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PM-15  
34704-230

SEP 04 1986

Ms. Diana G. Williams  
Platt Chemical Company  
419 18th Street  
P.O. Box 667  
Greeley, CO 80632

Dear Ms. Williams:

Subject: Amendment - Certified Limits of Active Ingredients  
Clean Crop Diazinon G14  
EPA Registration No. 34704-230  
Your Letter Dated June 17, 1986

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

Section 62-2(c) of Product Chemistry Subdivision D Guidelines and the directions on the back of the Confidential Statement of Formula require certified limits on the pure active ingredient. According to our calculations these should be 16.01% and 14.01%. Please submit your revisions.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

86174:Newkirk:LR-5:KENCO:8/27/86:9/9/86:de:ejh  
R:86176:Newkirk:LR-5:KENCO:9/2/86:9/12/86:tar:ejh

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
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PM15  
34704-230

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# DIAZINON G-1

FOR AGRICULTURAL AND  
COMMERCIAL USE ONLY  
Not for Sale to the General Public

ACTIVE INGREDIENT: 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 50 POUNDS

\* CLEAN CROP is a Registered T.M. of United Agri Products, Inc.

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. May be absorbed through skin. Avoid breathing of dust. Avoid contact with skin. Avoid contamination of feed and foodstuffs. Wash thoroughly after handling and before eating or smoking. Keep children and pets off treated areas until granules have been watered off grass blades and grass has dried.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED — Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED — Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN — Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES — Flush eyes with plenty of water. Call a physician if irritation

### Suggested Rates According to Corn Row Spacing

Row spacing	Linear feet of corn row per acre	Amount of DIAZINON G-14 per acre Postemergence basal treatment
48"	10,896	3-6 lbs.
42"	12,455	3¼-6½ lbs.
40"	13,066	3½-7 lbs.
38"	13,939	3¾-7½ lbs.
36"	14,520	4-8 lbs.
30"	17,424	4¾-9½ lbs.
24"	21,780	5¾-11½ lbs.
20"	26,136	7-14 lbs.
15"	34,848	9¾-18½ lbs.

Note: For row spacings not listed, calculate the appropriate dosage rates based on the 40-inch row figures.

European Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls, when 75% of plants show first generation borers feeding. Make a second application 7 days later if necessary. To control second generation European corn borers, apply 7-14 lbs. per acre, as above, when field count shows 100 European masses per 100 plants.

DIAZINON G-14 may be applied by aircraft for the above use. This material should be uniformly applied to the area to be treated at the recommended rates given above.

Fall Armyworms: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when armyworms first appear. Repeat application if necessary.

Southwestern Corn Borers: Apply 7-14 lbs. per acre over the corn so granules fall into whorls when second-generation borers first appear. Repeat application one week later.

Note: Do not feed treated fodder to dairy or beef cattle or sheep for 10 days following application. Corn may be picked immediately. Temporary spotting of foliage sometimes occurs following application.

Wireworms: Broadcast 14-28 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into soil 1-2 inches. Do not apply after layby. For subterranean cutworms apply just prior to planting and work into soil 3-6 inches.

Seed Corn Maggots: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2 inches.

Garden Symphylans (Centipedes): Broadcast 35 lbs. per half acre just prior to planting and work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean) and wireworms.

Wireworms: Broadcast 21-28 lbs. per acre before planting. Work into soil 4-8 inches.

### Peanuts

Southern Corn Rootworms: Broadcast 28 lbs. per acre of the equivalent in a band over the fruiting zone, just prior to pegging. Work into top few inches of soil.

Cutworms: Apply 14 lbs. per acre in a 12-inch band over the row when cutworms first appear. Up to three additional applications at three-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

Lesser Cornstalk Borers: Apply 14-21 lbs. per acre in a band over the fruiting zone just prior to pegging. Cover the band with 1-2 inches of soil.

Note: Livestock (1) may be fed peanut hulls (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

### Sorghum

Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil

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# DIAZINON

# 4

ACCEPTED

SEP 4 1988

U.S. Department of Agriculture  
 Federal and State Insect  
 Quarantine Act, 7 U.S.C. 161  
 registered under  
 EPA Reg. No.

### OTHER VEGETABLE INSECTS

#### Cutworms (Surface and Subterranean)

- |                  |                   |               |
|------------------|-------------------|---------------|
| Broccoli         | Endive (escarole) | Pole Beans    |
| Brussels Sprouts | Kale              | Snap Beans    |
| Cabbage          | Lettuce           | Spinach       |
| Cantaloupes      | Lima Beans        | Summer Squash |
| Cauliflower      | Muskmelons        | Swiss Chard   |
| Celery           | Parsley           | Tomatoes      |
| Collards         | Peas              | Watermelons   |
| Cucumbers        | Peppers           | Winter Squash |

Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms

Potatoes: Broadcast 14-28 lbs. per acre before planting. Work into soil 4-6 inches.

#### Garden Symphylans (Centipedes)

- |         |            |          |
|---------|------------|----------|
| Cabbage | Pole Beans | Tomatoes |
| Carrots | Radishes   | Turnips  |
| Lettuce | Red Beets  |          |
| Peas    | Snap Beans |          |

Broadcast 70 lbs. per acre just prior to planting. Work into soil 4-8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

#### Mole Crickets

- |                  |                   |          |
|------------------|-------------------|----------|
| Broccoli         | Endive (escarole) | Radishes |
| Brussels Sprouts | Kale              | Tomatoes |
| Cabbage          | Lettuce           | Turnips  |
| Cauliflower      | Mustard           |          |
| Collards         | Peppers           |          |

Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

#### Lesser Cornstalk Borers

Beans (Lima, Pole, Snap): Apply 7-14 lbs. per acre in a 6-inch band centered over the row. Apply when plants are 1/2-1 inch tall

#### Wireworms

- |                  |                   |                |
|------------------|-------------------|----------------|
| Broccoli         | Endive (escarole) | Pole Beans     |
| Brussels Sprouts | Kale              | Snap Beans     |
| Cabbage          | Lettuce           | Spinach        |
| Cantaloupes      | Lima Beans        | Summer Squash  |
| Carrots          | Muskmelons        | Sweet Potatoes |
| Cauliflower      | Onions            | Swiss Chard    |
| Celery           | Parsley           | Tomatoes       |
| Collards         | Peas              | Watermelons    |
| Cucumbers        | Peppers           | Winter Squash  |

Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches

Potatoes: Broadcast 21-42 lbs. per acre before planting. Work into soil 4-8 inches or apply 7-21 lbs. per acre at planting, placing DIAZINON G-14 in bands 3-6 inches deep along both sides of row.

Sweet Potatoes: (Southeastern U.S.): Broadcast 21 lbs. per acre over the tops of vines when roots begin to enlarge.

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... of this grasses or weeds. ... induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF INHALED** — Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN** — Remove contaminated clothing and wash affected areas with soap and water.

**IF IN EYES** — Flush eyes with plenty of water. Call a physician if irritation persists.

**NOTE TO PHYSICIAN:** This product contains a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be administered 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.

**RE-ENTRY STATEMENT**

Do not enter treated areas without protective clothing until dusts have settled. Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes, and socks. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

**CAUTION**

(Insert area or field description) treated with Diazinon on (insert date of application.) Do not enter treated areas without protective clothing until dusts have settled. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Diazinon and describe his condition. For further information see the STATEMENT OF PRACTICAL TREATMENT portion of the pesticide label.

**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.

**RECOMMENDATIONS FOR USE**

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 for greatest effectiveness.

**FIELD AND FORAGE INSECTS**

**Beans (Pinto)**  
Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band centered over the row when beans are 1/2 - 1 inch high.

**Corn**  
Corn Rootworm Larvae: (Postemergence Basal Treatment) Apply 4 1/2 - 8 1/2 oz. per 1,000 linear feet of row in a band over the row at first sign of rootworms, but not later than June 24 in the Middle Corn Belt or July 1 in the Northern Corn Belt. Cover treated band with 2-3 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

Lesser Cornstalk Borers: Apply 8 1/2 - 17 oz. per 1,000 linear feet of row in a 10-inch band centered over the row. Make application at planting time or when crop begins to emerge. Cover the treated band with 1-2 inches of soil.

Apply amount per acre recommended according to row spacing chart for basal treatment.

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zone just prior to pegging. Cover the band with 1-2 inches of soil.

Note: Livestock (1) may be fed peanut hulls (2) may be fed peanut forage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

**Sorghum**  
Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 10-inch band over the row at planting time or as crop emerges. Cover the band with 1-2 inches of soil.  
Note: Do not apply directly to the seed furrow as reduction of sorghum seed germination may occur.

**Soybeans**  
Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

Lesser Cornstalk Borers: Apply 7-14 lbs. per acre in a 6-inch band over the row just prior to planting or when soybeans are 1-2 inches high. Cover the band with 1-2 inches of soil.

**Sugar Beets**  
Sugar Beet Root Maggots: Apply 7-14 lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-9.4 oz. per 1,000 linear feet of row in a 5-7 band either incorporated 2-3 inches at planting or applied above the seed after the seed is covered. Apply ahead of the press wheel. If a heavy maggot infestation is anticipated or a wet spring occurs, a second application may be made, early postemergence, when the adult maggots (flies) first start to appear. If a second application is necessary, apply 7-10 1/2 lbs. per acre in a 5-7 inch band (based on row width of 22 in.) or 4.7-7.1 oz. per 1,000 linear feet of row in a 5-7 inch band directly over the row.

Note: DIAZINON G-14 should not come in direct contact with the seed or injury will occur.

Wireworms: Broadcast 21-28 lbs. per acre just prior to planting. Work into soil 4-8 inches.

**Sugarcane**  
Sugarcane Borers: Broadcast 10 1/2 - 17 1/2 lbs. per acre after joints have begun to form and when at least 5% of plants show borers feeding in or under the leaf sheath, but which have not bored into the stalks. Additional applications may be necessary to assure continuing control.

Note: Do not make more than four applications per growing season. Allow 28 days between last application and harvest. At that time bagasse and forage may be fed to livestock.

Wireworms: Apply 42 lbs. per acre in a 12-inch band over the open furrow, directly to seed pieces.

**Tobacco**  
Cutworms: Broadcast 14-21 lbs. per acre before transplanting. Work into soil 2-4 inches.

Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches.

Seed Corn Maggots: Broadcast 10 1/2 lbs. per acre 3-4 weeks before transplanting. Work into soil 2 inches.

Wireworms: Broadcast 14-21 lbs. per acre 3-4 weeks before transplanting. Work into soil 6-9 inches.

**Forage Crops (Alfalfa, Clover, Cowpeas, and Lespedeza)**  
Cutworms: Broadcast 14-28 lbs. per acre just prior to planting. Work into soil 2-3 inches to control surface cutworms; 3-6 inches to control subterranean cutworms.

**VEGETABLE CROP INSECTS**

**Broccoli, Brussels Sprouts, Cabbage, Cauliflower**  
Root Maggots: Broadcast 14-21 lbs. per acre before planting or transplanting. Work into soil 3-4 inches.

**Onions**  
Onion Maggots: Apply 14-28 lbs. per acre as a broadcast soil treatment just prior to planting. Thoroughly mix the chemical into the top 3-4 inches of soil by disking, harrowing, or other suitable means.

**Radishes**  
Root Maggots: Apply 10 1/2 - 14 lbs. per acre (2 1/2 - 2 1/2 oz. per 1,000 linear feet or row) in the seed furrow at planting time.

**Sweet Corn**  
See Corn under Field and Forage insects.

**Tomatoes**  
Vinegar Flies (*Drosophila spp.*): Broadcast 7 lbs. per acre when flies first appear. Repeat in 7-10 day intervals or as required.

inches or apply 7-21 lbs. per acre at planting, placing DIAZINON G-14 in furrows 3-6 inches deep along both sides of row.

Sweet Potatoes: (Southeastern U.S.): Broadcast 21 lbs. per acre over the tops of vines when roots begin to enlarge.

**SMALL FRUIT INSECTS**

**Strawberries**  
Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to transplanting and work into soil 1-2 inches.

**LAWN INSECTS**

Lawn Chinch Bugs: Apply 1/2-1 lb. per 1,000 sq. ft. (2 1/2-5 lbs. per 5,000 sq. ft.). Water lawn thoroughly after application. Repeat application in 7-10 days if necessary. For longer residual control and on dense growing turf such as St. Augustine grass, use 1-1 1/2 lbs. per 1,000 sq. ft. (5-7 1/2 lbs. per 5,000 sq. ft.)

Billbug; White Grubs such as Japanese Beetle Larvae, European Chafer, and Southern Chafer: Apply 1 lb. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

Hyperodes Weevil (New York only): Apply 3/4 lb. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

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

Spreader Make	Application	Application
	DIAZINON G-14	DIAZINON G-14
	1/2 lb. per 1000 sq. ft.	1 lb. per 1000 sq. ft.
Scott Model 35	5	5 1/4
Lawn Beauty Model 2455	4	5
Sears Craftsman	3	4
Greenfield 105	5	5 1/2
Precision Red Devil	5	6
Jackson Drop Type	6	6 1/2
Orlho Drop Type	3 1/2	4 1/2
Lambert Golden Harvest Model Drop Type	1	1 1/2
Lambert Broadcast	1	1 1/2
Cyclone Models	2	2 1/2

**Diazinon Mixture  
RQ NA2783**

**ORM-A**

**NOTICE**

Platte warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above. Platte makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Platte or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Platte and the Seller offer this product and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of Platte.

FORMULATED FOR  
**PLATTE CHEMICAL COMPANY, INC.**  
150 SO. MAIN STREET      FREMONT, NEBRASKA 68025