



AXON CORPORATION

MALATHION

ULV CONCENTRATE
PREMIUM GRADE
INSECTICIDE

CAUTION KEEP OUT OF REACH OF CHILDREN

Active ingredient:

*Malathion 95%

Inert ingredients: 5%

*(O,O-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate)
(One gallon contains 9.7 pounds of Malathion)

"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, shrimp, and crabs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoffs 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."

HARMFUL BY SWALLOWING, INHALATION, OR SKIN CONTACT

*Avoid Breathing Spray Mist
Wash Thoroughly After Handling*

*Avoid Contact With Skin
Change Contaminated Clothing*

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

MANUFACTURED BY
AXON CORPORATION
MEMPHIS, TENNESSEE

ACCEPTED
SEP 15 1977
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER
NUMBER NO. 34771-6

On soybeans, make no application within 7 days of harvest or forage use; on corn, within 5 days of harvest or forage use.
On safflower, make no application within 3 days of harvesting seeds.
On sugar beets, make no application within 7 days if tops are to be used for food.

BLUEBERRIES (grown in Michigan and Indiana):

For Control of blueberry maggot on blueberries, apply 10 fluid ounces of MALATHION ULV CONCENTRATE per acre. Apply uniformly and repeat application as necessary.
No waiting period is necessary between last application and harvest.

GRASSES:

For control of cereal leaf beetle on grasses, apply 8 fluid ounces of MALATHION ULV CONCENTRATE when adult beetles become active in the Spring. Repeat application 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.

CORN:

For control of adult corn rootworm on corn, apply 4 fluid ounces of MALATHION ULV CONCENTRATE per acre. Repeat application as necessary. Make no application on corn within 5 days of harvest or forage use.

ALFALFA, CLOVER, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, BEANS, RICE, TOMATOES AND NONAGRICULTURAL LANDS (wastelands, roadsides, soil bank lands):

Adult mosquitoes and flies - Apply MALATHION OLV CONCENTRATE at the rate of 2 to 4 fluid ounces for control of adult mosquitoes and at 6 to 8 fluid ounces per acre for control of adult flies. Repeat applications as necessary.
On alfalfa, clover, pasture and range grass, grass and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom.
On corn make no application within 5 days of harvest or forage use; on rice, within 7 days of harvest; on beans and tomatoes, within 1 day of harvest.

NONAGRICULTURAL LANDS:

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

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

Before using MALATHION ULV CONCENTRATE for the preparation of malathion insecticides, manufacturers should consult AXON CORPORATION for manufacturing and handling instructions.

DISPOSAL OF DRUMS: Drain drum completely. Add 5 gallons of water, 1 cup of detergent and 12 pounds of lye. Tighten bungs. Rotate drum to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Tighten bungs. Transport to a professional drum reconditioner having burning equipment for reconditioning.

**COMBUSTIBLE MIXTURE, KEEP AWAY FROM OPEN FLAME
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME**

SELLER makes no warranty, express or implied, concerning the use of this product other than indicated on the label. BUYER assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

EPA Reg. No. 34771-6

EPA Est. No.

DO NOT USE THIS CONTAINER FOR ANY PURPOSE

34771-6

9-15-1977

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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.

ROOM AND NOZZLE PLACEMENT

The distance between the left and right outboard nozzles should be at least 3/4 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 nozzles 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 pressures and assure sharp cut-off. If a nozzle is placed at each end of boom as many Ag Cat spray booms are assembled, this bleed 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, 80015 and 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. Diaphragm 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 nozzles.

DIRECTIONS FOR USE

MALATHION ULV CONCENTRATE is used undiluted for ultra-low volume aerial applications to control adult corn rootworm, beet leafhopper, blueberry maggot, cereal leaf beetle, cotton boll weevil, flies, grasshoppers and mosquitoes 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.

ALFALFA, CLOVER, COTTON, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, SAFFLOWER, SOYBEANS, SUGAR BEETS AND NON-AGRICULTURAL LANDS (wastelands, roadsides, soil bank lands):

For control of grasshoppers, apply 8 fluid ounces of MALATHION ULV CONCENTRATE per acre. Repeat applications as necessary.

On alfalfa, clover, pasture and range grass, grass and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom.

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U.S. GALLONS