

JAN 23 1996

Mr. Julius Prinzo
LESCO, Inc.
20005 Lake Road
Rocky River, OH 44116

Dear Mr. Prinzo:

Subject: Amendments- Revise per Diazinon Registration Standard,
Change to homeowner use product
LESCO Diazinon 5G Granular Insecticide
EPA Registration Number 10404-23
Your submission dated October 4, 1993

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

- 1) Submit and/or cite all data or other materials 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. If you choose to repeat the Precautionary Statements on the front panel (as this submission shows) then they must be the identical text as those correct versions that appear at the end of the label, i.e. the text for the Hazards to Humans, Statement of Practical Treatment, Note to Physician, and Environmental Hazards must be the Ciba-Geigy label versions. There really is no need to have this same text appear in two locations, however.
 - b. In the Environmental Hazards, add a comma after "(ducks or geese)".

BEST COPY AVAILABLE

c. Revise the front panel use limitation to read as follows:

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

d. Under BAND TREATMENT AROUND HOUSE FOUNDATION: change "(5' x 20')" to "(2' x 50')", since the band is 2 feet wide.

A stamped copy of the label is enclosed for your records.

The Agency assumes that there is no existing stock of the previously accepted Restricted Use labeled product (since you have not been able to release product since August 31, 1995 without Agency acceptance of labeling revised in accordance with the Diazinon Registration Standard). All future production of this product must bear this amended (homeowner-use) labeling.

Sincerely,

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



Diazinon 5G Granular Insecticide

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 23 1996

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

10404-23

not for use on plants being grown for sale or other commercial use,
or for commercial seed production, or for research purposes.

ACTIVE INGREDIENT:	By Weight
O,O Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	5.00%
INERT INGREDIENTS:	95.00%
TOTAL	100.00%

A. Est. No. 10404-OH-02

E.P.A. Reg. No. 10404-23

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

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

**Ready-to-use Granules.
Contains 5% diazinon
insecticide.**

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid contamination of feed. Wash thoroughly after handling product and before eating or smoking. Keep children and pets off treated areas until product is watered down to soil and lawn has dried.

Statement of Practical Treatment

Call a physician or Poison Control Center immediately. If swallowed, drink one or two 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 to an unconscious person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if desired.

If on skin - Remove contaminated clothing and wash off affected areas with soap and water.

If in eyes - Flush eyes for at least 15 minutes with water. Call a physician if irritation persists.

Note to Physician: If symptoms of cholinergic poisoning occur, administer atropine therapeutically. If swallowed, lavage stomach or induce vomiting.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label.
CHEMIGATION: Do not apply this product through any type of irrigation system.

KILLS:

- Ants, Armyworms
- Bermudagrass mites
- Billbugs
- Brown dog ticks
- Chiggers, Chinch bugs
- Crickets, Cutworms
- Earwigs, Fire ants*
- Fleas, Onion maggots
- Root maggots
- Sod webworms
- White grubs of:
 - European chafer
 - Japanese beetle
 - Southern chafer
- Wireworms
- ...and others
- * Aids in control

one

In Lawns kills

Ants	Crickets	Sod webworms
Armyworms	Cutworms	Sowbugs
Bermudagrass mites	Digger wasps	(Pillbugs)
Billbugs	Earwigs	Springtails
Brown dog ticks	Fire ants*	White grubs of:
Chiggers	Fleas	• European chafer
Chinch bugs	Lawn moths	• Japanese beetle
Clover mites	Leafhoppers	• Southern chafer
	Millipedes	* Aids in control

In Gardens kills

Cutworms	Onion maggots	Wireworms
Mole crickets	Root maggots	

OVERALL LAWN APPLICATION

Special Precautions To Reduce Risk To Birds

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

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs.
6. 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.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

controls certain lawn insects on both grass and dichondra lawns. Apply with fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (<i>Collembola</i>)	2 lbs. per 1,000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulius</i> (dung beetle)	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or Summer when damage is first noticed. Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat again in late Summer or early Fall, if a second generation occurs.
Hyperodes weevils	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

* 1,000 sq. ft. = an area 20 ft. x 50 ft.

100 sq. ft. = an area 10 ft. x 10 ft.

2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

Note: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application.

APPROXIMATE SPREADER SETTINGS:

Cyclone Spreader Setting	Approximate Setting*
2 pounds per 1,000 sq. ft.	4.5
3 pounds per 1,000 sq. ft.	5.5

LESCO Rotary Spreader Settings:

#Product/1,000 sq.ft.	#AI/A	Effective Spreading Width	3rd Hole	Approx. Setting
2	4.4	6'	Open	E

*IMPORTANT: These settings are approximate. Age, condition of spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application.

LESCO
Diazlnon 5G Granular Insecticide
EPA Reg. No. 10404-23

two

~~Controls~~ controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

Do not apply this product to food crops grown in greenhouses.

Unless directions under Timing/Special Directions state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

SOIL INCORPORATION

Insect	Depth of Mixing or Incorporation into Soil
Surface cutworms *	2-3 inches
Subterranean cutworms *	3-6 inches
Mole crickets	1-2 inches
Root maggots	3-4 inches
Wireworms	4-8 inches

* If type of cutworm cannot be identified, mix into soil 4-6 inches deep.

LESCO
Diazinon 5G Granular Insecticide
EPA Reg. No. 10404-23

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

Note: Do not use on dried bean varieties, such as pintos, dried limas, or navy beans.

Beets, Red (Table)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

Broccoli	Root Maggots	7-10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
--	---------------	---------------------------	---

Brussels Sprouts	Root Maggots	7-10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
------------------	--------------	------------------------------	--

	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
--	---------------	---------------------------	---

Lawn Spot Treatment

Ants: Apply 1 1/2 teaspoons ~~of product~~ over and around each ant hill.

Fire ants: To aid in the control of fire ants in lawns and other outdoor home recreation areas, apply 1/2 cup over, and 2 ft. around, each fire ant mound. Immediately after application, water-in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 gal. of water should be applied to each mound area. Reapply as necessary.

Note: For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

Digger wasps: Apply 1 1/2 teaspoons ~~of product~~ in and around each nest opening. Apply at dusk when wasps are not active.

Band Treatment Around House Foundation

The following pests are commonly found around or near house foundations, and may enter the house:

- | | | |
|-----------------|----------|--------------------------|
| Ants | Crickets | Millipedes |
| Brown dog ticks | Earwigs | Sowbugs (Pillbugs) |
| Cleaver mites | Fleas | Springtails (Collembola) |

Apply a 2-foot band of ~~product~~ 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. If necessary, repeat application at 3-week intervals.

VEGETABLES - INSECT CONTROL

Special Precautions To Reduce Risk To Birds

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

1. Thoroughly mix ~~product~~ into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

These

Crop	Pest	Rate	Timing/Special Directions
Cabbage	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Carrots	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cauliflower	Root Maggots	7-10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Celery	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Collards	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cucumbers	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Endive (Escarole)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

Lettuce	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and Hybrids of these), and Watermelons	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Mustard	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 oz. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. Note: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
	Wireworms	10½-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Peas (succulent only)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Note: Do not use on dried pea varieties such as dried blackeyed peas.			
Peppers	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Potatoes	Cutworms (Surface and Subterranean)	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Radishes	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Squash (Summer and Winter)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	

four

Crop	Pest	Rate	Timing/Special Directions
Sweet Corn	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Seed Corn Maggots	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	10½ oz. per 500 sq. ft.	Broadcast and mix into soil just before planting
Swiss Chard	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	
	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions	Mole Crickets	3½ oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10½-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.

STORAGE AND DISPOSAL

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or diluted material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. In case of spill: avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for advice.

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.

LESCO
Diazinon 5G Granular Insecticide
EPA Reg. No. 10404 23

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

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.

Statement of Practical Treatment

If swallowed: Call a physician immediately. Drink one or two 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. Get medical attention.

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 (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. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

For lawns, follow all watering instructions in the directions for use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, within 75 ft. of any body of water which may attract waterfowl, such as ponds or lakes.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to fish and other 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.

WARRANTY

LESCO warrants that this insecticide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this insecticide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

#005823
Net Wgt. 40 Lbs.
(18.2 Kg.)

~~Manufactured by~~
LESCO, INC.
2005 Lake Road, P. O. Box 16915
Rocky River, Ohio 44116

five.

Made in U.S.A.