GENERAL DIRECTIONS

Use D.D. Soil funitgant at full strength as a preplanting treatment by injection in the soil only to control cyst (soybean, golden, tobacco, sugar beet), root knot, root-lesson or meading, burrowing, citrus, stem and bulb, free-living (sting, ring, awl, spiral, lance, pin, stubby root, stylet, dagger), and other plant parasitic nematodes. The above nematodes as well as others, appear on field, forage, vegetable, nursery crops, grasses, ornamentals, small fruits, citrus, nut and deciduous fruits. 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.

Crop	Directions for Application	Seil Type	Dosage (Gallons per Acre*)
FIELD CROPS, FLORAL CROPS, MASSES and TURF, ORNAMENTALS, SMALL FRUITS, VEGETABLES	Row (42:1)	Mineral	71/2 to 10
		Muck or Peat	15 to 20
	Over-all (or Broadcast)	Mineral	18 to 25"
		Muck or Peat	40°29 to 60
SUGAR BEETS Root knot nemalede	Row (42")	Mineral	9
	Over-all	Mineral	20
Sugar beet nematode	Row (42")	Mineral	15 to 20
	Over-all	Mineral	25 to 30
DECIDUOUS GRCHARDS, FOREST NURSEPIES, NUTTREES, ORNAMENTAL NURSERIES,**	Strip treatment	Mineral	Treat a 10 ft, wide strip in which new trees are to be planted at 40 gals, per acre ⁽²⁾
	Over-all	Mineral	* 40 to 60
CITRUS California	Over-all	Sandy Loam Clay Loam	60 to 100 80 to 150 120 to 200

- (1) For cyst-forming nematodes, increase dosage to 25 to 30 gations per acre.
- 1.1 For muck soils containing less than 30% organic matter reduce dose to 30 gallons per acre.
- ** Examples: (A) If trees are to be planted in lows 20 ft, apart, only half of the arra is treated (alternate 10 ft, strips), thus only 20 gals, are applied: the part treated is at the over-all rate of 40 gals, per acre.
 - (B) Formula for calculating dosage rate on strips:
 - Width of strip to be treated x Over-all rate -- Actual gals, to be applied
- * One gallon of D-B Soll fumigant weighs 10 pounds.
- 14 In California, consult local recommendations for specific rates on Individual nursery crops

WHEN TO TREAT

Treat in spring or fail or whenever soil conditions are suitable. Soil temperature 6 inches deep should be between 40 and 80° 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 celery, tomatoes and nursery stock. Early fall treatment allows planting a fall cover crop.

A three month waiting period should be allowed before planting muck and heavy soil to allow complete adration

SOIL PREPARATION

flow 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 lieavy and mick soil.





SOIL FUMIGANT

(LIQUID INSECTICIDE)

ACTIVE INGREDIENTS		BY WEIGHT
Chlorinated C. Hydrocarbons, including 1,2-Dichloropropane, and Other Related		100.0%*
	TOTAL	100.0%

* Equivalent to 100.0%w D-D Soil Fumigant

KEEP OUT OF REACH OF CHILDREN. WARNING

May be fatal if swallowed, inhaled, or absorbed through skin.
Hatardous 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 out of reach of children.
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 accidental spillage in classed 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.







SOIL FUMIGANT

(LIQUID INSECTICIDE)

ACTIVE INGREDIENTS		BY WEIGHT
Chlorinated C. Hydrocarbons, including 1,2-Dichloropropane, and Other Related	1,3-Dichloropropene, Chlorinated Hydrocarbons	100.0%*
	TOTAL	100.0%

* Equivalent to 100.0%w D-D Soil Furnigant

KEEP OUT OF REACH OF CHILDREN. 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 out of reach of children.

Keep container closed.

Do not contaminate feed and foodstuffs.

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application

Over-all threadcast) Application. Apply with chises or planking a payment. Apply to unit of standing to 10 to 12 inches apart and 6 to 8 inches deep in the sour vide choice or planking the option of the sour vide choice or with a drag, ringrotler, or press wheel behind the application. With provide apply only any tame that the provide choice and then seal with roller or grag.

Row (Band) Treatment, Adust injection choice to have spaced as a parties for all of the seal o

Row (Band) Treatment. Adjust injection chisels to some spacing its provider frost et al. 2. 3. 1. 2. inches below the final soil surface. Seal with reflect or drag. Plant directly in tigated story.

Split Application. (Use only for dosages in excess of 60 gains per acre) Apply the order to be realisted dosage, wait one to two weeks and plow, turning the treated roll congletely wast. (Inc. iig. is no satisfactory). Then apply the remainder and seal with wag or reads.

Citrus Replanting Sites. Space chisels 18 to 20 in hes wide and reject 12 to 14 mehts deep over a for Deciduous Orchards, Forest and Nursery Crop Planting Sites. Treat large areas over all or list region 10 feet wide. Individual tree sites can be treated by logicities with a handginn in a 10 foot of foot area. Inject 10 to 12 inches deep with spacings 12 inches apart. Sear by pressing sur with the stoot.

WHEN TO PLANT

Under normal conditions, a waiting period of one week for each 10 gallons of 9.9 Scil Fan (and one) should be allowed. (Pineapples can be planted 2 to 3 days after treatment). Allow additional to before planting if temperatures are below 60° for if there has been teasy rain.

Soil treated with massive doses of fumigant before planting such as for deep rooted tree and street planting sites, requires a 3 to 6 months waiting per 1. Before planting, plow or open planting to e to thoroughly aerale soil.

PRECAUTIONS IN USING

Wear goggles and polyethylane gloves when handling material. Wash with soan and enter eiter handling and before eating or smoking. Do not store in or use containers or equipment hade 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 Africaine or fuel oil. Avoid using water in equipment. To protect fish and willilife, do not sput or empty fumigent into streams, ponds or other bodies of water.

NONWARPANTY

Because the use of this material is subject to conditions beyond their control, neither and Pacific Guano Company, nor any other Seller here-of warrants, either expressed or implied, the use thereof or the results of such use, whether we not used in accordance with directions. Neither of the foregoing will or shall be responsible for the results of any use of this material.

ACCEPTED WITH COMMENTS