

Ms. Glenda Haage
Platte Chemical Company
419 18th Street
Greeley, CO 80631

NOV - 2 1999

Dear Ms. Haage:

Subject: Amendment - Delete "For outdoor use on the home lawn
and in the home garden";
Add RUP block; Add WPS
Diazinon 5 Granules
EPA Registration Number 34704-493
Your submission dated October 21, 1999

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) In the lawn use directions, in two places in the Billbugs, White Grubs Timing/Special Directions revise "stop watering if puddling occurs" to "stop watering before puddling occurs."
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)

RESTRICTED USE PESTICIDE

DUE TO AVIAN AND AQUATIC TOXICITY

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

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



DIAZINON 5 GRANULES

ACTIVE INGREDIENT:	BY WT.
Diazinon: O,O-dimethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	5.0%
INERT INGREDIENTS:	95.0%
	TOTAL 100.0%

Note to Physician: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidote. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. **FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-6835, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.**

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 34704-493
EPA EST. NO. _____
NET WEIGHT 50 LBS. (22.68 KG)

INT EXP10Y99

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 sod 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. Do not apply directly to water. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Snails and crabs 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 begin 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.

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 1-303-356-4400 or 1-800-424-9300 day or night.

In Lawns this product controls:

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 chafar
Chinch bugs	Lawn moths	*Japanese beetle
Clover mites	Leathoppers	*Southern chafar
	Milipedes	
		*Aids in control

In Gardens this product controls:

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.

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

Insert (A)

Insert (B)

ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV - 2 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **34704-493**

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DIAZINON 5 GRANULES

EPA REG. NO. 34704-493

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 (Collembola)	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 chater, Southern chater, <i>Agrilus spretulus</i> (dung beetle)	2 lbs. per 1,000 sq. ft.	Water grass with at least 1/2 inch of water after application, however, stop watering if 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 1/2 inch of water application, however, stop watering if 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 1/2 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 lb. 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.

LAWN SPREADER SETTING NO.** (To deliver 2 lbs. per 1,000 sq. ft.)

Spreader Make and Model	Setting
Central Imperial	6 1/2
Mark No. 1882-G	
Central Suburbia	6 1/2
Lawn Spreader No. 1822-0	
Cycone	4 1/2
Model B1 Rotary	
Greenleaf	8 1/2
Model 105	
ORTHO	4 1/2
Drop Spreader Model 3000	
ORTHO	4 1/2
Broadcast Spreader Model 4000	
J.C. Penney	7 1/4
Model 6005	
J.C. Penney	5
Rotary Spreader	
Scott	4
Precision Flow Spreader Model PF-4	
Sears Craftsman	6
Model 871 1B198	

**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 this 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 this product in and around each nest opening. Apply at dusk when wasps are not active.

SAND 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)
Clover mites	Fleas	Springtails (Collembola)

Apply a 2-foot band of this product next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (2' x 50') 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 this 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.

This product 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*	3-8 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.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	

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

Beans, Red (Table)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Broccoli	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Brussels Sprouts	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Cabbage	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Root Maggots	14-21 oz. per 1,000 sq. ft.	
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Carrots	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Mole Crickets	7 oz. per 1,000 sq. ft.	

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DIAZINON 5 GRANULES
EPA REG. NO. 34704-493

Crop	Pest	Rate	Timing/Special Directions
Cauliflower	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Celery	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Collards	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Cucumbers	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Endive (Escarole)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Kale	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Lettuce	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Melons (Cantaloupes, Casabas, Chansaws, Honeydew, Muskmelons, Persans and hybrids of these) and Watermelons	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Mustard	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb & Green)	Onion Maggots	14-28 oz. per 1,000 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	21-28 oz. per 1,000 sq. ft.	
Parsley	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Peas (succulent only)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Note: Do not use on dried pea varieties such as dried blackeyed peas.			
Peppers	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	
Potatoes	Cutworms (Surface & Subterranean)	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	

Crop	Pest	Rate	Timing/Special Directions
Radishes	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	
Spinach	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Squash (Summer and Winter)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting and
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Sweet Corn	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Seed Corn Maggots	14-28 oz. per 1,000 sq. ft.	
Sweet Potatoes	Wireworms	21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Flies	1,000 sq. ft.	
Swiss Chard	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Tomatoes	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Turnips	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	

NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP 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, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER OR 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 HEREIN, PLATTE, THE MANUFACTURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS 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, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR
PLATTE CHEMICAL CO.

419 18TH STREET, GREELEY, COLORADO 80631-5852

A

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

B

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants in farms, forests, nurseries, or greenhouses.

- Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.