



ACCEPTED
JUL 20 1976
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under the pesticide label number 476-2028.

Dyfonate 20·G

GRANULAR INSECTICIDE

ACTIVE INGREDIENT: O-ethyl S-phenyl ethylphosphonodithioate 80.0%
INERT INGREDIENTS: 100.0%
 Contains 20 pounds active ingredient per 100 pounds.
 (U.S. Pat. No. 2,988,474)

INSECTS CONTROLLED

European corn borer (<i>Ostrinia nubilalis</i>)	Wireworms
Garden symphylan (<i>Scutigera immaculata</i>)	Corn wireworm (<i>Melanotus communis</i>)
Lesser cornstalk borer (<i>Etiopialpus lignosellus</i>)	Pacific coast wireworm (<i>Limonius calvus</i>)
Seed corn beetle (<i>Agonoderus lecontei</i>)	Southern potato wireworm (<i>Conoderus falli</i>)
Seed corn maggot (<i>Hyalemya ciliata</i>)	Sugarbeet wireworm (<i>Limonius californicus</i>)
Sugarbeet root maggot (<i>Tetanops myopaeformis</i>)	Tobacco wireworm (<i>Conoderus vesperinus</i>)
Maize billbug (<i>Sphenophorus m. kalis</i>)	Western field wireworm (<i>Limonius infuscatus</i>)
Rootworms:	Wheat wireworm (<i>Agrotis mancus</i>)
Northern corn rootworm (<i>Diabrotica longicornis</i>)	<i>Ctenicera lobata</i>
Western corn rootworm (<i>Diabrotica virgifera</i>)	<i>Dalopius pallidus</i>



POISON DANGER



Keep Out of Reach of Children

DANGER: POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. RAPIDLY ABSORBED THROUGH THE SKIN. DO NOT GET IN THE EYES, ON SKIN, OR ON CLOTHING. AVOID BREATHING OF DUST.

Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for parathion protection. Wear rubber gloves, protective clothing and goggles. Wash hands, arms, and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work and wash all clothing with soap and hot water before reusing. In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and water.

POISON SYMPTOMS—DYFONATE is a highly toxic cholinesterase inhibitor. Symptoms include headache, blurred vision, weakness, nausea, discomfort in the chest, abdominal cramps, vomiting, diarrhea, salivation, sweating and pinpoint pupils.

ALWAYS CALL A PHYSICIAN IN CASE OF SUSPECTED POISONING. ATROPINE IS ANTIDOTAL.

FIRST AID—If patient has stopped breathing, immediately remove from contaminated area, then start artificial respiration, preferably by mechanical means. **IF SWALLOWED**—and patient is conscious, induce vomiting immediately. Give tablespoon of salt in glass of warm water. Repeat until vomit fluid is clear. Never give anything by mouth to unconscious person. Have victim lie down and keep quiet. **IF INHALED**—Remove patient from contaminated area. **FOR SKIN**—In case of contact, remove contaminated clothing and immediately wash skin thoroughly with soap and water. Avoid abrading the skin. **FOR EYES**—In case of contact, flush immediately with water for at least 15 minutes.

INFORMATION FOR PHYSICIAN—Initial measures include removal of secretions, maintenance of a patent airway and, if necessary, artificial respiration. **WHEN CYANOSIS IS RELIEVED**, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, Protosol chloride (Fraldoxime chloride, 2-PAM chloride) has shown utility as ADJUNCTIVE therapy. Never use morphine. Continued absorption of the poison may occur, resulting in a fatal relapse after initial improvement; **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 TO 72 HOURS.**

OBSERVE THE FOLLOWING USE PRECAUTIONS

- READ ALL DIRECTIONS BEFORE USING.
- 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 is toxic to fish, birds and other wildlife. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

DIRECTIONS FOR USE AND RECOMMENDATIONS

NOTE: Broadcast applications should be mixed (incorporated) into the soil to a depth of 2 to 3 inches. **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 3 1/2 to 5 pounds DYFONATE 20·G per acre in a 6 to 8 inch band over corn rows 38 to 48 inches apart (equivalent to 4 1/2 to 6 ounces of DYFONATE 20·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.

OR

2. APPLICATION AT CULTIVATION: Cover the treated band with 2 to 3 inches of soil by making application immediately ahead of disc tillers 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: (Recommended for ornamentals in southeastern U.S. only.)

Apply 10 pounds (for symphylans) or 20 pounds (for symphylans, wireworms and maize billbugs) DYFONATE 20·G per acre, prior to planting and incorporating into the soil by discing.

C. Band or broadcast application for control of European corn borer:

Apply 5 pounds DYFONATE 20·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 5 pounds DYFONATE 20·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. Limit use to midwestern and northeastern U.S.

D. Band application for control of wireworms in sweet corn grown on muck soils (Florida only):

Based on 36 inch row spacing, apply 10 pounds DYFONATE 20·G per acre in a 2 inch band over the furrows at planting. This is equivalent to 10 pounds DYFONATE 20·G per 14,520 linear feet of row.

SUGAR BEETS:

BAND APPLICATION FOR CONTROL OF SUGAR BEET ROOT MAGGOTS: Apply 5 to 7 1/2 pounds DYFONATE 20·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 20·G in direct contact with the seed. Recommended in Colorado and the northwest sugar beet growing areas only.

PEANUTS:

SOUTHEASTERN U.S.: For control of lesser cornstalk borer, use 8 pounds DYFONATE 20·G per acre in an 18 inch band on 36 inch rows — apply at first signs of borer infestation after pegging begins. May be used up to 30 days after pegging begins.

BEFORE USING — STUDY SAFETY DIRECTIONS

Completely empty the contents of bag and bury unused chemical in an isolated location away from water supplies. Bury bag with wastes.

EPA Reg. No. 476-2028-AA

50 LB. NET

EPA Est. 476-NJ-1

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Made in U.S.A. by

STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880

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