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19713-95

03/12/1982

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 19713-95	DATE OF ISSUANCE MAR 12 1982
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Drexel D-264 14 G Granular Insecticide	

NOTICE OF PESTICIDE: REGISTRATION REREGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Drexel Chemical Company
 P.O. Box 9305
 Memphis, TN 38103

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with the provisions of Section 3(c)(7)(A) of the Act, since you have agreed that you will submit and/or place all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

The following revisions should be made at the next label printing for each of the sections indicated:

1. Hazards to Humans & Domestic Animals:
 - a. Revise "May be fatal if swallowed" to "Harmful if swallowed."
 - b. Revise the third sentence to read "Do not breathe dust."

DRP 3/11/82

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 	DATE 3/12/82
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- c. Revise the seventh sentence to read "Do not permit children to go into treated areas until areas have completely dried". Also change "spray" to "areas" in the tenth sentence as per our January 11, 1982 letter.

2. Environmental Hazards

- a. Revise the second sentence to read "Birds feeding on treated areas may be killed."

3. Directions for Use:

- a. A spreader setting chart must be added to the Lawn Insects section: Consult your supplier or determine by trials the proper setting for several national brand spreaders to deliver recommended rates/1000 sq. ft.
- b. Delete "and brush lawn to work granules down to the soil surface" as thorough watering as directed should be sufficient.

4. Storage and Disposal

- a. Delete "Subtitle C of" before "Resource Conservation and Recovery Act."

5. Warranty

- a. Add "contrary to label directions" after "resulting from the use or handling of this product."

Please submit 5 copies of the revised labels when they become available.

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

ACCEPTED
 MAR 12 1982
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-95



D-264 14G
 GRANULAR INSECTICIDE

For control of certain soil insects including wireworms, cutworms and other crop pests as listed.

ONLY FOR SALE TO, USE AND STORAGE BY SERVICEPERSONS (INCLUDING FARMERS, COMMERCIAL PESTICIDE OPERATORS, AND TURF MAINTANCE PERSONNEL).

ACTIVE INGREDIENTS:

0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	14.0%
INERT INGREDIENTS:	86.0%
TOTAL	100.0%

**KEEP OUT OF THE REACH OF CHILDREN
 CAUTION**

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. 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 and apply artificial respiration if indicated.
 IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.
 IF IN EYES: Rinse eyes for at least 15 minutes with water and call a physician immediately.
 NOTE TO PHYSICIAN: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

See Additional Precautionary Statements On Left Panel.

EPA Reg #19713-95
 EPA Est #19713-MS-1

Net Contents:

Gallons: _____
 Liters: _____

 **Drexel Chemical Company**
 P.O. BOX 9306, MEMPHIS, TENN 38109

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

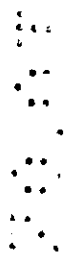
CAUTION

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food. Do not use on humans or permit children to go into treated areas until spray has completely dried.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pests or livestock. Do not permit pets to go into treated areas until spray has completely dried.

ENVIRONMENTAL HAZARDS

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



Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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 $\frac{1}{2}$ -1 inch high.

Corn

Corn Rootworm Larvae: (Postemergence Basal Treatment)

Apply $4\frac{1}{2}$ - $8\frac{1}{2}$ 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 $8\frac{1}{2}$ - 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.

Suggested Rates According to Corn Row Spacing

Row spacing	Linear feet of corn row per acre	Amount of D-264 14G Granular Insecticide per acre Postemergence basal treatment
48"	10,890	3 - 6 lbs.
42"	12,455	$3\frac{1}{2}$ - $6\frac{1}{2}$ lbs.
40"	13,068	$3\frac{1}{2}$ - 7 lbs.
38"	13,939	3 $\frac{3}{4}$ - $7\frac{1}{2}$ lbs.
35"	14,520	4 - 8 lbs.
30"	17,424	4 $\frac{3}{4}$ - $9\frac{1}{2}$ lbs.
24"	21,780	5 $\frac{3}{4}$ - $11\frac{1}{2}$ lbs.
20"	26,136	7 - 14 lbs.
15"	34,848	$9\frac{1}{2}$ - $18\frac{1}{2}$ lbs.

Note: For row spacings not listed, calculate the appropriate dosage rates based on the 40-in. 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 needed. To control second-generation corn borers, apply 7 - 14 lbs. per acre, as above, when field count shows 100 egg masses per 100 plants.

D-264 14G, Granular Insecticide 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.

Cutworms: 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.

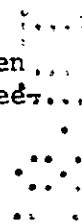
Garden Symphylans (Centipedes): Broadcast 70 lbs. per acre just prior to planting and work into soil 4 - 8 inches. This preplant treatment will also control other soil insects such as cutworms (surface and subterranean) and wireworms.

Wireworms: Broadcast 21 - 28 lbs. per acre before planting. Work into soil 4 - 6 inches.

Peanuts

Southern Corn Rootworms: Broadcast 28 lbs. per acre or 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 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 inch 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 - 10½ 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: D-264 14G, Granular Insecticide 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 10½ - 17½ 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 peices.

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 10½ 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, and 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 10½ - 14 lbs. per acre (2½ - 2 4/5 oz. per 1,000 linear feet of 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.

Other Vegetable Insects

Cutworms (Surface and Subterranean)

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

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 D-264 14G Granular Insecticide 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.

Small Fruit Insects

Strawberries

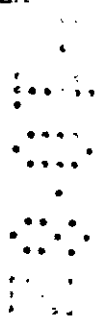
Mole Crickets: Apply 7 lbs. per acre when insects are present. Make application to plant beds or fields 1 - 2 days prior to transplanting and work into soil 1 - 2 inches.

Lawn Insects

Lawn Chinch Bugs: Apply 1/2 - 1 lbs. per 1,000 sq. ft. (2 1/2 - 5 lbs. per 5,000 sq. ft) and brush lawn to work granules down to the soil surface. 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).

Billbugs; White Grubs such as Japanese Beetle Larva, 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 lbs. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.



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STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or disposal of in a sanitary landfill, or by incineration if allowed by state and local authorities.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Drexel warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Drexel makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.



Drexel Chemical Company

P.O. BOX 8006 MEMPHIS TENN 38106