

Reg # 8378-32

PM-13

176

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS 767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

FEB 20 1992

TERMS ~~8378-32~~

NOTICE OF PESTICIDE: REGISTRATION
 REREГИSTRATION

NAME OF PESTICIDE: 5% Diazinon Insect Granules

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

5% Diazinon Insect Granules

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Knox Fertilizer Company, Inc.
P.O. Box 248
Knox, IN 46534

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 FIFRA sec 3(c)(7)(A) provided that you:

1. Submit/cite 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes before you release the product for shipment:
 - a. Add the phrase, "EPA Registration No. 8378-32".
 - b. Revise the front panel use-site limitation to read "For Use on Home Lawns & Gardens and Around the Outside of Homes Only" [Note: The quotation marks appearing around text revisions specified in this Notice should not appear on your revised labeling.]

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

c. Based upon the results of the Agency's review of the product specific toxicology data submitted by Ciba-Geigy to support reregistration of 5% diazinon granular end-use products, the following revisions must be made to the text of the Statement of Practical Treatment and the Hazards to Humans and Domestic Animals:

i. Revise the "If on skin" advice in the "Statement of Practical Treatment" to read as follows:

IF ON SKIN: Wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention.

ii. Revise the Hazards to Humans and Domestic Animals section to read as follows:

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

d. In the Environmental Hazards, add "For lawns," to the beginning of the seventh sentence, i.e., it should read "For lawns, where irrigation (watering) is recommended ...". Also in this same section, revise the sentence "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."

e. In the listing of lawn pests under the heading "KILLS LAWN INSECTS", delete "Onion Maggots" and "Root Maggots" since these are not lawn pests.

f. In the directions for control of fire ants, revise the beginning of the first sentence to read "To aid in the control of fire ants in home lawns and other outdoor home recreation areas,".

- g. Replace the proposed directions under the heading "BAND & BARRIER TREATMENTS AROUND THE HOME FOUNDATION" with the following:

The following insects are commonly found around or near the foundation of houses, as well as in the lawn: Ants, Brown Dog Ticks, Clover mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs (Pillbugs), & Springtails (Collembola). For control of the above insects, apply a 5 foot wide band of this product next to the foundation of the house. Distribute the granules uniformly using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. Repeat as necessary.

- h. Since all the use directions call for immediate soil incorporation of the granules, in the paragraph appearing under the heading "VEGETABLES INSECT CONTROL", replace "Unless directions under "Timing and Special Directions" state otherwise for insect control, the granules should be thoroughly mixed into the soil during or immediately after application." with "Do not apply to food crops grown in greenhouses. The granules should be immediately mixed thoroughly into the soil to the depth specified in the following table." .

- i. The heading "INSECTS DEPTH IN INCHES TO MIX GRANULES INTO SOIL" should be reduced in type size so that there can be more separation of the two column headings. Also, under this heading add the following:

Seed Corn Maggots - 2 "

- j. In the directions for insect control on specific vegetables, delete the directions for control of cutworms and wireworms on beans, since the standard directions for cutworms and wireworms (appearing above the crop names) will be adequate for this crop. The entry for this crop will then read:

BEANS (Pole, Snap, or Limas; succulent only): Do not use on dried bean varieties such as pintos, dried limas, navy beans, etc. (Cutworms, Wireworms)

- k. In the "Crop" entry for "Melons", add a comma after "Hybrids of these" since "Hybrids" refers to hybrids of the various types of melons listed, not hybrids of melons and watermelons.

1. For the crop "Onions", in the "Special Instructions for Onions & Sweet Potatoes" delete "by disking, harrowing, or other suitable means", since these refer to farm equipment techniques for agricultural-use labeling.
- m. In the "Special Instructions" for the crop "Sweet Potatoes", delete the directions for use in the Southeastern U.S., since this calls for a post-emergence non-incorporated granular application to a food crop, which is not being supported for reregistration.
3. Submit five copies of your final printed labeling bearing the above revisions before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.
4. Submit the results of a one-year storage stability study on your particular formulation within 15 months of the date of this Notice. The product should be stored in the packaging as marketed, under typical storage temperature and humidity conditions.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

For Use in Lawns & Gardens and Around the Outside of Homes

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS

READY TO USE GRANULES FOR CRAWLING INSECT CONTROL

AIDS IN THE CONTROL OF FIRE ANTS
1 Pounds Treats From 500 to 2285 Sq.Ft.

ACTIVE INGREDIENT:

DIAZINON: [O,O-DiethylO-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] -- 5.0%
INERT INGREDIENTS: ----- 95.0%
Total 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado simplemente

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: Call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of 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: Remove contaminated clothing and wash affected area with soap and water. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. 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.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA Reg. No. 8378- EPA Est No.8378-IN-1

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. Wash thoroughly after handling and before eating or smoking. May cause skin sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Where "watering in" is required, do not allow children or pets on those treated areas until granules are watered into the soil and grass or soil is dry. Do not use on pets, animals or livestock.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds and fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain water fowl, do not apply in Nassau County, NY between Nov. 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping granules. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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 wash waters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Securely wrap container in several layers of newspaper and discard in trash. CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash. For minor spills, leaks, etc. follow all precautions indicated on this label and clean

KILLS LAWN INSECTS

Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Fire Ants*, Fleas, Onion Maggots, Root Maggots, Sod Webworm (Lawn Moth), Leafhoppers, Millipedes, Sowbugs, Springtails, White Grubs of European Chafer, Japanese Beetles, and Southern Chafers. *AIDS IN THE CONTROL OF FIRE ANTS.

KILLS GARDEN INSECTS

Cutworms, Mole Crickets, Onion Maggots, Root Maggots, Wireworms.

OVERALL LAWN APPLICATION

FOR SURFACE INSECTS

Use 2 lbs. granules per 1,000 sq.ft. for control of the following insects on both grass and diondra lawns: ANTS, ARMYWORMS, BERMUDAGRASS MITES, BROWN DOG TICKS, CHIGGERS, CHINCH BUGS, CLOVER MITES, CRICKETS, CUTWORMS, EARWIGS, FLEAS (in the Lawn; do not use on pets), LAWN MOTHS (Sod Webworms), LEAFHOPPERS, MILLIPEDES, SOWBUGS, SPRINGTAILS (COLLEMBOLA)

IMPORTANT - APPLICATION PRECAUTIONS

Refer to Environmental Hazards paragraph on this label for information concerning the protection of waterfowl that might enter and feed on diazinon treated lawn areas. Apply with a Lawn Spreader when grass is dry. See spreader settings chart below. Repeat as directed. For application with other types of equipment, apply at the same rate of 2 lbs. per 1,000 sq.ft. or 3.2 oz. per 100 sq.ft. = (an area 10 ft. x 10 ft.)

FOR SOIL INSECTS

BILLBUGS, WHITE GRUBS OF JAPANESE BEETLES, EUROPEAN CHAFER, SOUTHERN CHAFER, ATAENIUS SPRETULUS (Dung Beetle). Apply 2 lbs. per 1,000 sq.ft. of lawn. Water grass thoroughly after application. For Billbug control, apply in spring or early summer when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except Dung Beetles, treat any time between late July and early October. For Dung Beetle grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with 1/4 to 1/2 inch of water after application. Treat again in late summer or early fall if a second generation occurs.

HYPERODES WEEVILS: Apply 2 lbs. per 1,000 sq.ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in Mid-May.

LAWN SPREADER SETTINGS

Spreader Make/Model to apply 2 lbs./1,000 sq.ft.	Setting
Central Imperial #1662-G	6 1/2
Central Suburbia #1622-O	6 1/1
Cyclone #B1	4 1/2
Greenfield #105	6 1/2
Ortho #3000	4 1/2
Ortho #4000	4 1/2
J. C. Penney #6005	7 1/4
J. C. Penney #Rotary	5
Scott #PF-4	4
Sears Craftsman #671.19190	6

NOTE: Broadcast spreaders such as the Cyclone are dependent on rate of walking and turning speed of the broadcast unit. Carefully calculate the area to be treated and make certain the proper number of pounds is applied to the area. *Settings are calculated for spreaders in new condition. Spreaders will vary and must be checked for accuracy.

SPOT TREATMENTS FOR FIRE ANTS & WASPS

ANTS: Apply 1 1/2 tsp. of granules over and around each ant hill.

FIRE ANTS: To aid in the control of the fire ants in lawns and other recreational areas, apply 1/2 cup of this product over, and 2 feet around each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Repeat as necessary. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration thus reducing product effectiveness. NOTE: For best results apply in cool weather, 65° to 80° F or in early morning or late evening hours. Treat new mounds as they appear.

BAND & BARRIER TREATMENTS AROUND THE HOME FOUNDATION

For Surface Insects: Ants, Armyworms (Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Cutworms, Crickets, Earwigs, Flery Skipper, Grasshoppers, Leafhoppers, Millipedes, Clover Mites, Sowbugs, Springtails, use 1 lb. per 1,000 sq.ft. or 44 lbs. per acre. Treat when insects first appear in damaging numbers and sprinkle lightly to wash granules off grass blades to soil surface. Observe delayed watering for Sod Webworms.

VEGETABLES INSECT CONTROL

This product controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations. Unless directions under "Timing and Special Directions" state otherwise for insect control, the granules should be thoroughly mixed into the soil during or immediately after application.

INSECT DEPTH TO MIX GRANULES INTO SOIL

Surface Cutworms	2-3 inches
Subterranean Cutworms	3-6 "
Cutworms (Unidentified)	4-6 "
Mole Crickets	1-2 "
Root Maggots	3-4 "
Wireworms	4-8 "

TIMING & SPECIAL DIRECTIONS HOW MUCH TO USE WHEN & HOW TO APPLY

For **ROOT MAGGOTS** on crops as listed below, broadcast and mix 7 to 10 1/2 oz./500 sq.ft. into soil just before planting or transplanting.
For **CUTWORMS** and **SEED CORN MAGGOTS** on crops listed below, broadcast and mix 7 to 14 oz./500 sq.ft. into soil just before planting.
For **MOLE CRICKETS** on crops as listed below, broadcast and mix 3 1/2 oz./500 sq.ft. into soil 1-2 days before planting.
For **WIREWORMS** on crops as listed below, broadcast and mix 10 1/2 to 14 oz./500 sq.ft. into soil just before planting.

USE THE ABOVE RATES FOR CONTROL OF THE FOLLOWING LISTED INSECTS AS THEY MAY ATTACK THE FOLLOWING PLANTS

BEANS (Pole, Snap, or Lima, succulent only): Do not use on dried bean varieties, such as pintos, dried lima, navy beans, etc. For Cutworm broadcast and mix 7 to 14 oz./500 sq.ft. into soil just before planting. For Wireworm broadcast and mix 10 1/2 to 14 oz./500 sq.ft. into soil just before planting.	
BEEETS Red/Tab (Cutworms, Mole Crickets, Wireworms)	
BROCCOLI (Root Maggots, Cutworms, Mole Crickets, Wireworms)	
BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER (Root Maggots, Cutworms, Mole Crickets, Wireworms)	
CARROTS (Cutworms, Mole Crickets, Wireworms)	
CELERY (Cutworms, Wireworms)	
COLLARDS (Cutworms, Mole Crickets, Wireworms)	
CUCUMBER (Cutworms, Wireworms)	
ENDIVE, Escarole (Cutworms, Mole Crickets, Wireworms)	
KALE (Cutworms, Mole Crickets, Wireworms)	
LETTUCE (Cutworms, Mole Crickets, Wireworms)	
MELONS including Cantaloupes, Casabla, Chapeaux, Honeydew, Muskmelons, Persians, & Hybrids of these and V's ermelons. (Cutworms, Wireworms)	
MUSTARD (Mole Crickets)	
ONIONS Green & White; *See Special instructions below	
PARSLEY (Cutworms, Wireworms)	
PEAS succulent only, do not use on dried pea varieties such as dried blackeye peas (Cutworms, Wireworms)	
PEPPERS (Cutworms, Mole Crickets, Wireworms)	
POTATOES (Cutworms; surface & subterranean; Wireworms)	
Do not use on "Hand Harvested" commercially grown potatoes.	
RADISHES (Mole Crickets)	
SPINACH (Cutworms, Wireworms)	
SQUASH including Summer and Winter, (Cutworms, Wireworms)	
SWEET CORN (Cutworms, Seed Corn Maggots, Wireworms)	
SWEET POTATOES (Wireworms, Flea Beetles)	
*See Special instructions below	
SWISS CHARD (Cutworms, Wireworms)	
TOMATOES (Cutworms, Mole Crickets, Wireworms)	
TURNIPS (Mole Crickets, Wireworms)	

*Special instructions for Onions & Sweet Potatoes ONIONS green and bulb (Onion Maggots): Apply 7 to 14 oz./500 sq.ft. Broadcast just before planting and mix into top 3 to 4 inches of soil by disking, harrowing or other suitable means. Diazinon may not control organophosphate resistant onion mag

BEST AVAILABLE COPY

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: Remove contaminated clothing and wash affected area with soap and water. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. **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.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA Reg. No. 8378- EPA Est No. 8378-IN-1

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. Wash thoroughly after handling and before eating or smoking. May cause skin sensitization following repeated contact with skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Where "watering in" is required, do not allow children or pets on those treated areas until granules are watered into the soil and grass or soil is dry. Do not use on pets, animals or livestock.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds and fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain water fowl, do not apply in Nassau County, NY between Nov. 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping granules. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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 wash waters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Securely wrap container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse empty bag. Discard bag in trash. 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 1-800-888-8372 day or night.

NOTICE: Buyer and user assume all risk and liability of use, storage and handling of this product not in accordance with the terms of this label. (06 01-1)

LAWNS (Sod Hoppers, LEAFHOPPERS, MLLIPEDES, SOUVBUGS, SPINIGTALS, COLLEMBOLA) IMPORTANT - APPLICATION PRECAUTIONS

Refer to Environmental Hazards paragraph on this label for information concerning the protection of waterfowl that might enter and feed on diazinon treated lawn areas. Apply with a Lawn Spreader when grass is dry. See spreader settings chart below. Repeat as directed. For application with other types of equipment, apply at the same rate of 2 lbs. per 1,000 sq. ft. or 3.2 oz. per 100 sq. ft. - (an area 10 ft. x 10 ft.)

FOR SOIL INSECTS

BILLBUGS, WHITE GRUBS OF JAPANESE BEETLES, EUROPEAN CHAFER, SOUTHERN CHAFER, ATAENIUS SPRETULUS (Dung Beetle). Apply 2 lbs. per 1,000 sq. ft. of lawn. Water grass thoroughly after application. For Billbug control, apply in spring or early summer when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except Dung Beetles, treat any time between late July and early October. For Dung Beetle grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with 1/4 to 1/2 inch of water after application. Treat again in late summer or early fall if a second generation occurs.

HYPERODES WEEVILS: Apply 2 lbs. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in Mid-May.

LAWN SPREADER SETTINGS

Spreader Make/Model to apply 2 lbs./1,000 sq. ft.	Setting
Central Imperial #1652-G	6 1/2
Central Suburbia #1622-O	6 1/1
Cyclone #B1	4 1/2
Greenfield #105	6 1/2
Ortho #3000	4 1/2
Ortho #4000	4 1/2
J. C. Penney #6005	7 1/4
J. C. Penney #Rotary	5
Scott #PF-4	4
Sears Craftsman #671.19198	6

NOTE: Broadcast spreaders such as the Cyclone are dependent on rate of walking and turning speed of the broadcast unit. Carefully calculate the area to be treated and make certain the proper number of pounds is applied to the area. *Settings are calculated for spreaders in new condition. Spreaders will vary and must be checked for accuracy.

SPOT TREATMENTS FOR FIRE ANTS & WASPS

ANTS: Apply 1 1/2 tsp. of granules over and around each ant hill.

FIRE ANTS: To aid in the control of the fire ants in lawns and other recreational areas, apply 1/2 cup of this product over, and 2 feet around each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Repeat as necessary. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration thus reducing product effectiveness. **NOTE:** For best results apply in cool weather, 65° to 80° F or in early morning or late evening hours. Treat new mounds as they appear. Kills Fire Ants within 24 hours; no waiting for days or weeks to get results.

DIGGER WASPS: Apply 1 1/2 teaspoons in and around each nest opening. Apply at dusk when wasps are not active.

granules should be thoroughly mixed into the soil during or immediately after application.

INSECT DEPTH TO MIX GRANULES INTO SOIL	
Surface Cutworms	2-3 inches
Subterranean Cutworms	3-6 "
Cutworms (Unidentified)	4-6 "
Mole Crickets	1-2 "
Root Maggots	3-4 "
Wireworms	4-8 "

TIMING & SPECIAL DIRECTIONS HOW MUCH TO USE WHEN & HOW TO APPLY

For **ROOT MAGGOTS** on crops as listed below, broadcast and mix 7 to 10 1/2 oz./500 sq. ft. into soil just before planting or transplanting.

For **CUTWORMS** and **SEED CORN MAGGOTS** on crops listed below, broadcast and mix 7 to 14 oz./500 sq. ft. into soil just before planting.

For **MOLE CRICKETS** on crops as listed below broadcast and mix 3 1/2 oz./500 sq. ft. into soil 1-2 days before planting.

For **WIREWORMS** on crops as listed below, broadcast and mix 10 1/2 to 14 oz./500 sq. ft. into soil just before planting.

USE THE ABOVE RATES FOR CONTROL OF THE FOLLOWING LISTED INSECTS AS THEY MAY ATTACK THE FOLLOWING PLANTS

BEANS (Pole, Snap, or Lima, succulent only): Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc. For Cutworms broadcast and mix 7 to 14 oz./500 sq. ft. into soil just before planting. For Wireworms broadcast and mix 10 1/2 to 14 oz./500 sq. ft. into soil just before planting.

BEETS Red/Tab (Cutworms, Mole Crickets, Wireworms)
BROCCOLI (Root Maggots, Cutworms, Mole Crickets, Wireworms)
BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER (Root Maggots, Cutworms, Mole Crickets, Wireworms)

CARROTS (Cutworms, Mole Crickets, Wireworms)

CELERY (Cutworms, Wireworms)

COLLARDS (Cutworms, Mole Crickets, Wireworms)

CUCUMBER (Cutworms, Wireworms)

ENDIVE, Escarole (Cutworms, Mole Crickets, Wireworms)

KALE (Cutworms, Mole Crickets, Wireworms)

LETTUCE (Cutworms, Mole Crickets, Wireworms)

MELONS including Cantaloupes, Casabah, Crenshaws, Honeycrisp, Muskmelons, Persians, & Hybrids of these and V's melons. (Cutworms, Wireworms)

MUSTARD (Mole Crickets)

ONIONS Green & Bulb; *See Special Instructions below (Cutworms, Wireworms)

PARSLEY (Cutworms, Wireworms)

PEAS succulent only, do not use on dried pea varieties such as dried blackeyed peas (Cutworms, Wireworms)

(Cutworms, Mole Crickets, Wireworms)

PEPPERS (Cutworms; surface & subterranean, Wireworms)

POTATOES Do not use on "Hand Harvested" commercially grown potatoes (Mole Crickets)

RADISHES (Mole Crickets)

SPINACH (Cutworms, Wireworms)

SQUASH including Summer and Winter (Cutworms, Wireworms)

SWEET CORN (Cutworms, Seed Corn Maggot, Wireworms)

SWEET POTATOES (Wireworms, Flea Beetles)

*See Special Instructions below.

SWISS CHARD (Cutworms, Wireworms)

TOMATOES (Cutworms, Mole Crickets, Wireworms)

TURNIPS (Mole Crickets, Wireworms)

*Special Instructions for Onions & Sweet Potatoes
ONIONS green and bulb (Onion Maggots): Apply 7 to 14 oz./500 sq. ft. Broadcast just before planting and mix into top 3 to 4 inches of soil by disking, harrowing or other suitable means. Diazinon may not control organophosphate resistant onion maggots. **SWEET POTATOES:** For Wireworms and Flea Beetles use 10 1/2 oz./500 sq. ft. broadcast and mixed into soil just before planting. For Southeastern U.S. broadcast same amount over tops of vines when roots begin to enlarge. DO NOT mix into soil.

NET WEIGHT (1; 10; 20) POUNDS

Knox Fertilizer Company, Inc.

P.O. Box 248 - Knox, IN 46534

ACCEPTED with COMMENTS in EPA Letter Dated:

FEB 20 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered for the pesticide. EPA Reg. No.

8378-32

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