



# DORLONE<sup>®</sup> SOIL FUMIGANT

## For Controlling Plant Parasitic Nematodes

Use DORLONE only as a preplanting treatment to control nematodes such as root-knot, stunt, tobacco etiolation, and certain other soilborne nematodes in land to be planted to beans, broccolis, carrots, cauliflower, corn (sweet), cotton, cucumbers, egg plant, floral crops, gladiolus, lettuce, melons, nursery crops, okra, parsnips, peppers, pineapple, potatoes (sweet), potatoes (white in Idaho and Wisconsin only), squash (summer), strawberries, tobacco, and tomatoes. It usually is applied as an over-all treatment, but row treatment may be used on cotton, cucumbers, and certain other crops for which this type of treatment is suitable. For best results, annual treatment is required.

### DIRECTIONS FOR APPLICATION AND PLANTING

**WHEN TO TREAT** Treatment may be made either in the spring or fall, whenever soil conditions are suitable. In other areas, late summer or early fall treatment before October 15 is best in muck soils. Early treatment permits planting of a cover crop. Do not use DORLONE in extremely heavy soils.

**SOIL PREPARATION** To facilitate fumigant penetration and sealing, work crop remains into the soil so that they are completely buried before treatment. Soil should be in good, workable seedbed condition with a 50° to 80° F. and with adequate moisture for good seed germination. Deep tillage 12 to 18" after plowing results, especially in heavy or muck soils.

**APPLICATION** For over-all treatments, use the tractor or plow equipment that is best suited. For row application, use the chain or row or wheel-hisel spaced 12" apart. Mark the treated strips by being sure to mark by tractor wheel marks and plant in the middle of the treated areas. Always insert the fumigant at least 2" below the final soil surface. Treat farms and nursery soils when relative humidity is high and water content is medium to high.

**SEALING** In row application, application is complete. After final application, use a float or roller to firmly pack soil on dry side. After plow application, disk the land, then compact by rolling or tamping. Sealing after water treatment can be accomplished by the tractor wheel or by tamping or beading. After tamping, get on tight row seals in the field with a roller or press wheels.

**EXPOSURE PERIOD** After application, do not disturb the soil and stand for at least 7 to 14 days. With a minimum of 100° F. and 70% relative humidity, 10 days is sufficient.

**AERATION AND PREPARATION OF SOIL BEFORE PLANTING** At the end of the exposure period, aerate the soil by working in the soil. The temperature of the soil should be 50° to 80° F. and the soil should be moist. If heavy rains accompanied by low temperatures occur during the exposure period, working the soil several times is essential for thorough aeration. Aeration should be done after the soil has cooled to 50° to 60° F. and the soil is moist. After aeration, the soil should be sealed by rolling or tamping. Seal the soil by rolling or tamping. Seal the soil by rolling or tamping.

**CAUTION** Note Carefully: Do not use DORLONE on soils containing high organic matter. Do not apply to plants or soil that is saturated by soil water made after fumigation. To avoid damage to crops, do not use DORLONE on soils that are saturated by soil water made after fumigation. To avoid damage to crops, do not use DORLONE on soils that are saturated by soil water made after fumigation. To avoid damage to crops, do not use DORLONE on soils that are saturated by soil water made after fumigation.

temperature is above 65° F. Certain crops, including cotton, and pineapples are tolerant to anhydrous and the above recommendations apply to them. In high humidity areas, but not in irrigation stimulated irrigation and reduces the soil's ability to absorb ammonia toxicity.

### DOSAGES RECOMMENDED

**COTTON, FLORAL CROPS, TOBACCO AND VEGETABLES** Over-all Application: Rows set 12" apart. Use 12 to 16 gallons per acre (1 pint per 454 to 340" linear feet per row) in most soils. Use the higher dosage when soils are on the heavy side or when nematode populations are high. With muck soils containing less than 30% organic matter, use 20 gallons per acre (1 pint per 472" linear feet per row). Where the organic matter in muck soils is higher than 30%, use 24 gallons per acre (1 pint per 227" linear feet per row).

**Row Application:** Use 6 gallons per acre (1 pint per 260" linear feet) in muck soils based on a 42" row.

**FOREST AND ORNAMENTAL NURSERY CROPS, PLANT BEDS, STRAWBERRIES AND TURF AREAS** Over-all Application (with rows set 12" apart): Use 24 gallons per acre (1 pint per 227" linear feet per row) in the early to

### USE PRECAUTIONS

DORLONE is not recommended for use in citrus groves, peach orchards, berries, table and sugar beet, cabbage, celery, fields, peanuts, pecans, squash, and turnips.

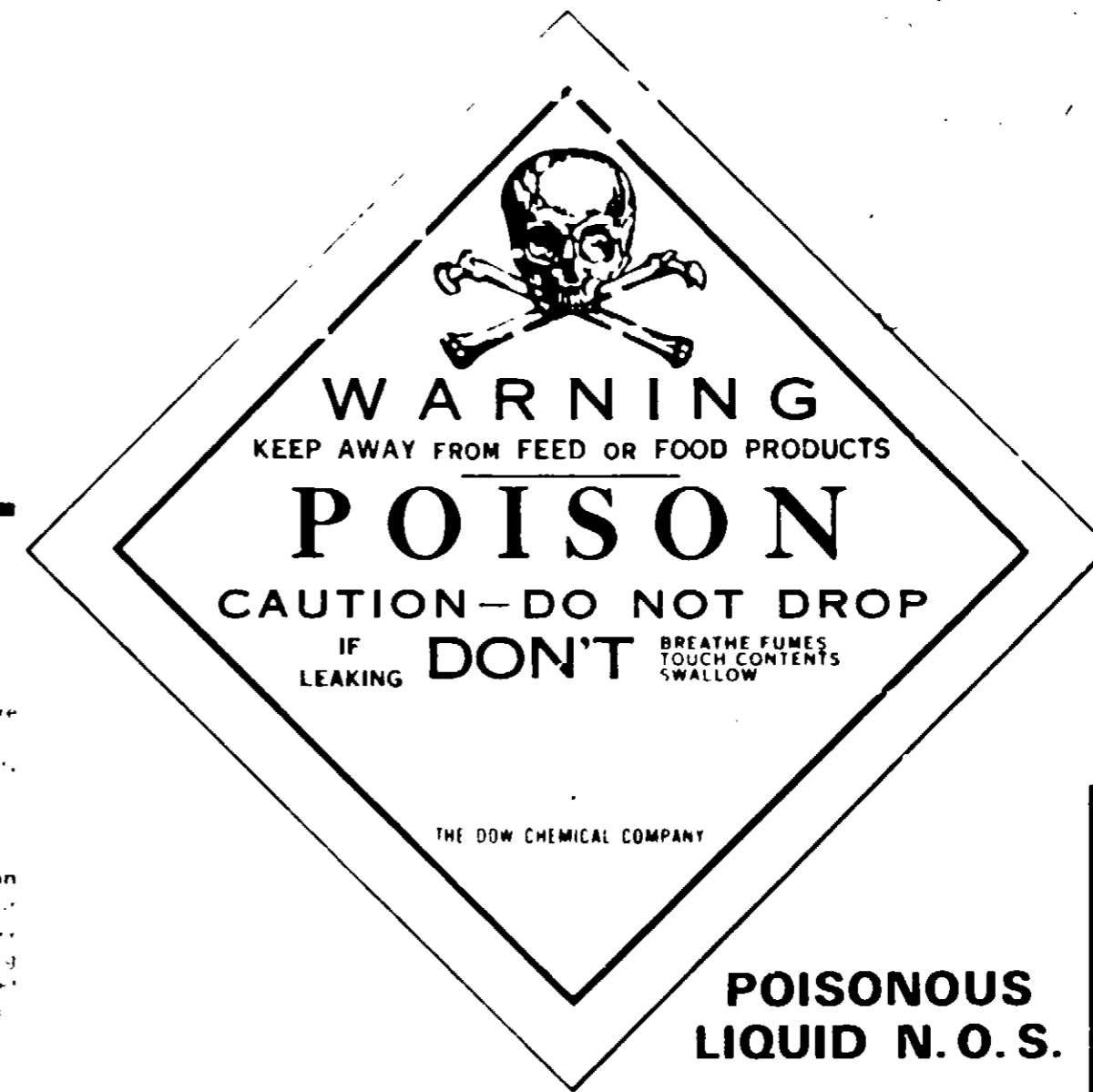
To avoid recontamination of treated soil, do not use transplants, tools or crop remains that could carry soil-borne pests from infested land. Clean applicator carefully before using. Since DORLONE soil fumigant is corrosive under certain conditions, flush all applicators with fuel oil or kerosene immediately after use. DO NOT USE WATER. Do not use containers, pumps or other transfer equipment made of aluminum, magnesium or their alloys, as under certain conditions DORLONE may be severely corrosive to such metals.

Seal DORLONE soil fumigant in tightly closed containers. Do not store in a poorly ventilated area. Do not store in a poorly ventilated area. Do not store in a poorly ventilated area.

Wear suitable eye glasses and goggles when handling material. If liquid or dust is in the eyes, flush with water. If on the skin, wash with water. If on the skin, wash with water. If on the skin, wash with water.

Do not use DORLONE in areas where it may be used by children, babies, or animals. Do not use DORLONE in areas where it may be used by children, babies, or animals.

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**POISONOUS LIQUID N.O.S.**



**KEEP OUT OF THE REACH OF CHILDREN  
ABSORBED THROUGH SKIN • CAUSES BURNS  
HAZARDOUS LIQUID AND VAPOR  
MAY BE FATAL IF INHALED OR SWALLOWED**

**COMBUSTIBLE**

Keep away from heat and open flame. • Use only with adequate ventilation. • Do not breathe vapor. • Do not get on skin, in eyes, on clothing. • Do not take internally. Keep container closed when not in use.

**POISON CALL A DOCTOR IN CASE OF EXPOSURE**

### FIRST AID TREATMENT

If inhaled, remove to fresh air. If on skin, wash with plenty of water. If on eyes, flush with flowing water for at least 15 minutes and get medical attention. If swallowed, get medical attention immediately.

If absorbed, remove to fresh air. If on skin, wash with plenty of water. If on eyes, flush with flowing water for at least 15 minutes and get medical attention. If swallowed, get medical attention immediately.