

476-2134

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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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These products are also available from your Stauffer Dealer:

- Aspon[®] Insecticide
- Belatan[®] Herbicide
- Caplan Herbicide
- Devrihol[®] Herbicide
- Epilam[®] Herbicide
- Eradicane[®] Herbicide
- Folpet Fungicide
- Imidan[®] Insecticide
- Knoxweed[®] Insecticide
- Ro-Neel[®] Herbicide
- Sutan[®]+ Herbicide
- Sutan[®]+/atrazine Herbicide
- Tillam[®] Herbicide
- Triblion[®] Herbicide
- Vapam[®] Soil Fumigant
- Vernam[®] Herbicide

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. DO NOT BREATHE SPRAY MIST.

Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II.

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 re-using. In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and water.

GENERAL USE PRECAUTIONS

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ACTIVE INGREDIENTS: O-ethyl S-phenyl ethylphosphonodithioate, Xylene range aromatic hydrocarbon solvent.

INERT INGREDIENTS: Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 476-2134

DYFONATE (Contains 4 pounds DYFONATE per gallon)

MINIMUM STORAGE TEMPERATURE: MINUS 40 F. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Do not transport or store DYFONATE 4-EC with any food or feed intended for human or animal consumption.

READ ALL LABEL DIRECTIONS BEFORE USING

ACCEPTED

APR 18 1979

47.3% 42.1% 10.6% 100.0%

Dyfonate

4-EC INSECTICIDE—EMULSIFIABLE LIQUID

Complete Directions For Use, Use Precautions and Recommendations

STAUFFER CHEMICAL COMPANY, Westport, CT 06880 EPA Reg. No. 476-2134 A-5

Poison symptoms:

DYFONATE 4-EC 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—do NOT induce vomiting. Immediately give large quantities of water or milk, if available. If vomiting does occur, give fluids again. Never give anything by mouth to an unconscious person. Call a physician or the nearest Poison Control Center immediately. 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, protopam chloride (pralidoxime 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 to 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, shrimp, crab, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Shrimp and crab may be killed at application rates recommended on

this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Insects controlled

- Cabbage Maggot (*Hylemya brassicae*)
- Corn Leaf Aphid (*Rhopalosiphum maidis*)
- Garden Symphylan (*Scutigera immaculata*)
- Onion Maggot (*Hylemya antiqua*)
- Greenbug (*Schizaphis graminum*)
- Seed Corn Maggot (*Hylemya platura*)
- Rootworms:
 - Northern Corn Rootworm (*Diabrotica longicornis*)
 - Western Corn Rootworm (*Diabrotica virgifera*)
- Wireworms:
 - Corn Wireworm (*Melanotus communis*)
 - Pacific Coast Wireworm (*Limonius canus*)
 - Southern Potato Wireworm (*Conoderus falli*)

- 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

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

Application should be made only with tractor mounted spray equipment and by trained personnel only, using approved protective equipment. Pour the recommended amount of DYFONATE 4-EC into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Apply in 20 to 50 gallons of water per broadcast acre using a properly calibrated, low-pressure sprayer having good agitation.

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

Recommendations

BEANS (GREEN AND DRY): For control of garden symphylans and wireworms, apply

2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-EC per acre, broadcast, prior to planting and incorporate into the soil by discing.

For control of seed corn maggot (Northwestern U.S. only) apply 2 quarts to 1 gallon DYFONATE 4-EC per acre, broadcast, on soil surface prior to planting and incorporate to a depth of 2 to 4 inches using suitable tillage equipment. Use higher rate where population pressure is severe.

BEANS (LIMA): For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-EC per acre, broadcast, prior to planting and incorporate into the soil by discing. The higher rate is recommended on lima beans grown in California only.

COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER):

Garden Symphylans: Prior to or at time of seeding or transplanting, apply 2 quarts DYFONATE 4-EC per acre, broadcast, and incorporate into the soil by discing.

Cabbage Maggot (Northeastern U.S. only): For transplant cole crops: use 1 to 2 quarts DYFONATE 4-EC in 200 to 400 gallons of water per acre. Apply with a sprayer equipped with drop nozzles to direct a drenching spray to the base of the plants. Apply immediately after transplanting.

CORN (FIELD, SWEET, AND POPCORN):

A. Band application for control of northern and western corn rootworms:

Apply, at planting, ¾ to 1 quart DYFONATE 4-EC per acre in a 6 to 8 inch band over corn rows 38 to 40 inches apart.

Incorporate into the top ½ to 1 inch of soil by making application ahead of the press wheels or by use of special covering devices or by dragging a short length of chain behind the press wheels.

B. Broadcast application for control of symphylans, northern and western corn rootworms, and wireworms:

Apply 2 quarts (for symphylans), 3 quarts (for symphylans and corn rootworms), or 4 quarts (for symphylans, corn rootworms, and wireworms) DYFONATE 4-EC per acre prior to planting and incorporate into soil by discing.

C. Split boot application for control of northern and western corn rootworms (recommended in the northcentral and midwestern corn-growing areas only):

Apply, at planting, 1 quart DYFONATE 4-EC in 5 to 20 gallons of fluid fertilizer per acre (40 inch row spacing) in subsurface split bands on each side of the corn row, 1¼ to 1½ inches to each side of the seed and 1 to 2 inches deep. Do not place DYFONATE 4-EC in direct contact with the seed.

The fluid fertilizer selected must be physically compatible with DYFONATE 4-EC. A

compatibility test procedure is available at your Stauffer dealer. Agitation must be maintained during filling and application operations.

MINT (PEPPERMINT, SPEARMINT): For control of garden symphylans apply 2 quarts DYFONATE 4-EC per acre, broadcast, and incorporate into the soil by discing prior to planting or on established plantings prior to Spring growth. (Do not apply terbacil for at least 3 weeks before or after the DYFONATE 4-EC 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 1 quart DYFONATE 4-EC per acre (1 quart per 26,109 feet of row; 3/4 fluid ounces per 2,610 feet of row; 1/4 fluid ounces per 1,000 feet of row). Use on organic soils only (soils containing 10% or more organic matter).

POTATOES (IRISH): For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 4 quarts (for symphylans and wireworms) DYFONATE 4-EC per acre, broadcast, prior to planting and incorporate into the soil by discing.

SORGHUM (MILO): For control of corn leaf aphid and greenbug, apply 3/4 to 1 quart DYFONATE 4-EC in 5 to 30 gallons of water per acre over the top using aerial or ground application equipment. Do not apply within

60 days of harvest nor feed or graze to livestock within 60 days of application. Limit postemergence use to 2 applications per crop.

STRAWBERRIES: For control of symphylans apply 2 quarts DYFONATE 4-EC per acre, broadcast, and incorporate into the soil by discing prior to planting.

SUGARCANE: At Planting: For wireworm control, apply 4 quarts DYFONATE 4-EC per acre in a 14 inch band on cane rows 60 inches apart. This is equivalent to 11 to 14 1/2 fluid ounces of DYFONATE 4-EC per 1,000 linear feet of row. Apply over the top of sugarcane seed pieces immediately ahead of covering discs.

SUGAR BEETS: For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-EC per acre, broadcast, prior to planting and incorporate into the soil by discing.

TABLE BEETS: For control of cabbage maggot and garden symphylans apply 2 quarts DYFONATE 4-EC per acre, broadcast, prior to planting. Incorporate into the soil by discing.

TOBACCO: For control of wireworms, apply 1 to 2 quarts DYFONATE 4-EC per acre, broadcast, prior to bedding and transplanting and incorporate into the soil by discing.

TOMATOES: For control of garden symphylans, apply 2 quarts of DYFONATE 4-EC per acre, broadcast, prior to planting and incorporate into the soil by discing.

Tank mix directions with Tillam 6-E on flue-cured tobaccos

DYFONATE 4-EC in combination with TILLAM 6-E controls wireworms and certain weeds (see TILLAM 6-E label) in tobacco.

Soil Preparation: The soil should be well-worked and dry enough to permit good soil incorporation (mixing into the soil).

Dosage: Add to the spray tank and apply 1 quart DYFONATE 4-EC and 2 1/2 quarts TILLAM 6-E in 20 to 50 gallons of water per acre. Use a properly calibrated, low-pressure, boom-type sprayer having good agitation.

Soil Incorporation: The tank mix must be incorporated (mixed) into the soil immediately after application to prevent loss of the herbicide by evaporation. Whenever possible, application and incorporation should be done in the same operation.

Use power-driven cultivation equipment set to cut to a depth of 3 inches in light soil and 3 to 4 inches in heavy soil, or a tandem disc set to cut to a depth of 4 to 6 inches.

Cross disc at right angles for thorough mixing. The bedding operation should follow the incorporation as soon as practical. Planting may be done immediately after bedding or at a later date; however, to insure long term weed control, the crop should be planted as soon as possible after application and bedding.

IMPORTANT: Refer to both DYFONATE 4-EC and TILLAM 6-E labels for pertinent directions for use, and use precautions and restrictions.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL

Pesticide, spray, mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL

Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

GENERAL

Consult Federal, State, or local disposal authorities for approved alternative procedures.

**Rinse spray equipment . . .
perforate empty metal
containers.**

EPA Reg. No. 476-2134

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