

JAN 11 1974

COASTAL D-D SOIL FUMIGANT

| CROP | DIRECTIONS FOR APPLICATION | SOIL TYPE | DOSAGE (Gal. per acre) * & ** |
|-------------------------|----------------------------|--------------|---|
| Field Crops | Row (42") | Mineral | 7 1/2 to 10 |
| Floral Crops | Over-All (or broadcast) | Muck or Peat | 15 to 20 |
| Grasses & Turf | | Mineral | 18 to 25 (1) |
| Ornamentals | Over-All (or broadcast) | Muck or Peat | 40 to 60 (2) |
| Small Fruits | | Mineral | 15 to 20 |
| Vegetables | Over-All | Muck or Peat | 40 to 60 (2) |
| Sugar Beets | | Mineral | 15 to 20 |
| Sugar Beet | Over-All | Muck or Peat | 40 to 60 (2) |
| Nematodes | | Mineral | 25 to 30 |
| Forest Nurseries | Strip Treatment | Mineral | Treat a 10 ft. wide strip in which new trees are to be planted at 40 gal. per acre. 3 |
| Ornamental Nurseries xx | | | |
| | Over-All | Mineral | 40 to 60 |

*One gallon of D-D Soil Fumigant weights 10 pounds.
 For Sunbilt, apply 30 to 40 gallons per acre broadcast in accordance with local, state and federal recommendations.
 (1) For cyst-forming nematodes, increase dosage to 25 to 30 gallons per acre.
 (2) For muck soils containing less than 30 percent organic matter reduce dose to 30 gallons per acre.
 (3) Examples: (A) If trees are to be planted in rows 20 ft. apart, only half of the area is treated (alternate 10 ft. stripes), thus only 20 gallons are applied -- the part treated is at the over-all rate of 40 gallons per acre.
 (B) Formula for calculating dosage rate --

$$\frac{\text{Width of strip to be treated (10' in example)} \times \text{overall rate (40 gals. in example)}}{\text{Row spacing (20' in example)}} = \text{actual gallons to be applied (20)}$$

Active Ingredients:

Chlorinated C³ Hydrocarbons, including 1, 3-Dichloropropene, 1, 2-Dichloropropane, and other Related Chlorinated Hydrocarbons **100%**
TOTAL 100%

*Equivalent to 100 percent D-D Soil Fumigant

DANGER  **POISON**
 Keep Out Of Reach Of Children

May be fatal if swallowed, inhaled or absorbed through skin. Hazardous vapor and liquid. Causes burn of skin or eyes. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Use with adequate ventilation. Keep away from heat or open flame. Keep container closed. Do not contaminate food and feed stuff. Do not store near seeds, fertilizers, or plants. See remainder of warning statement on side panel.

NOTICE

Buyer assumes all risks of use, storage or handling of this material in strict accordance with directions given hereon. Net Contents - 1 Gallon

DISTRIBUTED BY
COASTAL CHEMICAL CORPORATION

GREENVILLE, N. C. 27834
 EPA Reg. No. 55.49 (1)

In case of clothing or for eyes, flush with water until entirely clean. In case of skin or respiratory tract, Chlorinated Hydrocarbons. This product contains no insecticides. Avoid use of pump sprayer. Do not use on vegetables. Use D-D Soil Fumigant by injection on sugar beet at planting. Do not treat soil from infested vegetables. **WHEN TO TREAT** Conditions are favorable between 40° and 60° F. Dry treatment at 100% humidity. A three month muck and humus control time federal record. **SOIL PREPARATION** Soil should be allowed to rest from debris and tillage, 12 to 14 days before heavy muck

ACCEPTED

WARNING

In case of contact IMMEDIATELY remove all contaminated clothing or shoes and wash skin thoroughly with soap and water; for eyes, flush with water for at least 15 minutes, and get medical attention. Do not wear contaminated clothing or shoes until entirely free of chemical odor. Wash clothing before re-use. In case of spillage in closed areas, do not enter without a mask or respirator of a type passed by the U.S. Bureau of Mines for Chlorinated C₃ Hydrocarbons protection.

This product will not be toxic to any body of water. Do not contaminate water by cleaning of equipment or disposal of waste. For more information on this product only as indicated on this label.

Use equipment and containers and dispose of wastes by burying in soil. Do not allow water from water applicator. Containers should be cleaned by flushing and burying with waste.

Use D-D Soil Fumigant at full strength as a preplanting treatment by injection into the soil to control root knot, moadew, and sugar beet nematodes. For best results treat soil prior to each crop planting. Do not use on heavy clay soils. Avoid reinfestation of treated soil from transplants, tools, equipment, or crop remains from infested areas. Cymphillids are commonly found feeding on vegetables, small fruits, mint, nursery crops, and field crops.

WHEN TO TREAT: Treat in spring or fall or whenever soil conditions are suitable. Soil temperature 6 inches deep should be between 40 and 80 deg. F. (Cold or wet soils retain fumigant longer. Dry or hot soils release fumigant too rapidly). Early fall treatment allows planting of a fall cover crop.

A three month waiting period should be allowed before planting mark and heavy soil to allow complete aeration. For symphillid control, time application is accordance with local, state and federal recommendations.

SOIL PREPARATION: Plow to a depth of 8 to 10 inches. Disc soil thoroughly to break up clods and put up trash. Cover trash or allow to rot before fumigation. Soil should be smooth and free from debris, with adequate moisture for good germination. Deep tillage, 12 to 18 inches, often improves results, especially in heavy muck soil.

APPLICATION: Over all (broadcast) Application: Apply with chisel or plow sole equipment. Apply in uniform streams 10 to 12 inches apart and 6 to 8 inches deep in the soil. With chisel application, seal chisel channels with a drag, ringroller, or press wheel behind the applicator. With plow-sole application, disc immediately to break clods and then seal with roller or drag.

Row (band) Treatment: Adjust injection chisels to same spacing as planter. Inject at least 6 to 8 inches deep into soil. Seal with roller or drag. Plant directly in treated strips.

WHEN TO PLANT: Under normal conditions, a waiting period of one week for each 10 gallons of D-D Soil Fumigant used should be allowed. Allow additional time before planting if temperatures are below 60 deg. F. or if there has been heavy rain. Soil treated with massive doses of fumigant before planting, such as for deep-rooted tree and shrub planting sites, requires a 3 to 6 months waiting period. Before planting, plow or open planting hole to thoroughly aerate soil.

PRECAUTIONS IN USING

Wear goggles, and polyethylene gloves when handling material. Wash with soap and water after handling and before eating or smoking. Do not store in or use containers or equipment made of aluminum, magnesium or their alloys. Store in cool place away from dwellings. Avoid reinfesting treated soil. After use, always empty and clean applicator thoroughly with kerosene or fuel oil. Avoid using water in equipment.