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"The Right Approach" TO GOOD TURF



PRODUCT
NUMBER 231

CHIPCO[®] MALATHION 50% LIQUID

A Specially Formulated Product Containing 50% Malathion

ACCEPTED
SEP 3 1968
U.S. DEPARTMENT OF AGRICULTURE
NATIONAL PESTICIDE ACTION REGISTER
EPA REG. NO. 477-477

Used as a water-emulsion spray to control certain insects of turf, ornamental trees and shrubs; also for mosquitoes and small flying insects. Packed in 55, 30 and 5 gallon drums; 1 gallon jugs, 4 in case.



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PRODUCT NO.

231

NET CONTENTS
GALLONS

CHIPCO MALATHION 50% LIQUID

For control of certain insects of turf, ornamental trees and shrubs; also adult and larvae mosquitoes and small flying insects as given in the directions.

ACTIVE INGREDIENTS:

Malathion* 50.0%
Aromatic petroleum derivatives 41.0%

INERT INGREDIENTS 9.0%

*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

CAUTION: Keep Out of Reach of Children

CAUTION: Harmful if swallowed. Avoid prolonged breathing of dust or spray mist. Avoid prolonged or repeated contact with skin or clothing, wash thoroughly after using. Avoid contamination of feed and foodstuffs. Keep out of reach of children. Do not use or store near heat or open flame.

Highly toxic to fish. Do not contaminate lakes, streams and ponds by direct application, cleaning of equipment or disposal of wastes and containers.

Destroy container when empty; never re-use. Punch container full of holes or crush it so it cannot be used or salvaged for any purpose.

D I R E C T I O N S

TURF GRASSES IN LAWNS, GOLF COURSES, AND OTHER NON-CROP AREAS: Fleas, Leafhoppers, Leaf Bugs and Mites - use 3 1/2 pts. per acre (1 1/3 fl. oz. per 1,000 sq. ft.) in sufficient water for thorough coverage. Spray grass thoroughly when insects are noticed. Sprinkle lightly with water to wash chemical down around crowns of plants. Do not water again for several days, then sprinkle grass thoroughly to wash chemical off grass. One application may control pests for several weeks. Repeat application if necessary.

Ants - use 1 1/4 pts. in 100 gals. water (2 1/2 table spoonfuls in 5 gals.). Spray lightly over infested areas. Repeat in 10-15 days if ants return.

ORNAMENTAL TREES AND SHRUBS: Make thorough full coverage applications when insects appear and repeat as necessary.

Oyster Shell Scale - use 1 1/4 pts. per 100 gals. water; apply when crawlers have settled on foliage. **Lace Bugs** - use 1 1/4 pts. per 100 gals. **Euonymus Scale** - use 1 1/4 to 1 3/4 pts. per 100 gals. water. **Aphids, Mealybugs, Spider Mites, White Flies** - use 1 3/4 pts. per 100 gals. water. **Birch Leaf Miners, Boxwood Leaf Miners, Bagworms, Tent Caterpillars, Azalea Scale, Pine Leaf Scale** - use 2 1/2 pts. per 100 gals. water. **Black Scale Crawlers** - use 2 3/4 pts. per 100 gals. water. **Pine Needle Scale** - use 4 3/4 pts. per 100 gals. water.

Note: Injury may occur on certain ferns and on some species of crassula and canaert juniper.

MOSQUITOES AND SMALL FLYING INSECTS: Outdoors - use 2% to 5% malathion spray. As a 2% spray dilute Malathion 50% Liquid 1 1/4 to 28 parts water, fuel oil or diesel oil. When using kerosene type solvent as carrier, dilute 1 1/2 part malathion in 28 parts of a mixture consisting of 4 parts kerosene-type solvent and 1 part aromatic hydrocarbon type solvent. For 5% spray dilute 1 1/4-11 using similar solvents. Repeat applications as necessary. Avoid applying oil-based formulations to valuable ornamental plants as injury may occur.

MOSQUITO LARVAE IN STANDING WATERS: Apply at rate of 1 pt. per acre. Mix in sufficient water or oil to obtain even coverage when applied by air or ground equipment. Do not apply where fish are important resources. Application at these rates will kill fish.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not profitably recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material. Do not store in accordance with directions given here with.

Do NOT Store with Foodstuffs

Atlanta, Ga.
Bound Brook, N. J.
Chicago, Ill.
N. Kansas City, Mo.

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