

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: ☐ REGISTRATION ☐ REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. Reg. 34874-22 PM-15 p.1/6 DATE OF ISSUANCE SEP 16 1986 TERM OF ISSUANCE NAME OF PESTICIDE PRODUCT Lactone 140
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) [] [] [] []	
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 registered under the Act and it accords with the Act and the Act (3(c)(1)(A)) provided that you: 1. Submit/only all data required to registration/reregistration of your product under the Act, section 3(c)(1) when the Agency requires all registrants of similar products to submit such data. 2. Take the following steps: (a) Delete the following: (i) the "Precautionary Statements" section which includes the "Hazard to the environment" and "Storage and disposal" sections, and subsequent wording should provide the direction to the section. 3. Delete the large printed subheading "Container disposal." This subheading should provide the appropriate wording and should be printed on the same line, i.e., Container disposal: Completely empty bag into application	
☐ ATTACHMENT IS APPLICABLE	
SIGNATURE OF APPROVING OFFICIAL [Signature]	DATE 9/16/86

In addition the word "Pesticide" should be added in front of the word "Disposal" to form the subheading "Pesticide Disposal" followed by its appropriate wording.

3. The following comments pertain to product chemistry.

- a. You must provide us with the analytical method, reference with an Accession Number or refer to the exact method from the AOAC manual.
- b. You must submit data from a 1-year storage stability study. If you have such information please submit. If not, you are allowed 15 months from the date of this conditional registration in which to provide the Agency with such data.

4. Submit five (5) 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.

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

Enclosures

p. 3/6

diazinon 14G

CROP-LAND INSECTICIDE

Granular Insecticide

For Commercial/Agricultural Use Only

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

Active Ingredient:
Diazinon: O,O-diethyl O-
(2-isopropyl-6-methyl-
4-pyrimidinyl) phos-
phorothioate ... 14.3%

Inert
Ingredients: 85.7%
Total: 100.0%

diazinon 14G is
a granular insecticide

Keep Out of Reach of
Children.

Caution

See additional caution
statements on back
of bag.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed - Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled - Remove victim to fresh air. Apply respiration if indicated.

If on skin - Wash contaminated skin with soap and water.

If in eyes - Flush eyes with plenty of water. Get medical attention immediately.

Note To Physician: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

EPA Reg. No.

50 Pounds
Net Weight

Manufactured by:



RT. 12, BOX 12020
TYLER, TEXAS 75708

Garden Symphlyins (Centipedes) Broadcast 70 lbs. per acre just prior to planting and work into soil 4-6 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 14-21 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 12-inch band over the fruiting zone or in a crop emergence cover band 1-2 inches deep in soil.

Note: Do not apply directly to the seed. If narrow-rowed, plant in a 6-inch band and then make a final cover.

Soybeans

Cutworms: Broadcast 14-21 lbs. per acre just prior to planting. Work into soil 1-3 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: Direct contact of flies should not cause direct contact with the seed or injury will occur.

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

Sugarcane

Sugarcane Borers: Broadcast 10½-17 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 14 lbs. per acre in a 12-inch band over the open area, 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 furrows 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 (2½-2½ 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
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 1-1 1/2 inch tall.

Wireworms

Broccoli	Endive (escarole)	Pole Beans
Brussels Sprouts	Kale	Snap Beans
Cabbage	Lettuce	Spinach
Cantaloupes	Lima Beans	Summer Squash

Sweet Potatoes (Southeastern U.S.): Broadcast 2 1/2 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.) 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.

Hypoderes 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.

PRECAUTIONARY STATEMENT

HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid contamination of food and feed. Do not store near food or feed products. Avoid inhalation of dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. May be absorbed through skin.

ENVIRONMENTAL HAZARD

This product is toxic to fish, shrimp, crabs, birds and other wildlife. Do not apply directly to water.

IMFIDS

PRECAUTIONARY STATEMENT
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Lesser Cornstalk Borers

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

Y:reworms

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 4-6 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-z'n diazinon 1-4G in bands 3-6 inches deep along both sides of row.

STORAGE AND DISPOSAL

STORAGE AND DISPOSAL
STORAGE: Do not store near food or feed and away from children and pets. Do not store where product may be exposed to extremely high temperatures. Do not store outdoors. If spilled, sweep up and wash thoroughly. Store in original container and place in locked container when not in use.

CAUTION: Do not contaminate water. Do not let this or other products. Wastes resulting from the use of this product may be disposed of on land or in water, as a non-hazardous waste, according to applicable regulations.

CONTAINER DISPOSAL

Empty bags, empty bag into appropriate container and then dispose of empty bag in a sanitary landfill or incinerate, or if allowed by state and local health department, burned, etc. and destroyed.