

DILUTION DIRECTIONS

THERMAL FOGGING AND MIST SPRAYING OILS

For mosquito control work with thermal fogging and mist spraying equipment use a 3% to 5% Malathion concentration in #2 fuel oil. The addition of 3% of a "knock down agent" such as Lethane will give faster, more positive results.

For a 3% Malathion fogging or mist spraying oil add 1 part of MALATHION 50 OS with 22 parts fuel oil.

To make 5% Malathion fogging or mist spraying oil add 1 part MALATHION 50 OS to 13 parts of #2 fuel oil.

Thiosperse used at the rate of 0.1% to 0.5% based on final formulations increases the solubility of Malathion in fuel oil and prevents sediment formation.

Fogging compounds and mist spraying compounds of up to 5% concentration of Malathion can be made in #2 fuel oil without using co-solvents.

NOTICE

Dilute MALATHION 50 OS with mineral seal oil, deodorized aliphatics or kerosene type petroleum oils. MALATHION 50 OS contains safe aromatic solvents for dilution with above oils.

MOSQUITO CONTROL

AIRPLANE APPLICATION

Apply 3% to 5% Malathion in fuel oil at the rate of 1-2 lb. actual Malathion per acre. For best results spray at least 1 gallon liquid per acre. Repeat as necessary.

MIST SPRAYING AND LARVICIDING

Apply a 2% to 5% Malathion in fuel oil at the rate of 1-2 lb. of actual Malathion per acre. Repeat as necessary.

THERMAL FOGGING

For maximum effectiveness general outdoor fogging should be carried out only under surface inversion conditions which usually exist only from one hour after sunset, through the night, and until sunrise. During this time, providing the wind velocity is under 3-4 miles per hour, the fog will remain in the area and close to the ground the required time to be fully effective. Outdoor fogging, in windy (over 4 mph) weather will be ineffective as the tiny fog particles will be too widely dispersed by the wind. Repeat as necessary.

Avoid applying oil based insecticides to ornamental plants as injury may occur. Malathion may be toxic to certain species of fish particularly in shallow water.

DILL

MALATHIO

AN OIL SOLUBLE MALATHION CONCENTRATION PER GALLON, FOR GENERAL PESTICIDAL TREATING THERMAL FOGGING AND MIST SPRAYING CONTROL WORK.

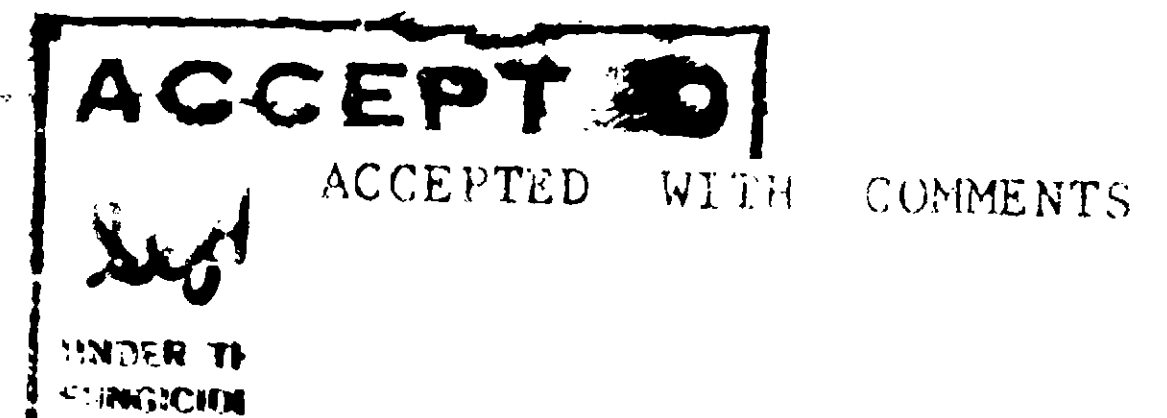
contains

ACTIVE INGREDIENTS 100%

Malathion*
Aromatic Petroleum Distillate.....

* (O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinic acid)

MANUFACTURED BY THE
1407 RAVINE ROAD, KALAMAZOO, MICH.



MOSQUITO CONTROL

PLANE APPLICATION

Apply 3% to 5% Malathion in fuel oil at a rate of 1 2 lb. actual Malathion per acre. For best results spray at 1 gallon liquid per acre. Repeat as necessary.

SPRAYING AND LARVICIDING

Apply a 2% to 5% Malathion in fuel oil at a rate of 1 2 lb. of actual Malathion per acre. Repeat as necessary.

THERMAL FOGGING

For maximum effectiveness general out-fogging should be carried out only under surface inversion conditions which normally exist only from one hour after sunset, through the night, and until sunrise. During this time, providing wind velocity is under 3-4 miles per hour, the fog will remain in the valley and close to the ground the required time to be fully effective. Out-fogging, in windy (over 4 mph) weather will be ineffective as the tiny particles will be too widely dispersed by the wind. Repeat as necessary.

When applying oil based insecticides to ornamental plants as injury may occur. Malathion may be toxic to certain species of fish particularly in shallow water.

CAUTION!
Keep Out of Reach of Children!
See side panel for additional cautions.

CAUTION - Harmful or absorbed through the skin or spray mist. Avoid contact with clothing. Wash thoroughly with water after using. Do not feed and foodstuffs. Keep out of reach of animals. Malathion, prolonged careless use may cause inhibition. If accident occurs, get prompt medical aid. Do not contaminate water supply or drinking water. Remove all buildings before treatment.

DILL

USDA Reg. No. 6900-18

MALATHION 50-0S

AN OIL SOLUBLE MALATHION CONCENTRATE CONTAINING 4.5# OF MALATHION PER GALLON, FOR GENERAL PEST CONTROL USE AND FOR FORMULATING THERMAL FOGGING AND MIST SPRAYING OILS FOR MOSQUITO CONTROL WORK.

contains

ACTIVE INGREDIENTS 100%	By Wt.
Malathion*	50.0%
Aromatic Petroleum Distillate	50.0%
Total	100.0%

* (O,C-Dimethyl dithiophosphate of diethyl mercaptosuccinate)

MANUFACTURED BY THE J. J. DILL COMPANY
1407 RAVINE ROAD, KALAMAZOO, MICHIGAN P. O. BOX 788

CAUTION
Combustible liquid, do not use or store near heat or open flame.

NOTICE
Rinse equipment and wash wastes by burying in soil (not from water supplies. Do not dispose of by punching holes in containers with wastes, or by burning (smoke).

CAUTION
Highly toxic to fish. Do not pollute body of water, by direct discharge of equipment or disposal of containers.

Lot No.

THE J. J. DILL COMPANY
Manufacture Office and warehouse
1407 Ravine Road
Mail address -
P. O. Box 788, Kalamazoo, Michigan

ACCEPTED
Sept 23 1960
UNDER THE FEDERAL INSECTICIDE ACT

6900-18

Net contents

CAUTION!
 Keep Out of
 Reach of Children!
 See side panel for
 additional cautions.

CAUTION - Harmful if inhaled, swallowed, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after using. Avoid contamination of feed and foodstuffs.

Keep out of reach of children and domestic animals. Malathion, upon repeated or prolonged careless use may cause cholinesterase inhibition. If accidental poisoning occurs, get prompt medical aid. Atropine is antidotal.

Do not contaminate milk, milking equipment, feed or drinking water. Do not apply on animals. Remove animals and poultry from buildings before treating.

DILUTION DIRECTIONS

GENERAL PEST CONTROL WORK

For general pest control work use 3% Malathion made by diluting one part MALATHION 50 OS with 22 parts kerosene type solvent which should include one part aromatic type solvent and four parts deodorized kerosene.

DIRECTIONS FOR USE

For the control of roaches, ants, spiders, silverfish, crickets, clover mites, and earwigs in about homes, dairies, and food processing plants apply diluted solution as a coarse spray.

Thoroughly treat door and window casings, baseboards, sinks, and all cracks and crevices and other areas frequented by insects. Treatment of ground adjacent to buildings, foundations and lower side walls will aid in the control of ants, spiders, mites, and crickets. Repeat as necessary.

FOR FLY CONTROL IN AND AROUND FARM BUILDINGS AND DAIRY BARN

Apply the spray at the rate of one gallon per 1000 square feet on painted surfaces and two gallons per 1000 square feet on unpainted surfaces where flies alight or congregate; walls, ceilings, stanchions, window sills, fences, etc. Use a large droplet spray that wets all surfaces to the point of run off. Repeat as necessary.

USDA Reg. No. 6900-18

CAUTION

Combustible liquid, do not use, spill, pour, or store near heat or open flame.

NOTICE

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed by punching holes in them and burying with wastes, or by burning (Keep out of smoke).

CAUTION

Highly toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

Lot No.

THE J. J. DILL COMPANY
 Manufacturers and distributors

Office and warehouse -
 1407 Ravine Road - (616) 349-7755
 Mail address -
 P. O. Box 788, Kalamazoo, Mich. 49005

50-OS

E CONTAINING 4.5# OF MALA-
 CONTROL USE AND FOR FORMU-
 RAYING OILS FOR MOSQUITO

	By Wt.
.....	50.0%
.....	50.0%
Total	100.0%

J. DILL COMPANY
 MICHIGAN P. O. BOX 788

Net contents

Gallons