

DEC 17 1991

Ms. Sandra Hurst
Dragon Chemical Corp.
P.O. Box 7311
Roanoke, VA 24019

Dear Ms. Hurst:

Subject: Amendment - Revise per Agency letter
dated October 1, 1990
Dragon 5% Diazinon Granules
EPA Reg. No. 16-119
Your submission dated November 27, 1991

The labeling referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable and a stamped copy is enclosed for your records.

Since our last letter to you regarding this product, the Agency has completed its review of various data submitted by Ciba-Geigy in response to the Diazinon Registration Standard, including the product specific toxicology data that you are relying on to support reregistration of your product. Based on the results of the Agency's reviews, the following revisions should be made at the next label printing or no later than the August 31, 1992 release for shipment deadline stipulated in the Diazinon Registration Standard, as amended:

- 1) The labeling for the subject product must include a limitation to home lawn and home garden use (i.e., use sites not triggering the Restricted Use classification). The following clarification of the intended use sites must be added to the front panel (an appropriate location would be beneath "Treats up to 5,000 square feet"):

For outdoor use on the home lawn and in the home garden only

- 2) As an adjunct to the above, to prevent possible misinterpretation of the intended use site, the beginning of the first sentence of the directions for use against fire ants should be revised to read: "To aid in the control of fire ants in home lawns and other outdoor home recreation areas,".

- 3) Since the label will now specifically limit use to the home lawn and the home garden (item "1", above), delete the "Note" about commercially-grown potatoes, which currently appears at the end of the directions for use against wireworms.
- 4) The "Hazards to Humans and Domestic Animals" text should be revised to read as follows:

Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

- 5) Revise the "If on skin" advice in the "Statement of Practical Treatment" to read as follows:

If on skin: Wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention.

- 6) In keeping with a recent policy decision, please replace "Do not apply directly to water or wetlands (including swamps, bogs, marshes, and potholes)." with "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark."

Labeling released for shipment after the August 31, 1992 deadline imposed by the Diazinon Registration Standard, as amended, must bear the above revisions. Your label should not include the quotation marks that appear around text specified in this letter. Please submit five copies of the revised label when it becomes available.

Sincerely yours,

George T. LaRocca
 Product Manager (13)
 Insecticide Rodenticide Branch
 Registration Division (H7505C)

DRAGON

5% DIAZINON GRANULES

This product must not be used on golf courses and sod farms.

Controls: Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Fleas, Root Maggots, Sod Webworms, Wireworms, and white grubs of Japanese beetle, European chafer and Southern chafer, and many others.

ACCEPTED

DEC 17 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 16-119

Ready To Use
Treats Up To 5,000 Square Feet.

ACTIVE INGREDIENT

5% Diazinon (5% diazinon)

Inert Ingredients

NET WEIGHT

10 LB.

By Wt.

5%

95%

100%

KEEP OUT OF REACH
OF CHILDREN

CAUTION

See Additional Precautionary Statements On Back of Container

NET WEIGHT 10 LB.



5% DIAZINON GRANULES

IMPORTANT: Read the entire Directions for Use, Precautionary Statements and Environmental Hazards Statements before using this product.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is intended for home-owner, and not commercial use.

STORAGE: Store in original container in a cool, dry, well-ventilated area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food or feed.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.
CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

For minor spills, leaks, etc., follow all precautions indicated on the label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

OVERALL LAWN APPLICATION

DRAGON 5% DIAZINON GRANULES kills the following lawn insects on both grass and dichondra lawns - Ants, Armyworms, Bermudagrass moths, Billbugs, Brown dog ticks, Chiggers, Crutch bugs, Clover moths, Cicadas, Cutworms, Digger wasps, Earwigs, Fire Ants, Fleas, Lawn moths, Leafhoppers, Millipedes, Springtails (Collembola), Soil waterworms, Scarabaeids and White grubs of Japanese beetle, European chafar, Southern chafar (Aids in control.)

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping treated areas. Where watering is recommended in the directions, or if waterfowl, i.e. ducks or geese, can be expected to enter the treated area after treatment (except spot treatment), water the lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs.

Apply **DRAGON 5% DIAZINON GRANULES** with a fertilizer spreader. See spreader setting chart. Apply when grass is dry. Repeat as necessary. For application with other types of equipment, apply at the rate of 2 lbs per 1000 sq ft (an area 20' by 50') or 3.2 oz per 100 sq ft (an area 10' by 10').

SPREADER SETTING NO. (to deliver 2 lbs. per 1000 sq. ft.)	Spreader Make and Model	Spreader Setting No.
	Central Inposal Mark #1662 G	6 1/2
	Central Suburban Lawn Spreader #1662 0	6 1/2
	Cydex Model B1 Rotary	4 1/2
	Greenfield Model 105	6 1/2
	ORTO Drop Spreader #3000	4 1/2
	ORTO Broadcast Spreader #4000	4 1/2
	J.C. Penney Model 6005 Rotary Spreader	7 1/4
	J.C. Penney Rotary Spreader	5
	Scott's Precision Flow Spreader PF 4	4
	Scam Craftsman #671 19150	6

For the following insects: Ants, Armyworms, Bermudagrass moths, Brown Dog ticks, Chiggers, Crutch bugs, Fleas, Grass moths, Greenhouse flies, Earwigs, Fleas, Hypodermis weevils, Lawn moths (and waterworms), Leafhoppers, Millipedes, Mosquitoes (Pond), Springtails (Collembola), Grass and Damening larvae, 2 lbs per 1000 sq. ft. of lawn.

White grubs of Japanese beetle, Billbugs, European chafar, Southern chafar, Atractodes spp. (dung beetle): Apply 2 lbs per 1000 sq ft of lawn (an area 20' x 50'). Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chawed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Water grass thoroughly with 1/4 - 1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

ANTS: Spot Treatment - Apply 1 1/4 teaspoons of **DRAGON 5% DIAZINON GRANULES** over and around each ant hill.

Fire Ants: To aid in the control of fire ants in lawns and other recreational areas, apply 1/4 cup over, and 2 ft. around each fire ant mound immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. Note: For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

Digger wasps: Apply 1 1/4 teaspoons of **DRAGON 5% DIAZINON GRANULES** in and around each nest opening. Apply at dusk when wasps are not active.

Hypodermis weevils: Apply 2 lbs per 1000 sq ft of grass. Water grass thoroughly after application. Treat problem areas in mid April and again in mid May.

BAND TREATMENT AROUND HOUSE FOUNDATION: The following pests are commonly found around or near foundations of houses as well as in lawns. Certain of these pests may enter houses: Ants, Brown dog ticks, Clover moths, Crickets, Earwigs, Fleas, Millipedes, Scarabaeids (Pillbugs), Springtails (Collembola). Apply a 5 foot band of **DRAGON 5% DIAZINON GRANULES** next to the house foundation. Distribute granules uniformly using a rate of 3.2 oz. for each 100 sq ft. of area (5' by 20') treated. Repeat as necessary.

VEGETABLE GARDENS

DRAGON 5% DIAZINON GRANULES KILLS: Cutworms, Mole Crickets, Root Maggots, Wireworms, Flea Beetles and Seed and Corn Maggots on crops listed below. Apply uniformly, as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

Cutworms - (Surface and Subterranean), Beans' (Pole Snap or Lima) (succulent only), Beets, Rad (table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumber, Endive (Escarole), Kale, Lettuce, Melons (Cantaloupe, Casaba, Cranberry, Honeydew, Muskmelons, Persimmons & hybrids of these), Watermelons, Onions (green & bulb), Parsley, Peas' (succulent only), Peppers, Potatoes' (surface and subterranean), Spinach, Summer Squash, Winter Squash, Sweet Corn, Sweet Chard, Tomatoes. Using 7-14 oz. per 500 sq ft., broadcast and mix thoroughly into soil just before planting. For surface cutworms mix into soil 2-3 inches deep, for subterranean cutworms mix into soil 3-6 inches deep. If type of cutworm cannot be identified, mix into soil 4-6 inches deep. Do not use on dried pea varieties such as peas, dried lima, navy beans, etc. Do not use on dried pea varieties such as dried kidney peas. Do not use on commonly grown potatoes which will be hand-harvested.

Wireworms - Beans' (Pole, Snap or Lima) (succulent only), Beets, Rad (table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumber, Endive (Escarole), Kale, Lettuce, Melons (Cantaloupe, Casaba, Cranberry, Honeydew, Muskmelons, Persimmons & hybrids of these), Watermelons, Onions (green & bulb), Parsley, Peas' (succulent only), Peppers, Potatoes' (surface and subterranean), Spinach, Summer Squash, Winter Squash, Sweet Corn, Sweet Potatoes, Sweet Chard, Tomatoes, Turneps. Using 10 1/2-14 oz. per 500 sq ft., broadcast and mix thoroughly into soil 4-8 inches deep just before planting. Sweet Potatoes Using 10 1/2 oz. per 500 sq ft., broadcast and mix thoroughly into soil 4-8 inches deep just before planting. Do not use on sweet corn varieties such as dent lima, navy beans, etc. Do not use on dried pea varieties such as dried kidney peas. Do not use on commonly grown potatoes which will be hand-harvested.

Mole Crickets - Beets, Rad (table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Collards, Endive (Escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turneps. Using 3 1/2 oz. per 500 sq ft., broadcast and mix thoroughly into soil 1-2 inches deep one to two days before planting.

Root Maggots - Broccoli, Brussels Sprouts, Cabbage, Cauliflower. Using 7-10 1/2 oz. per 500 sq ft., broadcast and mix thoroughly into soil 3-4 inches deep just before planting or transplanting.

Flea Beetle - Sweet Potatoes. Using 10 1/2 oz. per 500 sq ft., broadcast and mix thoroughly into soil 4-8 inches deep just before planting.

Seed Corn Maggots - Sweet Corn. Using 7-14 oz. per 500 sq ft., broadcast and mix thoroughly into soil 2 inches deep just before planting.

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. Wash thoroughly after handling and before eating or smoking. May cause contact sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, contact a physician. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: Call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.
IF INHALED: Remove victim to fresh air and apply artificial respiration, if indicated.
IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.
IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.
NOTE TO PHYSICIAN: 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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, 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 granules. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

NOTICE: The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty, expressed or implied, as to the effects of such use when this product is not used in accordance with the directions as stated on this label.

Distributed by
DRAGON CORPORATION
Roanoke, VA 24019

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