



Dyfonate[®] 10.G



GRANULAR INSECTICIDE

(Contains 10 pounds active ingredient per 100 pounds)

ACTIVE INGREDIENT:

O-ethyl S-phenyl ethylphosphonodithioate* 10.0%
INERT INGREDIENTS: 90.0%
*DYFONATE 100.0%

U.S. Patent No. 2,988,474

WARNING KEEP OUT OF REACH OF CHILDREN

HARMFUL OR FATAL IF SWALLOWED.

SKIN CONTACT OR INHALATION OF DUSTS MAY BE HARMFUL.

Do not get on skin, in eyes, on clothing. Avoid breathing dust. Wear gloves when handling. In case of contact, wash immediately with soap and water. Always wash thoroughly after handling.

NOTE TO PHYSICIANS: Exposure may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM also is antidotal when administered early, and in conjunction with atropine.

50 LBS. NET

READ ALL DIRECTIONS BEFORE USING

EPA Reg. No. 476-1995-AA

EPA Est. 476-OR-1

A-3

OBSERVE THE FOLLOWING USE PRECAUTIONS

- Do not apply on any crop, or in any manner not specified on this label.
- Do not rotate with carrots.
- Not for use or storage in or around the home.
- Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. Do not contaminate food or feed.
- This product will kill fish and wildlife. Keep out of lakes, ponds and streams. Birds feeding on treated areas may be killed.
- Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

INSECTS CONTROLLED

- Burrowing Bug (*Pangaeus bilineatus*)
- Cabbage Maggot (*Hylemya brassicae*)
- Corn Leaf Aphid (*Rhopalosiphum maidis*)
- European Corn Borer (*Ostrinia nubilalis*)
- Garden Symphylan (*Scutigera immaculata*)
- Lesser Cornstalk Borer (*Elasmopalpus lignosellus*)
- Maize Billbug (*Sphenophorus maidis*)
- Onion Maggot (*Hylemya antiqua*)
- Seed Corn Beetle (*Agonoderus lecteae*)
- Seed Corn Maggot (*Hylemya cilicrura*)
- Sorghum Greenbug (*Toxoptera graminum*)
- Sugarbeet Root Maggot (*Tetanops myopaeformis*)

Rootworms:

- Northern Corn Rootworm (*Diabrotica longicornis*)
- Southern Corn Rootworm (*Diabrotica undecimpunctata howardi*)
- Western Corn Rootworm (*Diabrotica virgata*)

Wireworms:

- Corn Wireworm (*Melanotus communis*)
- Pacific Coast Wireworm (*Limonius canus*)
- Southern Potato Wireworm (*Conoderus talli*)
- Sugar Beet Wireworm (*Limonius californicus*)
- Tobacco Wireworm (*Conoderus vespertinus*)
- Western Field Wireworm (*Limonius intuscutus*)
- Wheat Wireworm (*Agriotes mancus*)
- Ctenicera lobata*
- Dalopius pallidus*

DIRECTIONS FOR USE AND RECOMMENDATIONS

NOTE: Broadcast applications should be mixed (incorporated) into the soil to a depth of 2 to 3 inches.

ASPARAGUS: (California only) For control of garden symphylans, apply 30 to 100 pounds per acre, broadcast. Incorporate into the soil with standard cultivation equipment. Do not apply within 30 days of harvest.

BEANS (GREEN & DRY): For control of garden symphylans and wireworms, apply 20 pounds (for symphylans) or 40 pounds (for wireworms) DYFONATE 10.G per acre, broadcast, prior to planting and incorporate into the soil by discing.

LIMA BEANS: For control of garden symphylans, apply 20 pounds DYFONATE 10.G per acre, broadcast, prior to planting and incorporate into the soil by discing.

COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER): For control of garden symphylans prior to and at time of seeding or transplanting, apply 20 pounds per acre, broadcast, and incorporate into the soil by discing.

CORN (FIELD, SWEET AND POPCORN):

A. Band application for control of northern and western corn rootworms, seed corn beetle and seed corn maggot (recommended for seed corn beetle and seed corn maggot in the central and midwestern corn growing areas only): Apply 7 1/2 to 10 pounds DYFONATE 10.G per acre in a 6 to 8 inch band over corn rows 38 to 40 inches apart (equivalent to 9 to 12 ounces of DYFONATE 10.G per 1,000 linear feet of row based on 40 inch row spacing).

1. APPLICATION AT PLANTING: Incorporate into the top 1/2 to 1 inch of soil by making application ahead of the press wheels, or by dragging a short length of chain behind the press wheels.

2. APPLICATION AT CULTIVATION: Cover the treated band with 2 to 3 inches of soil by making application immediately ahead of disc hillers or cultivation equipment. Make application in May or June when activity of rootworm larvae is first observed. Do not apply within 45 days of harvest.

B. Broadcast application for control of symphylans, wireworms and maize billbugs: Apply 20 pounds (for symphylans) or 40 pounds (for symphylans, wireworms and maize billbugs) DYFONATE 10.G per acre prior to planting and incorporate into the soil by discing. Recommended for billbugs in the southeastern U.S. only.

C. Band or broadcast application for control of European corn borer (midwestern and northeastern U.S. only): Apply 10 pounds DYFONATE 10.G per acre over the corn, so granules fall into whorls, when 50% of the plants show first generation borer feeding. To control second generation corn

borer, apply 10 pounds DYFONATE 10.G per acre when field counts show 100 egg masses per 100 plants. May be applied broadcast using air or ground equipment, or in 6 to 8 inch bands over corn rows 30 inches or more apart. Do not apply within 30 days of harvest nor feed or graze to livestock within 30 days of treatment.

D. Band application for control of wireworms in sweet corn grown on muck soils (Florida only): Based on 36 inch row spacing, apply 20 pounds DYFONATE 10.G per acre in a 2 inch band over the furrow at planting. This is equivalent to 20 pounds DYFONATE 10.G per 14,520 linear feet of row (22 ounces per 1,000 linear feet of row).

MINT (PEPPERMINT, SPEARMINT): For control of garden symphylans apply 20 pounds per acre, broadcast, and incorporate into the soil by discing prior to planting or on established plantings prior to spring growth. Do not apply earlier for at least 3 weeks before or after the DYFONATE application.

BULB ONIONS: For control of onion maggot, apply as a furrow treatment at time of seeding. Based on a 20 inch row spacing apply at a rate of 10 pounds per acre (10 lbs./26,109 ft.; 1 lb. per 2,610 ft. of row; 3/4 lb. per 1,000 ft. of row). Use on organic soils only (soils containing 10% or more organic matter).

PEANUTS: Southeastern U.S. — For control of lesser cornstalk borer, use 20 lbs. DYFONATE 10.G per acre in an 18 inch band on 36 inch rows — OR — 40 lbs. DYFONATE 10.G per acre, broadcast, by air or ground equipment. Apply at first signs of borer infestation after pegging begins. May be used up to 30 days after pegging begins. For control of southern corn rootworm apply, at pegging, 20 pounds DYFONATE 10.G per acre in 18 inch bands on 36 inch rows and lightly incorporate using cultivation equipment; — OR — 30 days after pegging begins, apply 10 pounds DYFONATE 10.G per acre using the same band width and row spacing.

Southwestern U.S. — For control of lesser cornstalk borer and southern corn rootworm, apply 20 pounds DYFONATE 10.G per acre in 18 inch bands on 36 inch rows. For lesser cornstalk borer only, 10 to 14 pounds DYFONATE 10.G per acre are recommended, applied in 14 inch bands on rows planted 32 or more inches apart. All rates may be applied up to 30 days after pegging begins. For burrowing bug control, apply 10 to 20 pounds DYFONATE 10.G per acre in 18 inch bands on 36 inch rows — OR — broadcast 20 pounds DYFONATE 10.G per acre. Lightly incorporate into the soil with 1 to 2 inches of water. Recommended for control of burrowing bug in Texas only.

POTATOES (IRISH): For control of garden symphylans and wireworms, apply 20 pounds (for symphylans) or 40 pounds (for symphylans and wireworms) DYFONATE 10.G per acre, broadcast, prior to planting and incorporate into the soil by discing.

OR

For wireworm control in the Pacific northwest only, apply at planting 20 pounds DYFONATE 10.G per acre (36 inch row spacing) in subsurface bands 3 to 4 inches on both sides of and 2 inches below the seed pieces.

RADISH: For control of cabbage maggot and garden symphylans prior to and at time of seeding, apply 20 pounds per acre, broadcast, and incorporate into the soil by discing.

STRAWBERRIES: For control of symphylans apply 20 pounds per acre, broadcast, and incorporate into the soil by discing prior to planting or transplanting.

SUGAR BEETS: BAND APPLICATION FOR CONTROL OF SUGAR BEET ROOT MAGGOTS: Apply 10 to 15 pounds DYFONATE 10.G per acre in a 7 inch band over sugar beet rows 22 or more inches apart. Apply at planting and lightly incorporate into the soil. Do not place DYFONATE 10.G in direct contact with the seed. Recommended in Colorado and the northwest sugar beet growing areas only.

SUBSURFACE APPLICATION FOR CONTROL OF SUGARBEET ROOT MAGGOTS: (Recommended in the Big Horn Basin of Wyoming only) — Apply 15 pounds DYFONATE 10.G per acre

2 inches from the seed furrow and 2 inches below the soil surface on the irrigated side of sugar beet rows spaced 22 or more inches apart (equivalent to 10 1/2 ounces DYFONATE 10.G per 1,000 linear feet of row). Do not place DYFONATE 10.G in direct contact with the seed.

BROADCAST APPLICATION FOR CONTROL OF SYMPHYLANS AND WIREWORMS: Apply 20 pounds (for symphylans) or 40 pounds (for symphylans and wireworms) DYFONATE 10.G per acre, broadcast, prior to planting and incorporate into the soil by discing.

SUGARCANE: For wireworm control apply 30 to 40 pounds (40 pounds outside of Florida) DYFONATE 10.G per acre in a 14 inch band on cane rows 60 inches apart. This is equivalent to 3.4-4.6 pounds of DYFONATE 10.G per 1,000 linear feet of row. Apply over the tops of sugar cane seed pieces immediately ahead of covering discs.

SWEET POTATOES: Southeastern U.S. — For control of wireworms, apply 40 pounds DYFONATE 10.G per acre, broadcast, at planting and incorporate into the soil by discing, or, apply 30 pounds DYFONATE 10.G over the top at root swelling.

Other Growing Regions: For control of wireworms, apply 40 pounds DYFONATE 10.G per acre, broadcast, at planting, or, over the top at root swelling.

SORGHUM (MILO): (Texas only) — For control of corn leaf aphid and sorghum greenbug, apply 7.5 pounds DYFONATE 10.G per acre over the top using aerial application equipment. Use only on irrigated sorghum. Do not apply within 14 days of harvest nor feed or graze to livestock within 14 days of application. Limit post-emergence use to 2 applications per crop.

TOMATOES: For control of garden symphylans, apply 20 pounds of DYFONATE 10.G per acre, broadcast, prior to planting and incorporate into the soil by discing.

TABLE BEETS: For control of cabbage maggot and garden symphylans, apply 20 pounds per acre, broadcast, prior to planting. Incorporate into the soil by discing.

TOBACCO: For control of wireworms listed apply 10 to 20 pounds per acre, broadcast, prior to bedding and transplanting and incorporate into the soil by discing.

Before Using — Study Safety Directions

Completely empty the contents of bag and bury waste and empty container in a safe place away from water supplies.

NOTICE — READ CAREFULLY

CONDITIONS OF SALE Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

WARRANTY LIMITATION Stauffer 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 on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties; THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

INHERENT RISKS The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

LIMITATION OF LIABILITY In no case shall Stauffer be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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