

PRODUCT INFORMATION

VAPAMOR is a water soluble liquid. When applied to properly prepared soil, the liquid is converted into a gaseous fumigant. After sufficient time of exposure, the gas dissipates leaving the soil ready for planting. VAPAMOR is effective in the control of the following soil-borne pests that affect many crops: nematodes, weeds and germinating weed seeds (annual grasses, crabgrass, bindweed, groundsel, dandelion, ragweed, lamb's-quarters, pigweed, wild mustard, kochia, etc.). Today, The Vapamor Company can supply you with all your fumigation needs.

KEEP OFF DEMOLITION SITE

line of plants, shrubs or trees. Distinguish. Do not use in open lawns where many weeds grow.

On well exposed south facing cold following slopes, if soils are dry (below 60%), it may be observed that the primary drying rate values may be much higher than practice would indicate. A special investigation would be in order to fully assess the thermal weathering.



STAUFFER

VAPAM[®]

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SOIL FUMIGANT SOLUTION FOR ALL CROPS

ACTIVE INGREDIENT

Sodium methyl d-threo-ribarate antivirals

INERT INGREDIENTS

32.7 °

67.3°

100.00

**CAUTION: KEEP OUT OF REACH OF CHILDREN
SEE SIDE PANEL FOR ADDITIONAL CAUTIONS**

NET CONTENTS ONE GALLON

the ground surface. Do not apply to seedbeds, around trees, or where there is a chance of drift onto other crops. Do not apply to areas where there is a chance of drift onto other crops.

USE PRECAUTIONS

DO NOT USE VAPAM ON CROPS THAT ARE SENSITIVE TO CHLORINE. Do not use on trees. Do not use on sensitive crops such as strawberries, citrus, and melons. Do not use in greenhouses where young plants are raised. Do not apply to lawns, gardens, or flower beds.

CULTIVATION AND PLANTING AFTER APPLICATION

Use treated soils of good soil texture which are not excessively wet. Do not cultivate until planting has taken place 14 to 21 days after treatment. If soil is heavy or especially dry in organic matter or remains wet and/or cold below 50°F following application of VAPAM, a minimum interval of 30 days should be observed. On heavy wet soils, light shallow cultivation to break up crusting and remove drying of the soil should be done 5 to 7 days after application. This cultivation may be repeated as necessary. To avoid reinfesting treated soils, cultural practices should be such that untreated soil should not be mixed with treated soil.

SPECIAL INSTRUCTIONS: When treating potting soil, or heavier field soils, including soils high in clay or organic matter, it is especially important that the soil be "loosely" aerated and dry thoroughly after using VAPAM. During cold and/or wet weather, frequent shallow cultivations may aid the escape of VAPAM from the soil. If in doubt, transplant a seedling plant and examine for injury before planting crop.

DIRECTIONS FOR USE

Before applying VAPAM always cultivate thoroughly area to be treated, breaking up clods and loosening soil deeply and thoroughly. A week before treatment, moisten soil after cultivation to the desired depth; sprinkle or flood irrigate. This step is essential for all methods of use. Immediately before application, cultivate lightly if the soil has crusted. To prevent loss from evaporation, use only at times when air temperature is moderate and there is little wind movement. Soil temperature must be in the range of 50°-90°F. at a 3-inch depth. For other conditions, see section, "Cultivation and Planting After Application." Do not apply to the soil surface when air temperature is over 100°F., or when low humidity or high winds would cause loss of VAPAM before it can be ditched into the soil with additional water. If fumes become unpleasant during treatment, apply more water to seal the fumes into the soil where they should be confined to achieve maximum fungicidal action. The activity of VAPAM is increased by the use of a cover of plastic, paper or fabric tarp spread loosely over the treated area. Secure to prevent removal by wind. USE PROMPTLY AFTER MIXING WITH WATER. DO NOT ALLOW SOLUTION TO STAND. Flush all equipment with water after each day's use. Disassemble valves and clean carefully.

NOTICE: California Liquid Fertilizer Company makes no warranty, express or implied, including the warranties of merchantability, and fitness for any particular purpose, concerning this material, except those which are contained on this label.

PACKAGED AND DISTRIBUTED UNDER LICENSE FROM
USDA Reg. No. 7421-5
STAUFFER CHEMICAL COMPANY

A PRODUCT OF

California Liquid Fertilizer Company
10550 RAYMOND AVE., PASADENA, CALIFORNIA
MANUFACTURED 1967



® Registered Trade Mark of Stauffer Chemical Company
U. S. Pat. Nos. 2,766,554; 2,791,605

1. **SOIL TREATMENT:** Add VAPAM to stream of water and mix.

2. **IRRIGATION:** Add VAPAM to stream of water and mix.

3. **ROTARY CULTIVATOR:** Add VAPAM to stream of water and mix.

4. **SPRINKLER:** Add VAPAM to stream of water and mix.

5. **SHREDDER:** Add VAPAM to stream of water and mix.

6. **CEMENT MIXER:** Add VAPAM to stream of water and mix.

7. **SHRUBBER:** Add VAPAM to stream of water and mix.

8. **TREATMENT OF POTTING SOIL:**

1. Spread soil in a smooth layer 1 to 2 inches high on or off ground pre-treated.

2. Sprinkle VAPAM at rate of 1 qt. per 5 gallons of water per 100 sq. ft. surface area.

3. Layers can be treated one on top of another.

4. Sprinkle to layer with sufficient additional water to seal the surface or cover with tarp (plastic, kraft paper, etc.).

CEMENT MIXER:

1. Add VAPAM to soil mix at rate of 1 lb. oz. VAPAM per 2 cu. ft. of soil.

2. After soil is treated and piled, sprinkle water over entire surface to seal in gas.

Or cover with tarp (plastic, kraft paper, etc.).

SHREDDER:

1. Dilute VAPAM in sufficient water to obtain even distribution. As coil is ejected from shredder, spray uniformly on soil stream at rate of 1 lb. oz. VAPAM per 2 cu. ft. of soil.

2. After all soil is treated and piled, apply light water seal to entire surface or cover with tarp.

TREATMENT OF TREE REPLANT SITES:

After removing dead or diseased tree and as much of the root system as possible, make a shallow basin over the planting site. Add VAPAM to the stream of water while filling the basin. Use 1 qt. VAPAM per 100 sq. ft. in sufficient water (depending on tree type) to penetrate at least 6". For control of oak root fungus, use a basin at least 20x20 sq. ft. Increase dosage to 2 qt. VAPAM per 100 sq. ft. in sufficient water to penetrate to the depth of root system. If water is tanked to the planting site, add VAPAM to the water and mix before filling basin.

CAUTION

KEEP OUT OF REACH OF CHILDREN

IRRITATING TO EYES, NOSE, THROAT AND SKIN

Avoid breathing vapor or spray mist. • Do not get on skin, eyes, or clothing. In case of contact, remove contaminated clothing or shoes at once, and flush skin with plenty of water, and apply soothing lotion; for eyes, flush with water for at least 15 minutes and get medical attention. • Wash and dry clothing and shoes before re-use.

HARMFUL IF INHALED OR SWALLOWED

• When applying in enclosed areas, wear a mask or respirator of a type tested by the U. S. Department of Agriculture for VAPAM protection. • Keep children and pets out of treated area. • Do not store near feed or foodstuff. • Keep container tightly closed when not in use. • Do not store below 60°F.

calico
BRAND

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VAPAM[®]

SOIL FUMIGANT SOLUTION FOR ALL CROPS

ACTIVE INGREDIENT:
Sodium methyl dithiocarbamate (anhydrous) 32.7%
INERT INGREDIENTS: 67.3%
..... 100.0%

CAUTION: KEEP OUT OF REACH OF CHILDREN
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NET CONTENTS ONE GALLON

ACCEPTED

8/2/69

