

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

~~655/1663-23~~
12/7

JUL 19 1995

Mr. J. Allen Dunlap III
Platte Chemical Company
P.O. Box 667
Greeley, CO 80632-0667

Dear Mr. Dunlap:

Subject: Amendment- Revise per Diazinon Registration Standard
Clean Crop Diazinon 5 Lawn & Garden
EPA Registration Number 34704-57
Your submissions dated February 4, 1994

This 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. In the Environmental Hazards, revise "For terrestrial...high water mark" to read "Do not apply directly to water."

b. Under DIRECTIONS FOR USE change "Federal Law" to "Federal law".

c. For the Band Treatment Around House Foundation, revise the treated area from "100 sq. ft. (5' by 20')" to "100 sq. ft. (2' by 50')", since the band width is supposed to be 2 feet wide.

CONCURRENCES

SYMBOL	75052						
SURNAME	LAO						
DATE	7/14/95						

2 of 5

3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Your current Confidential Statement of Formula (CSF) does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard, as well as the certification regarding the determination of the certified limits of the toxicological significant impurities, i.e., reliance on your diazinon supplier's analysis of their technical. Please check with each of your diazinon suppliers in this regard and update your CSF accordingly.

We note that you list two different suppliers for diazinon. For each supplier you must submit separate CSF forms because the impurities of toxicological concern for diazinon are different for each technical.

Sincerely,

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

Enclosure

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.

ACCEPTED
with COMMENTS
In EPA Letter Dated

19 JUL 1995



DIAZINON 5 LAWN & GARDEN

the Federal Insecticide, Fungicide, and Rodenticide Act, the pesticide registration provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, and the pesticide registration provisions of the Federal Insecticide, Fungicide, and Rodenticide Act.
34704-57

FOR OUTDOOR USE ON THE HOME LAWN AND IN THE HOME GARDEN ONLY.

LAWN AND GARDEN INSECT CONTROL.
READY TO USE GRANULES.

CONTAINS 5% DIAZINON INSECTICIDE.

In Lawns DIAZINON 5 LAWN & GARDEN CONTROLS:

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

In Gardens DIAZINON 5 LAWN & GARDEN CONTROLS:

Cutworms	Onion maggots	Wireworms
Mole crickets	Root maggots	

ACTIVE INGREDIENT:

Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	5%
INERT INGREDIENTS:	95%
TOTAL	100%

boring 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.

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.

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 in a cool, dry, well-ventilated area. Store product in an 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 this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call (303) 356-4400 or 1-800-424-9300 day or night.

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.

DIAZINON 5 LAWN & GARDEN controls certain lawn insects on both grass and dichondra lawns. Apply this product with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-57 EPA EST. NO. _____
NET WEIGHT _____ LBS. (_____ KG)
37565 EXPCG01Y94

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.

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, or 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. For terrestrial uses, 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 other aquatic organisms in neigh-

DIAZINON 5 LAWN & GARDEN

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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 spretulus</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 weight 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.

LAWN SPREADER SETTING NO. ** (To Deliver 2 lbs. per 1000 sq. ft.)

Spreader Make and Model	Grass or Dichondra Lawn
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader—No. 1622-0	6 1/2
Cyclone Model B1 Rotary	4 1/2
Greenfield Model 105	6 1/2
ORTHO Drop Spreader Model 3000	4 1/2
ORTHO Broadcast Spreader Model 4000	4 1/2
J.C. Penney Model 8005	7 1/4
J.C. Penney Rotary Spreader	5
Scott Precision Flow Spreader Model PF-4	4
Sears Craftsman Model 671.19198	6

** For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.

Lawn Spot Treatment:

Ants: Apply 1 1/2 teaspoons of DIAZINON 5 LAWN & GARDEN 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. A minimum of 1 gallon of water should be applied to each mound area. Reapply as

necessary. 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 DIAZINON 5 LAWN & GARDEN 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	Fleas
Brown dog ticks	Millipedes
Clover mites	Sowbugs (Pillbugs)
Crickets	Springtails (<i>Collembola</i>)
Earwigs	

Apply a 2-foot band of DIAZINON 5 LAWN & GARDEN 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 DIAZINON 5 LAWN & GARDEN 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.

DIAZINON 5 LAWN & GARDEN 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.

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	4-6 inches

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

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. 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 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	
Broccoli	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 ozs. per 500 sq. ft.	
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	
Brussels Sprouts	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 ozs. per 500 sq. ft.	
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	

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CROP	PEST	RATE	TIMING/ SPECIAL DIRECTIONS
Cabbage	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Carrots	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Cauliflower	Root Maggots	7-10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Celery	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Collards	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Cucumber	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Endive (Escarole)	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Lettuce	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, & Hybrids of these) and Watermelons	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Mustard	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green)	Onion Maggots	7-14 ozs. 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	10 1/2-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	

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CROP	PEST	RATE	TIMING/ SPECIAL DIRECTIONS
Peas (succulent only)	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
NOTE: Do not use on dried pea varieties such as dried blackeyed peas.			
Peppers	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Potatoes	Cutworms (Surface & Subterranean)	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Radishes	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Squash, Summer and Winter	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Sweet Corn	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Seed Corn Maggots	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	10 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Swiss Chard	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 ozs. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	
	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Turnips	Mole Crickets	3 1/2 ozs. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 ozs. per 500 sq. ft.	

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE 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 PLATTE. IN NO CASE SHALL PLATTE 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 HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697