6720-207

7-7-1973

MALATHION ULV* CONCENTRATE

Insecticide

ACTIVE INGREDIENT:	
Malathion**	95%
INERT INGREDIENTS:	5%
TOTAL	100%

**O,O-dimethyl phosphorodithioate of diethyl Mercaptosuccinate
(One gallon contains 9.7 pounds of malathion)

*Trademark

CAUTION: KEEP OUT OF REACH OF CHILDREN

SEE RIGHT PANEL FOR OTHER CAUTIONS.

E.P.A. Registration Number 6720-207

MANUFACTURED BY

Southern MILL CREEK PRODUCTS COMPANY, Inc.

TAMPA, FLORIDA

DIRECTIONS FOR USE

MALATHION ULV CONCENTRATE is used undiluted for ultra-low volume aerial application to control grasshoppers, cotton boll weevil, beet leafhopper and cereal leaf beetle as specified below. Aerial applications should be made at altitudes of 20 to 25 feet.

NOTE: MALATHION ULV CONCENTRATE may cause spotting on automobile paint finish if prolonged exposure is permitted. Cars should not be sprayed directly. If accidental exposure does occur, the car should be washed immediately.

GRASS: PASTURE AND RANGE: For control of grasshoppers on pasture and range grass, apply **8 fluid ounces** of MALATHION ULV CONCENTRATE per acre. Repeat application as necessary.

May be grazed or harvested on day of application.

COTTON: For control of boll weevil on cotton, use **8 to 12 fluid ounces** of MALATHION ULV CONCENTRATE per acre. Repeat application as necessary.

CEREAL CROPS AND GRASSES: For control of cereal leaf beetle on cereal crops and grasses, use **4 to 8 fluid ounces** of MALATHION ULV CONCENTRATE when adult beetles become active in the Spring. Repeat application at the higher rate within 7 to 14 days for control of adults and young larvae.

Make no application on cereal crops within 7 days of harvest or forage use. On grasses, may be applied on day of harvest or grazing.

NONAGRICULTURAL LAND: For control of beet leafhopper on wild host plants, use **8 fluid ounces** of MALATHION ULV CONCENTRATE per acre.

(CONSULT LOCAL AGRICULTURAL AUTHORITIES FOR PROPER TIMING OF SPRAYS.)

Before using MALATHION ULV CONCENTRATE for the preparation of malathion insecticides, manufacturers should consult American Cyanamid Company for manufacturing and safe handling instructions.

CAUTION

HARMFUL BY SWALLOWING, INHALATION OR SKIN CONTACT. Avoid breathing spray mist. Avoid contact with skin. Wash thoroughly after handling. Change contaminated clothing.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

DISPOSAL OF DRUMS: Drain drum completely. Add 5 gals. of water, 1 cup detergent and 2 lbs. of lye. Tighten bungs. Rotate container to wet all surfaces and let stand for at least 15 minutes. Drain completely. Tighten bungs. Transport to a professional drum reconditioner having burning equipment for reconditioning. As an alternative, puncture, crush and bury drum at least 18 inches deep in an isolated area away from water supply.

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.

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MALATHION ULV CONCENTRATE can be effectively applied with conventional aircraft spray equipment by making a few minor modifications in the plumbing and boom assembly.

PUMP

Pumps capable of producing pressures of 40 to 50 psi will be satisfactory. A bleed line, at least 3/16 inch in diameter should be installed on the high point of the impeller chamber to release trapped air. This line should bleed back to the top of the tank above the liquid level.

BY-PASS

A by-pass is required from the spray pump outlet to the spray pump inlet. This line must be equal in diameter to the pump outlet and should contain a valve controllable from the cockpit that will permit adjustments of boom pressure in flight. The by-pass commonly used to recirculate MALATHION ULV CONCENTRATE to the spray tank must be closed to avoid aeration of the insecticide.

BOOM AND NOZZLE PLACEMENT

The distance between the left and right outboard nozzles should be at least ¾ of the wing span. The total number of nozzles used should be equally spaced across this span if the aircraft is flown at twenty feet or higher. Trailing edge booms are desirable and the nozzle should be placed on boom where pilot can readily see them to check any plugging of nozzles during spray operation. A bleed line at least 3/16 inch in diameter should be attached to the outer end of each boom and routed back to the top of the spray tank but above the liquid level. This line will bleed off pressure and assure sharp cut-off. If a nozzle is placed at each end of boom, as many Ag Cat spray booms are assembled, this line is not necessary.

NOZZLES

Use at least 4 to 6 flat fan nozzles, such as Spraying Systems 8001, 80015 or 8002 for small aircraft, such as Piper Pawnees and Stearmans. For aircraft operating at 150 mph or faster, use 10 to 14,8010 or 8015 flat fan nozzles. Nozzles should be pointed straight downward on small aircraft and straight back for faster aircraft. Use 100 mesh screens with 8001, 8015 or 8002 nozzles and a large-volume 50-mesh screen should be used in spray systems. No screens are required for the 8010 or 8015 nozzles. Diaphram check valves should be used on each nozzle to insure positive cut-off of spray during flight. DO NOT use cone nozzles.

Rotary atomizers, commonly known as Mini-Spin nozzles, developed by the Plant Pest Control Division, USDA, can be substituted for the flat fan nozzles. Use the same flat fan nozzle tips as mentioned above when using the Mini-Spin nozzle.