

SEP 11 1991

Mr. Tom Kohmetscher  
Cornbeil Chemical Company  
P.O. Box 410  
McCook, NE 69001

Subject: Amendment - Revise per Diazinon Registration Standard  
Diazinon 14G Granular Insecticide  
EPA Reg. No. 10107-20  
Your submission dated September 4, 1991

Dear Mr. Kohmetscher:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided the following revisions are made prior to release for shipment under the amended labeling (please note that the label that is stamped is that which was submitted September 4, 1991 and which superseded the draft labeling for this product received by the Agency on May 31, 1990):

- 1) In the ingredients statement, add the common name "Diazinon" before the formula name. You may choose to enclose the formula name in brackets to separate it from the common name. Please do not include the quotation marks that appear around specified added or revised text in the Agency's letters.
- 2) To reflect the results of the Agency's review of the product specific acute toxicology data submitted by Ciba-Geigy in support of reregistration of their 14% diazinon granular product, and upon which you are relying for support of your product, in the Statement of Practical Treatment, add "Get medical attention." to the end of the "If on skin" advice.
- 3) In the Environmental Hazards, revise "Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes)." to read "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the median high water mark."

- 4) In the beginning of the Directions for Use, above the heading "Vegetable Crops", add "For application by ground equipment only. Do not apply to food crops grown in greenhouses.", preferably as separate paragraph under the paragraph that ends "... for greatest effectiveness."
- 5) Please note that Ciba-Geigy is not supporting reregistration of granular diazinon applied in-furrow (except for sugarcane, Florida only), or applications that are not incorporated (including band treatment above seeds and post-emergence applications). Accordingly, delete the directions for use to control lesser cornstalk borers on beans (non-incorporated post-emergence band application).
- 6) For the crop "Cauliflower", the last "Pest" listed should be "Mole Crickets", rather than "Root Maggots" (the correct directions for mole crickets already appear there and the directions for "Root Maggots" are the first listed).
- 7) After the crop "Celery", the next "Crop" name should be "Collards", rather than "Cauliflower". Also, for "Collards" the last "Pest" listed should be "Mole Crickets" rather than "Root Maggots" (root maggot control does not appear for this crop on Ciba-Geigy's label). The "Rate" and "Timing/Special Directions" for mole crickets should remain unchanged.
- 8) For the crop "Ginseng", add the following "Note" at the bottom of the directions for use on this crop (i.e., placed similar to the location of the Note for the crop "Potatoes"):  
  
NOTE: Do not apply more than once per growing season.  
Do not apply within 12 months of harvest.
- 9) In the "Crop" entry for "Melons", add a closing parenthesis mark after "Hybrids of these". "Hybrids" refers to hybrids of the various types of melons listed, not hybrids of melons and watermelons.
- 10) For the crop "Onions", delete "by disking, harrowing, or other suitable means", since this same information appears in the general directions for all crops that appears in the third paragraph under the heading "Directions For Use".
- 11) For the crop "Kale", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre", revise the "Rate" for "Wireworms" to "21-28 lbs. per acre", and revise the "Rate" for "Mole Crickets" to 7 lbs. per acre".

- 12) For the crop "Lettuce", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre", revise the "Rate" for "Wireworms" to "21-28 lbs. per acre", and revise the "Rate" for "Mole Crickets" to 7 lbs. per acre".
- 13) For the crop "Melons", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre".
- 14) For the crop "Mustard", revise the "Rate" for "Mole Crickets" to 7 lbs. per acre".
- 15) For the crop "Onions", revise the "Rate" for "Onion Maggots" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre".
- 16) For the crop "Parsley", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre".
- 17) For the crop "Peas", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre".
- 18) For the crop "Peppers", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre". The correct rate appears for "Mole Crickets".
- 19) For the crop "Radishes", delete the directions for use to control root maggots. As noted in item "5" above, in-furrow (or "burrow") application is not supported for reregistration.
- 20) For the crop "Sweet Potatoes", revise the "Rate" to "21 lbs. per acre". Also, delete the special "Timing/Special Directions" for use in the Southeastern U.S., since this calls for a post-emergence non-incorporated application (see item "5", above).
- 22) For the crop "Swiss Chard", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre".
- 23) For the crop "Tomatoes", revise the "Rate" for "Cutworms" to "14-28 lbs. per acre", revise the "Rate" for "Wireworms" to "21-28 lbs. per acre", and revise the "Rate" for "Mole Crickets" to 7 lbs. per acre".

- 24) For the crop "Turnips", revise the "Rate" for "Mole Crickets" to 7 lbs. per acre" and revise the "Rate" for "Wireworms" to "21-28 lbs. per acre",
- 25) Revise the "Timing/Special Directions" for control of "Sugar Beet Root Maggots" to read (in its entirety - do not include the information about a second, post-emergence application) as follows: "Apply in a 5-7 inch band (based on 22" row spacing) incorporated 2-3 inches at planting."

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised amended label prior to release for shipment under the amended label. Labeling released for shipment after the August 31, 1992 deadline imposed by the Diazinon Registration Standard, as amended, must be the revised amended label.

Sincerely yours,

George LaRocca  
Product Manager (13)  
Insecticide/Rodenticide Branch  
Registration Division (H7505C)

**BEST AVAILABLE COPY**

# **DIAZINON® 14-G**

## **Granular Insecticide**

**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.

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

**ACTIVE INGREDIENT:**  
O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate ..... 14.3 %

**INERT INGREDIENTS:** ..... 85.7 %

**TOTAL** ..... 100.0 %

Diazinon 14G is a granular insecticide.

**KEEP OUT OF REACH OF CHILDREN**

# **CAUTION**

**Hazards to Humans and Domestic Animals**  
Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with eyes, skin or clothing. Wash thoroughly after handling and before eating or smoking. Do not store near food or feed products. Do not contaminate ornamental fish ponds.

**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.  
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.

**Environmental Hazards**  
This product 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 on soil surface in turn area. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and 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.

**Storage and Disposal**  
Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry, well-ventilated area away from food or feed.  
**Pesticide**: Pesticide or equipment rinsate that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container**: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate, or burn if allowed by state and local authorities. Stay out of smoke during burning. Do not reuse container.

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 CHEMTREC 1-800-424-9300 day or night.

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EPA Reg. No. 10107-20

EPA Est. No. 10107-NB-1

SEE ADDITIONAL DIRECTIONS ON BACK PANEL

NET WEIGHT: 25 POUNDS

Manufactured for:

**Cornbelt Chemical Company**

P.O. Box 410

McCook, Nebraska 68001

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

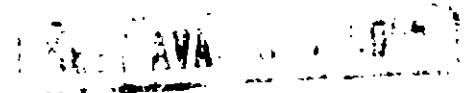
SEP 11 1991

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as

# DIAZINON® 14-G

## Granular Insecticide

### DIRECTIONS FOR USING DIAZINON 14-G



**DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**  
**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

**Conditions of Sale and Warranty**  
 The Directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However it is impossible to eliminate all risks inherently associated with 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 CORNBELT, or the Seller. All such risks shall be assumed by the Buyer.

CORNBELT 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 subject to the inherent risks referred to above. CORNBELT makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CORNBELT or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CORNBELT and the Seller offer this product, and the Buyer and use 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 CORNBELT.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **FAILURE TO FOLLOW ALL 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, narrow, or other suitable means for greatest effectiveness.

**Vegetable Crops**

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

**Note:** Soil incorporation - Unless directions under "Timing/Special Directions" state otherwise, for control of pests listed below Diazinon 14G should be incorporated into the soil during or immediately after application.

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 mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
	Lesser Cornstalk borers	7-14 lbs. per acre	Apply in a 6-inch band centered over the row when plants are 1/2-1 inch tall. Do not incorporate into soil.
Beets, Red (Table)	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
	Mole Crickets	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
Broccoli	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
	Mole Crickets	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
Brussels Sprouts	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
	Mole Crickets	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
Cabbage	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	

**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 14G, 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.

**PERSONAL PROTECTIVE EQUIPMENT**

Long-sleeved shirt, long-legged pants, shoes and socks, and chemical-resistant gloves.

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.

**RE-ENTRY STATEMENT**

Twenty-four hours must elapse between the time of application and the time a worker enters or is allowed to enter the treated area unless the person entering the treated area is wearing the personal protective equipment listed above.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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 which inform workers of areas or fields that may not be entered without specific personal protective equipment for 24 hours after application and appropriate actions to take as described under Precautionary Statements at the end of this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. Area treated with Diazinon 14G on (date of application). Do not enter without appropriate personal protective equipment for 24 hours after application. In case of accidental exposure, flush eyes or skin with plenty of water. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse."

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Cucumber	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
Eradic (Escarole)	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
	Mole Crickets	7 lbs. per acre	Broadcast and mix into soil 1-2 days 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 4-6 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	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Lettuce	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Cricket	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Mature Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Parsnips, & Kohlrabi of same size	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	

CROP	PEST	RATE	TIMING/SPECIAL DIRECTIONS
Potatoes	Cutworms (Surface & Subterranean)	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
<b>NOTE: Do not use on commercially-grown potatoes which will be hand-harvested.</b>			
Rutabagas	Root Maggots	10 1/2-14 lbs. per acre	Apply in the seed furrow at planting (2 1/2-1 1/2 oz. per 1,000 linear ft. of row)
	Mole Crickets	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
Spinach	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
Squash, Summer and Winter	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
Sweet Corn	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-28 lbs. per acre	
Sweet Corn Maggots	Cutworms	14-28 lbs. per acre	Broadcast just before planting and mix into the soil 2 inches.
	Wireworms	21-28 lbs. per acre	
Sweet Potatoes	Wireworms	10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting. Southeastern U.S.
	Fire Beetles		Broadcast 10 1/2 oz. per 500 sq. ft. over the top of vines when roots begin to emerge, but do not mix into soil.
Sweet Chard	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Turkey	Mole Crickets	3 1/2 oz. per	Broadcast and mix into soil

GROUP	FEED	PER ACRE	INSTRUCTIONS
Beans (Pole, Snap or Lima) (account varieties only)	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-35 lbs. per acre	
	Lesser Cornstalk weevils	7-14 lbs. per acre	
Beans, Red (Table)	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-35 lbs. per acre	
	Male Cichids	7 lbs. per acre	
Broccoli	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Cauliflower	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Cabbage	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Cauliflower	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Cauliflower	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Cauliflower	Root Maggots	14-21 lbs. per acre	Broadcast and mix into soil just before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	

GROUP	FEED	PER ACRE	INSTRUCTIONS
Ginseng	Male Cichids	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
	Cutworms, Climbing cutworms, Wireworms, White grubs	14-28 lbs. per acre	
	Wireworms	21 lbs. per acre	
Kale	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichids	3 1/2 oz. per 500 sq. ft.	
Lettuce	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichid	3 1/2 oz. per 500 sq. ft.	
Melons (Cantaloupe, Casaba, Creamhorn, Honeydew, Muskmelon, Persian, & Hybrids of these and Watermelon)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichids	3 1/2 oz. per 500 sq. ft.	
Onions (green and bulb)	Male Cichids	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Onion Maggots	7-14 oz. per 500 sq. ft.	
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
Parsley	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichids	3 1/2 oz. per 500 sq. ft.	
Peas (account varieties only)	Cutworms	7-14 oz. per acre	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per acre	
	Male Cichids	7 lbs. per acre	
Peppers	Cutworms	7-14 oz. per acre	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per acre	
	Male Cichids	7 lbs. per acre	

GROUP	FEED	PER ACRE	INSTRUCTIONS
Spinach	Male Cichids	7 lbs. per acre	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 lbs. per acre	
	Wireworms	21-35 lbs. per acre	
Squash, Summer and Winter	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-35 lbs. per acre	
	Male Cichids	7 lbs. per acre	
Sweet Corn	Cutworms	14-28 lbs. per acre	Broadcast and mix into soil just before planting.
	Wireworms	21-35 lbs. per acre	
	Seed Corn Maggots	14-28 lbs. per acre	
Sweet Potatoes	Wireworms	10 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting. Southwestern U.S. - Broadcast 10 1/2 oz. per 500 sq. ft. over the tops of vines when roots begin to emerge, but do not mix into soil.
	Flax Beetles	10 1/2 oz. per 500 sq. ft.	
	Male Cichid	3 1/2 oz. per 500 sq. ft.	
Swiss Chard	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichid	3 1/2 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichids	3 1/2 oz. per 500 sq. ft.	
Turnips	Male Cichids	3 1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10 1/2-14 oz. per 500 sq. ft.	
	Male Cichid	3 1/2 oz. per 500 sq. ft.	

**FIELD CROPS**

Directions 143 should be applied uniformly as directed below each row. Observe stated time intervals between applications and maintain 1/2 inch of applications per season.

Sugar Beets	Sugar Beet Root Maggots	7-14 lbs. per acre or 4.7-9.4 oz. per 500 sq. ft. of row	Apply in a 2-3 inch band (based on 2" row spacing) of the topsoil 2-3 inches at planting or prior to row thinning. Do not mix into soil.
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If a heavy sugar beet infestation is anticipated or a wet Spring occurs, a second application may be made early post-emergence, when root maggots are abundant.

If a second application is necessary, apply 7-10 lbs. per acre in a 5-7 inch band based on row width of 22 inches or 4.7-7.1 oz. per 500 linear feet of row in a 5-7 inch band directly over the row.

Do not allow blanket 143 to contact the seed or baby soil cover.

Wireworms	21-35 lbs. per acre	Broadcast and mix into soil 4-6 inches just before planting.
NOTE: Do not apply more than 28 lbs. of Dieldrin 143 per acre to the soil per season.		
Supercure (F. only)	Wireworms	8 lbs. per acre
At planting, apply in a 12-inch band over the row level.		