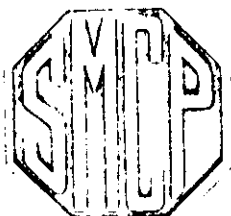


Best copy
available

6720-17

07/31/1974

1/4



MALATHION 50%

An Emulsifiable Concentrate containing
4.33 lbs of Actual Malathion per Gallon

ACTIVE INGREDIENTS:	BY WEIGHT
Malathion (0,0-Dimethyl Dithiophosphate of diethyl mercaptosuccinate)	50.00 %
Xylene	42.20 %
INERT INGREDIENTS:	7.80 %
TOTAL	100.00 %

CAUTION: KEEP OUT OF REACH OF CHILDREN.

SEE SIDE PANEL FOR OTHER CAUTIONS.
U.S.D.A. Registration Number 6720-17



ACCEPTED

6720-17

JUL 31 1974

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 6720-17 SUBJECT
TO ATTACHED COMMENTS.



ANIMALS

BEEF CATTLE: LICE — 1 1/4 gallons to 100 gallons of water or 8 oz. per 5 gallons of water.

TICKS — 1 - 2 gallons per 100 gallons of water or 8 - 16 oz. per 5 gallons of water.

HORN FLY — 1 - 1 1/2 gallons to 100 gallons of water or 8 - 16 oz. per 5 gallons.

Apply complete coverage spray. One treatment may be sufficient. Repeat application only as needed at 2 week intervals.

DAIRY CATTLE (Non-lactating) use 1 - 1 1/2 gallons per 100 gallons of water for dip or spray. DO NOT spray during lactation or within two weeks of freshening. DO NOT apply to calves under one month of age. DO NOT apply to lactating dairy cattle.

SWINE: LICE — 1 1/4 gallon to 100 gallons of water or 8 oz. per 5 gallons of water. Apply as a complete spray to animals, pen and litter. One treatment may be sufficient. Repeat applications only as needed.

Sprayed hogs should be kept out of sun and wind for a few hours after treatment.

POULTRY

CHICKENS, DUCKS, GEESE, TURKEYS — For Northern Fowl Mite, Poultry Lice, Chicken Red Mite use at the rate of 2 1/2 lbs. per 1 gallon of water per 100 - 150 birds as direct application. Repeat application in 4 - 8 weeks or when necessary.

As a Roost Paint for control of poultry lice use 5 lbs. per gallon of water at rate of 1 pint per 150 ft. of roost. Repeat as needed.

As a premise treatment for control of poultry lice use 5 lbs. per 1 gallon of water. Apply liberally to all surfaces. Repeat as needed.

DOGS & CATS

DIRECT APPLICATION

Sprays

For control of fleas apply spray of 1 1/2 oz. of Malathion 50% Emulsifiable Liquid per 1 gal. of water. Wet the animal thoroughly using a hand sprayer.

If the animal has free run, treatments may have to be made every second or third week. To avoid unnecessary applications, animals should be closely examined for fleas before re-treating. If the animal is confined to an area free of fleas, one treatment may be sufficient.

Do not treat kittens or puppies under 4 weeks of age.

ANIMAL QUARTERS

Sprays

For control of fleas in kennels, pens, yards, lawns and under houses. Remove manure or debris.

Use spray of 8 ozs. of 50% Emulsifiable Liquid per 1 gal. of water at rate of 1 gal. per 1000 sq. ft. Use garden sprayer.

ORNAMENTALS

For Oyster Shell Scale and Lace Bugs, use 1 1/4 pints. For Spider Mites, Aphids, White Flies, Mealybugs, Thrips, Japanese Beetle, European Pine Shoot Moth, Four-lined Plant Bug, Lined Plant Bug, Rose Leafhopper, Potato Leafhopper, Scaly Scale and European Scale use 1 1/4 pints. For Bagworm, Tent Caterpillar, Rosebud Leaf Miner, Birch Leaf Miner, Oak Gnomes, Florida Red Scale, Elm

cher Scale, Juniper, Azalea Bark and Magnolia Scales, use 2 1/2 pints.

For Black Scale Crawler, Soft

Brown and Monterey Pine Scale, use 3 pints. Apply thorough full coverage sprays as needed. NOTE: Do not apply to Petunias, certain Ferns (including Boston, Maidenhair, Pteris) and some species of Crassula, since plant injury may occur.

All above rates per 100 gallons of water.



HOUSEHOLD INSECTS

APPLICATION IN NON-FOOD AREAS: For control of Ants, Clover Mites, Crickets, Earwigs, Pantry Pests (the exposed stages of Saw-toothed Grain Beetle, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drug Store Beetle and Indian Meal Moth), Roaches, Scorpions, Silverfish and Spiders, use Malathion 50% at the rate of 8 fluid ounces per gallon of water. Apply with coarse spray or paint brush around window frames, baseboards, under sinks, refrigerator, stoves, drainboards and in cracks and crevices frequented by these insects.

APPLICATION WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS:

Limited to Crack and Crevice Treatment Only - Apply a small amount of insecticide with a thin pin stream directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where Ants, Cockroaches, Silverfish, and Spiders hide. Apply as a 2% spray.

CARE SHOULD BE TAKEN TO AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES OR INTRODUCING THE MATERIAL INTO THE AIR. AVOID CONTAMINATION OF FOOD OR FOOD PROCESSING SURFACES. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

BEDBUGS: For the control of Bedbugs in dwellings use Malathion 50% at a rate of 1 to 2 fluid ounces per gallon of deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to "mist" fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Repeat applications as necessary.

MOSQUITOES AND SMALL FLYING INSECTS

OUTDOORS: Use 2% - 5% Malathion fog, aerosols or mist sprays. As a spray dilute 50% Emulsifiable Liquid 1 to 24 parts of water, fuel oil or diesel oil. When using kerosene type solvent as carrier, dilute 1 part of 50% Emulsifiable Liquid in 28 parts of a mixture consisting of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent. For 5% dilute 1 - 10 using similar solvents. Repeat applications as necessary.

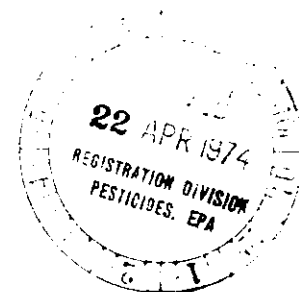
Avoid applying oil-based formulations to valuable ornamentals plants as injury may occur.

The fog spray should be directed around areas having puddles, stagnant water, or accumulated debris, and should not be used too close to dwellings, or vehicles where residues could be undesirable.

Treatment of shallow fish bearing waters at recommended application rates will kill fish.

Mosquito larvae in standing water

Apply 50% Malathion Emul. Liquid at rate of 15 fluid ounces (approximately 1/2 pound actual Malathion) per acre only in intermittently flooded areas, stagnant water, temporary rain pools, sloughs and log ponds. Mix in sufficient water or oil to obtain even coverage when applied by air or ground equipment.



INDOORS: Mix 1 oz. Malathion 50% Emulsifiable Liquid with 1 1/2 pints of water for a 2% spray. Use a 2% Malathion liquid space and contact spray for indoor insect control.

Rooms should be thoroughly misted to envelop insects present and should be kept closed for 5 - 10 minutes. Do not remain in treated areas. Ventilate the area after treatment is completed. Sweep up and destroy fallen insects. Do not contaminate food, dishes or utensils. Do not apply oil-based spray directly to flowers or other ornamental plants in the home.

CAUTION

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin; wash thoroughly after handling. Keep out of reach of children. Avoid contamination of food and feedstuffs. Allow 1 - 2 hours for the bed to dry before putting on sheets or occupying it.

Do not treat kittens or puppies under 4 weeks of age. Remove pets, birds and cover fish aquariums before spraying.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies. Do not reuse empty drum. Return to drum reconditioner or destroy it by perforating or crushing and burying in a safe place.

NOTICE: Seller's guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to persons or property arising out of use or handling, and accepts the product on these conditions.

