

NET CONTENTS

(front panel)

ONE GALLON

CHEMFORM
MONAM ~~XXXXXX~~ SOIL FUMIGANT

ACTIVE INGREDIENT:

*Sodium methyldithiocarbamate.....31.0%

INERT INGREDIENTS:.....69.0%

Total 100.0%

* 31% sodium methyldithiocarbamate(anhydrous) is equivalent to 39.6% sodium methyldithiocarbamate dihydrate.

This product contains 3 lbs. of active ingredient per gallon (equivalent to 3 lbs.dihydrate)

WARNING: Harmful if inhaled or swallowed, absorbed through skin. Irritating to eyes, nose, throat and skin.

Do not get in eyes, on skin, on clothing.

Avoid breathing vapor or spray mist.

Wear a respirator or mask

Wear goggles, protective clothing rubber gloves and boots.

Keep container tightly closed when not in use.

In case of contact, immediately remove all contaminated clothing and wash skin with plenty of soap and water; flush eyes with water for at least 15 minutes and get medical attention. Wash clothing before re-use.

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GENERAL INFORMATION

Monam Soil Fumigant is recommended for control of certain weeds, soil-borne fungus diseases, nematodes and garden centipedes (in plant beds). It is applied only as a pre-planting treatment to soil in plant propagation beds (ornamentals or vegetables), in new turf areas, and in fields for ornamental plants. The effective vapors which are formed in moist soil must be properly distributed and contained for an adequate period of time, then, finally, dissipated from the soil to permit growth of desirable plants. Therefore, close adherence to recommendations regarding soil preparation, application, sealing and post-application management is necessary for best results.

DIRECTIONS

SOIL PREPARATION - Cultivate soil to promote good penetration of the liquid and maximum distribution of the vapors. Break up clods and prepare soil surface as for planting. With plow-sole method, this should be accomplished during application. Do not apply to dry soil. Apply when soil temperatures range between 50° and 75° F. at a depth of 2 inches. Where weed control is important, the soil should be kept moist for at least 5 days before application to start weed seeds germinating.

PLANTING RATES AND PESTS CONTROLLED;- In general, higher application rates are required to control weeds than are needed for fungous diseases, nematodes or soil arthropod control. For light sandy or sandy loam soils of good tilth and drainage, use the lower dosage of each range specified below. For heavier soils high in clay and/or organic matter, use the higher dosage.

WEED CONTROLS;- Use 1 to 1½ quarts per 100 square feet for control of germinating weed seedlings such as Amaranthus sp., Ls,bs'-quarters, Chickweed, Russian Knapweed, Wild Morning Glory, Purslane, Malva, Dandelion, Ragweed, Bermuda Grass, Nut Grass, Johnson Grass and Water Grass.

SOIL-BORNE FUNGOUS DISEASES;- (for control of damping-off organisms such as Rhizoctonia sp., Fusarium sp., Verticillium, Armillaria and Phytophthora sp.) in plant beds, use ½ to 1 quart per 100 square feet; in fields, as a broadcast treatment, use 10 to 40 gallons per acre (or 2½ to 10 gallons per acre when application is made only to the rows).

NEMATODES, GARDEN CENTIPEDES; * Use rates specified for soil-borne fungous diseases.

METHODS OF APPLICATION

Sprinkling Cans;- Treat only 100 square feet at a time. Add required amount of Monam Soil Fumigant to sprinkling can (see dosage rates above) fill with water, stir and distribute uniformly over measured 100 square foot area. Immediately sprinkle area with enough additional water to wet surface thoroughly.

Hose Proportioner;- Mix amount of Monam Soil Fumigant required to treat 100 square feet in 3 quarts of water, and apply uniformly with a proportioner having a ratio of about 1:15.

Immediately sprinkle area with enough additional water to wet surface thoroughly.

Sprinklers;- Wet area by running sprinklers for 5 to 10 minutes; then inject into sprinkler system over the next 5 to 10 minutes the proper amount of Monam Soil Fumigant required to treat this area.

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Continue sprinkling for for 10 to 30 min ted to seal surface. On very light, sandy soils, one or more light sprinklings would be preferable to a single heavy application, which might wash the chemical too deeply into the soil.

Broadcast Sprayers- Apply at the desired rate as a coarse spray to soil surface. Use undiluted or in enough water to obtain good distribut~~ion~~ in the equipment used. Follow immediately with a rotary-type cultivator, and then sprinkle with enough water to wet surface thoroughly.

Plow-Soles - (use thi~~s~~ method only when good soil-seal is assured): Spray Monam Soil Fumigant on the plow-sole at a depth of 6 to 10 inches just ahead of covering soil. Required amount can be applied undiluted or in enough water to obtain coverage with spray equipment used.

Flood Irrigations- Meter required amount of Monam Soil Fumigant into irrigation water at a steady and continuous rate.

Soil Injections- Use regular soil fumigation equipment to inject Monam Soil Fumigant, diluted or undiluted, 6 to 10 inches deep along the planting row (or on a broadcast basis, space shanks about 8 inches apart). Where soil texture prevents deep injection, space injectors 2 to 4 inches apart and inject 2 to 4 inches deep into well-worked soil.

AFTER APPLICATION

Seals:- In those cases where soil-surface watering is specified above, it is advisable on very light soil s to sprinkle lightly at intervals for a period of 24 to 48 hours to keep surface moist enough to seal in the vapors formed when the chemical contacts the moist soil. For extremely porous beds such as straight sand, gravel, or very loose organic soils, special sealing methods such as covering with a tarpaulin may be required.

Dissipation Of Vapors: Cultivate 5 to 7 days after application to promote escape of vapors. On light-to-medium-textured, well-drained soils, allow an additional 7 to 9 days between this cultivation and planting. On heavy clay and organic soils, at least 14 days should be allowed between cultivation and planting.

IMPORTANT

If subjected to tem; eratures below 20°F., move containers to warm storage until thawed and thoroughly mix before use.

Do not apply within three feet of any desirable plant, nor within the drip line of overhanging trees or shrubs.

Do not use in confined spaces (greenhouses or other enclosures) where desirable growing plants are present.

Do not plant areas sooner than indiacted above as plant injury may result.

Seller makes nor warranty of any kind, express or implied, concerning the use of this product. Buyer assumes all risk of use or handling whether in accordance with directions or not.

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