

PM13

34704-230

1 of 7 File



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 3 - 1994

J. Allen Dunlap III
WILLIAM M. MAHLBURG
BOX 667
GREELEY CO, 80632

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 10/07/93 in Response to PR Notice 93-7
EPA Reg. No. 34704-230
DIAZINON G-14

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.

BEST AVAILABLE COPY



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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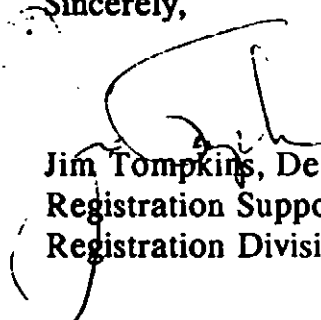
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

J Allen Dunlap III
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
- BOX 667
GREELEY CO 80632

Comment for: EPA Reg Nr.34704-230
DIAZINON G-14

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

User Safety Recommendations must either be placed in a box
or printed on the label in a contrasting color from
surrounding text.

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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.

PROPOSED LABEL



DIAZINON G-14

MAR 3 1994

ACCEPTED WITH COMMENTS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-230

Organophosphate Insecticide

FOR CONTROL OF CERTAIN SOIL INSECTS INCLUDING WIREWORMS, CUTWORMS, AND OTHER CROP PESTS.

ACTIVE INGREDIENT:	BY WEIGHT
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl 4-pyrimidinyl) phosphorothioate	14.0%
INERT INGREDIENTS:	86.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 34704-230

EPA EST. NO. _____

NET WEIGHT _____ POUNDS

3651

WPSEX08Y93

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with eyes, skin or clothing. Do not store near food or feed products. Do not contaminate ornamental fish ponds.

Personal Protective Equipment:

Applicators and other handlers must wear long-sleeved shirt and long pants with long sleeves and cuffs, socks, shoes, and a hat. Wear eye protection, gloves, and a respirator or other appropriate respiratory protection. Wash hands and face before eating, drinking, or using the toilet.

Engineering controls statements:

When handling this product, use enclosed cabs or other engineering controls to reduce exposure. Use the Water Injection System (WIS) to reduce dust. Use a CHL 2000 and other engineering controls to reduce dust. Do not use this product in areas where it may be inhaled or absorbed through the skin.

USER SAFETY RECOMMENDATIONS

Wash hands and face before eating, drinking, or using the toilet. Wash hands and face after handling this product. Wash the outside of the container with soap and water. Do not use this product in areas where it may be inhaled or absorbed through the skin.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping granules. Collect or incorporate granules that are spilled during loading or are visible in turn areas. 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 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 washwaters.

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.

Use this product only on the crops and pests listed on the label. Do not use this product on any other crops or pests. Do not use this product in areas where it may be inhaled or absorbed through the skin.

AGRICULTURAL USE REQUIREMENTS

Use this product only on the crops and pests listed on the label. Do not use this product on any other crops or pests. Do not use this product in areas where it may be inhaled or absorbed through the skin.

FAILURE TO FOLLOW ALL DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

Unless directions under "Timing/Special Directions" state otherwise, applications to the soil should be worked into the top few inches immediately after application with a rotary hoe, cultivator, disk, harrow, or other suitable means.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

When handling DIAZINON G-14 do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Practical Treatment section of this label. When handling this product, wear the personal protective equipment listed in the following section.

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PROTEC LABEL

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DIAZINON G-14

EPA REG. NO. 34704-230

Do not apply this product in a way that will contact unprotected workers, either directly or through drift. Only protected handlers may be in the area during application.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

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. Do not reuse container.

VEGETABLE CROPS

DIAZINON G-14 should be applied uniformly as directed for each crop. When a range of rates is given, use the higher rate for heavy infestations.

For application by ground equipment only. Do not apply this product to food crops grown in greenhouses.

Note: Soil Incorporation - Unless directions under "Timing/Special Directions" state otherwise, for control of pests listed below DIAZINON G-14 should be incorporated into the soil during or immediately after application with a rotary hoe, cultivator disk, harrow, or other suitable means.

Insect	Depth of Incorporation
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 cutworms cannot be identified, incorporate 4-6 inches.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Beans (Pole, Snap or Lima) (succulent varieties only)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Beets, Red (Table)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Broccoli	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into the soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.

Broccoli cont'd.	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Brussels Sprouts	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into the soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Cabbage	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into the soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Carrots	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Cauliflower	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Root Maggots	14-21 lbs. per acre	Broadcast and incorporate into the soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Celery	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Collards	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.

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22070 LABEL

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DIAZINON G-14

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Cucumbers	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Endive (Escarole)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Ginseng	Cutworms, Climbing cutworms, Wireworms, White grubs	14-28 lbs. per acre	In new beds, broadcast just before planting and incorporate into the top 4-8 inches of soil by tilling with hand-held or powered ground equipment.
		21 lbs. per acre	When soil insect damage appears in established beds, broadcast in the Spring or late Summer through early Fall. Incorporate mechanically with 1/2 inch of irrigation.
Kale	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Lettuce	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and Hybrids of these) and Watermelons	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Mustard	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Onions (green & bulb)	Onion Maggots	14-28 lbs. per acre	Broadcast just before planting and incorporate into the top 3-4 inches of soil. NOTE: Diazinon will not control organophosphate-resistant onion maggots.

NOTE: Do not apply more than once per growing season. Do not apply within 12 months of harvest.

Onions cont'd.	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Parsley	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Peas (succulent varieties only)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Peppers	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Potatoes	Cutworms (Surface & Subterranean)	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into soil just before planting.
NOTE: Do not use on commercially grown potatoes which will be hand-harvested.			
Radishes	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
Spinach	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Squash (Summer and Winter)	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Sweet Corn	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Seed Corn Maggots	14-28 lbs. per acre	Broadcast just before planting and incorporate into the soil 2 inches.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Sweet Potatoes	Wireworms, Flea Beetles	21 lbs. per acre	Broadcast and incorporate into soil just before planting.
Swiss Chard	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
Tomatoes	Cutworms	14-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.
	Mole Crickets	7 lbs. per acre	Broadcast and incorporate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorporate into the soil just before planting.

PROPOSED LABEL

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DIAZINON G-14

EPA REG. NO. 34704-230

Turnips	Mole Crickets	7 lbs. per acre	Broadcast and incorpo- rate into plant beds or fields 1-2 days before sowing of seed or transplanting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorpo- rate into the soil just before planting.

FIELD CROPS

DIAZINON G-14 should be applied uniformly as directed for each crop. Observe stated time intervals between applications and maximum number of applications per season.

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Sugar Beets	Sugar Beet Root Maggots	7-14 lbs. per acre or 4.7- 9.4 ozs. per 1,000 linear ft. of row.	Apply in a 5-7 inch band (based on 22" row spacing) incorporated 2-3 inches at planting.
	Wireworms	21-28 lbs. per acre	Broadcast and incorpo- rate into the soil 4-8 inches just before planting.
NOTE: Do not apply more than 28 lbs. of DIAZINON G-14 per acre to the soil per season.			

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. 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. 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, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697