

## GENERAL DIRECTIONS

Use D-D Soil Fumigant at full strength as a preplanting treatment by injection in the soil only to control cyst (soybean, golden, tobacco, sugar beet), root knot, root-lesion or meadow, burrowing, citrus, stem and bulb, free-living (sting, ring, awl, spiral, lance, pin, scabby root, s.y.l.c.t., dagger), and other plant parasitic nematodes and symphylids. The above nematodes, as well as others, appear on field, forage, vegetable, nursery crops, grasses, ornamentals and small fruit. Symphylids are commonly found feeding on vegetables, small fruits, ornamentals, nursery crops, field crops and vineyards. For best results treat 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.)

## WHEN TO TREAT

Treat in spring or fall or whenever soil conditions are suitable. Soil temperature 6 inches deep should be between 40 and 60° F. (Cold or wet soils retain fumigant longer. Dry or hot soils release fumigant too rapidly.) Fall treatment is suggested for land to be planted to early planted crops such as corn, soybeans and nursery stock. Early fall treatment is recommended for planting a fall cover crop.

A 30-day waiting period should be allowed before planting in muck and heavy soil to allow complete aeration. For best results, control fumigant application in 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 cut 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 and 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, ring roller, or press wheel behind the applicator. With plow-sole applications, 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 below the final soil surface. 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° 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, site requires 3 to 6 months waiting period. Before planting, allow soil to settle and hold to thoroughly aerate soil.

See label for complete directions. This product is highly toxic to persons or property arising out of use or handling and accepts the product on these conditions.

# D-D<sup>®</sup> Soil Fumigant

ACTIVE INGREDIENTS 100.0%  
1,3-Dichloropropene, 1,2-Dichloropropane,  
3,3-Dichloropropene, 2,3-Dichloropropene,  
and related C. Chlorinated Hydrocarbons

## WARNING!

KEEP OUT OF REACH OF CHILDREN

See antidote and other warnings on side panel.

Manufactured By

**DALY-HERRING CO.**

Winston-Salem, N. C.  
27101

KINSTON, N. C. 28101  
Greensboro, N. C. 27401  
Net Contents, One Gallon

MAY BE EASILY  
SORBED THROUGH

Hazardous vapors  
Causes burn of  
Do not get in eyes  
Do not breathe  
Use with adequate  
Keep away from  
Keep container  
Do not contaminate  
Do not store near

In case of contact  
Remove clothing or  
flush with water, for  
eyes, for eyes  
not wear contact  
chemical odor,  
evacuate or clothe  
respiration of a  
suitable for

When you use  
Wash with soap  
or smoking. Do  
made of aluminum  
pieces, or from  
After use, do not  
with kerosene or  
To protect fish  
into streams, po

ACCEPTED

# D-D Soil Fumigant

chisel or plow  
10 to 12 inches  
With chisel or  
roller, or press  
the application,  
then seed.

tion  
8 in.  
P.L. 1

## ACTIVE INGREDIENTS

1,1-Dichloro-2,2-dimethyl-2-oxoethane  
1,1-Dichloro-2,2-dimethyl-2-oxoethane  
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## WARNING

Keep out of reach of children.

See back of label for full directions.

CROP	TYPE OF TREATMENT	APPL. RATE (GAL. ACRE)
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Asparagus	Pre-plant	1.0
Beans	Pre-plant	1.0
Broccoli	Pre-plant	1.0
Brussels Sprouts	Pre-plant	1.0
Cauliflower	Pre-plant	1.0
Corn	Pre-plant	1.0
Cucumbers	Pre-plant	1.0
Eggplant	Pre-plant	1.0
Kale	Pre-plant	1.0
Kidney Beans	Pre-plant	1.0
Leeks	Pre-plant	1.0
Lettuces	Pre-plant	1.0
Onions	Pre-plant	1.0
Potatoes	Pre-plant	1.0
Spinach	Pre-plant	1.0
Squash	Pre-plant	1.0
Tomatoes	Pre-plant	1.0
Turnips	Pre-plant	1.0
Watermelons	Pre-plant	1.0
Winter Squash	Pre-plant	1.0
Yard Greens	Pre-plant	1.0

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Manufactured By

**DALY-HERRING CO.**

Albion, N. C.

KINSTON, N. C. 28501

Greensboro, N. C. 27401

Net Contents: One Gallon

### WARNING

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 feed and foodstuffs.  
Do not store near seeds, fertilizers, or plants.

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. 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. Department of Agriculture for Chlorinated C. Hydrocarbons protection.

### 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. To protect fish and wildlife, do not spill or empty fumigant into streams, ponds or other bodies of water.

### DOSAGE RATE FOR D-D SOIL FUMIGANT

CROP	TYPE OF TREATMENT	SOIL TYPE	GAL. ACRE
Field Crops (tobacco, cotton, etc.)	Row (42")	Mineral	7 1/2 to 10
Floral Crops			
Grasses and Turf		Muck or Peat	15 to 20
Ornamentals Small Fruits Vegetables	Over all (or Broadcast)	Mineral Muck or Peat	15 to 25 40 to 60

One gallon of D-D Soil Fumigant weighs 10 Pounds.

For symphylid control apply 30 to 40 gallons of D-D Soil Fumigant per acre in accordance with Local, State and Federal recommendations. For ornamentals, warehousing, and dosages recommended for tomatoes in broadcast treatments.

For cyst-forming nematodes, apply 25 to 30 gallons per acre in broadcast treatments.

For muck soils, use 20 to 30 gallons per acre in broadcast treatments. Reduce dosage to 30 gallons per acre for peat soils.

Use one cannel for each 42 in. row.

USDA REG. NO. 46-188