed or when chewed grass shows Billbug damage. Repeat as necessary.

To control Hyperodes Weevil: Apply 2 pounds per 1000 square feet (87 pounds per acre). Water lawn with at least 1/4" of water after application (but stop before puddling occurs). Treat problem areas in mid-April and again in mid-May.

**LAWN SPOT TREATMENT:**

Ants: Apply 1 1/2 teaspoon of granules over and around each ant hill. Digger Wasps: Apply 1 1/2 teaspoons of granules in and around each nest opening. Apply at dusk when wasps are not active.

Fire Ants: To aid in the control of Fire Ants in lawns and other outdoor home recreation areas, apply 1/2 cup of granules over and 2 feet around each ant mound. Immediately after application, water the granules in with at least 1 gallon of water for each mound. Apply water gently to avoid disturbing ants (do not use a high pressure garden hose that may disturb ants and cause migration, reducing the effectiveness of treatment). For best results, apply in cool weather (65°F to 80°F) or in early morning or or late evening hours. Reapply as necessary. Treat new mounds as they appear. Works within 24 hours. No waiting for 2 or weeks.

**BAND TREATMENT AROUND HOUSE FOUNDATION:**

The following insects are commonly found around or near house foundations and may enter the house: Ants, Brown Dog Ticks, Clover Mites, Earwigs, Fleas, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola). To help prevent insects from invading the home, apply a 2 foot wide band of this product next to the house foundation. Distribute the insecticide granules uniformly, at the rate of 3.2 ounces (XX tablespoons, as determined by product density) per 100 square feet (2 ft x 50 ft) (2 pounds per 1000 square feet; 87 pounds per acre). If necessary, repeat application at 3 week intervals.

**SPREADER SETTINGS** to apply at the listed pounds per 1000 square feet  
2 lbs

- Spreader A
- Spreader B
- Spreader C
- Spreader D

(This chart may contain additional spreader brands/models, spreader settings, and instructions for spreader use and calibration, as appropriate for the product)

**IN HOME VEGETABLE GARDENS THIS PRODUCT KILLS:**

Cutworms, Mole Crickets, Onion Maggots, Root Maggots, Wireworms.

**HOME VEGETABLE GARDENS:**

**SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS:**

1. Thoroughly mix insecticide granules into soil during or immediately after application.
2. Granules that are spilled or are visible on soil surface should be covered with soil or thoroughly mixed into the soil.
3. Read and follow all of the other precautions that appear in the Environmental Hazards section of this label.

This product kills certain garden insects on crops as listed. Apply granules uniformly at the listed rate; use higher rate only for heavy infestation of insects. Do not apply this product to food crops grown in greenhouses.

Vegetable	Pest	Application Rate Oz. per 500 sq. ft.	Timing Instructions Broadcast & mix into soil
CELERY	Cutworms	7 - 14 oz.	Just before planting
CUCUMBER	Wireworms	10.5 - 14 oz.	Just before planting
PARSLEY			
SPINACH			
SWISS CHARD			
POTATOES			
SQUASH - Summer & Winter			
BEANS - Pole, snap or limas, succulent only. Do not use on dried beans (pintos, dried limas, navy)			
PEAS - Succulent only. Do not use on dried peas such as dried blackeyed peas			
MELONS - Including cantaloupe, casaba, crenshaw, honeydew, muskmelon, Persians & hybrids, and watermelons			
CARROTS	Cutworms	7 - 14 oz.	Just before planting
COLLARDS	Wireworms	10.5 - 14 oz.	Just before planting
LETTUCE	Mole Crickets	3.5 oz.	1-2 days before planting
KALE			
ENDIVE (Escarole)			
PEPPERS			
TOMATOES			
BEETS - Red, table			
BROCCOLI	Root Maggots	7 - 10.5 oz.	Just before planting
CABBAGE	Cutworms	7 - 14 oz.	Just before planting
CAULIFLOWER	Wireworms	10.5 - 14 oz.	Just before planting
BRUSSELS SPROUTS	Mole Crickets	3.5 oz.	Just before planting
MUSTARD			
RADISHES	Mole Crickets	3.5 oz.	1-2 days before planting
ONIONS (Bulb & Green)	Wireworms Onion Maggots	10.5 - 14 oz. 7 - 14 oz.	Just before planting Just before planting & mix into top 3-4 inches soil
Note: Resistant Onion Maggots will not be controlled by diazinon or similar insecticides			
SWEET CORN	Cutworms Wireworms Seed corn maggot	7 - 14 oz. 10.5 - 14 oz. 7 - 14 oz.	Just before planting Just before planting Just before planting & mix into top 2 inches soil
SWEET POTATOES	Wireworms	10.5 - 14 oz.	Just before planting
TURNIPS	Mole Crickets Wireworms	3.5 oz. 10.5 - 14 oz.	1-2 days before planting Just before planting
<b>SOIL INCORPORATION</b>			
Thoroughly mix insecticide into the soil during or immediately after application:			
Insect	Depth to mix into soil		
Mole Crickets	1 to 2 inches		
Root Maggots, Onion Maggots	3 to 4 inches		
Wireworms	4 to 8 inches		
Seed Corn Maggots	2 inches		
Surface Cutworms	2 to 3 inches		
Subterranean Cutworms	3 to 6 inches		
Cutworm (unidentified)	4 to 6 inches		

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### 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 packages:)*

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container (bag, jar, can). Discard in trash.

**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.