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MALATHION LV CONCENTRATE can be effectively applied with conventional aircraft spray equipment by making a few minor modifications in the spray pump and nozzle assembly.

PUMP

Operating pressures of 10 to 15 psi will be satisfactory. A bleed line at least $\frac{1}{4}$ inch in diameter should be fastened on the high pressure side of the pump outlet to release trapped air. This line should be connected 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 LV 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 $\frac{1}{4}$ 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 cone 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 $\frac{1}{4}$ 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 the end of the 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 larger aircraft. Use 100 mesh screens with 8001, 80015 and 8002 nozzles and a large volume 10 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.

Relay 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.

DIRECTIONS FOR USE

The following directions are supplied by us and are believed to be reliable but are in no way guaranteed.

MALATHION LV 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 10 to 20 feet.

NOTE: MALATHION LV 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, GRAIN CROPS, SAFFLOWER, SOYBEANS, SUGAR BEETS AND NONAGRICULTURAL LANDS (wastelands, roadsides, soil bank lands):

For control of grasshoppers, apply 8 fluid ounces of MALATHION LV 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. (Directions continued on opposite side)

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NET CONTENTS



MALATHION LV* CONCENTRATE

Insecticide

CAUTION--Keep out of reach of children

For Additional CAUTION Information See Label

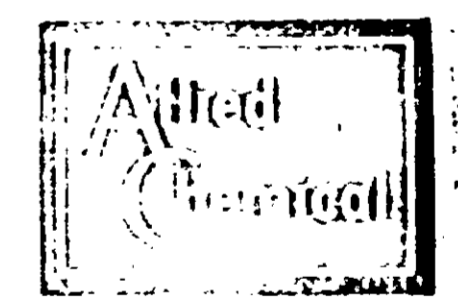
USDA Reg. No. 218--

*Trademark

Active Ingredient: Malathion**

Inert Ingredients

**O,O-dimethyl phosphorodithioate of diethylmercaptan
(One gallon contains 9.1 pounds of active ingredient)



See Label for Directions

AG-CAT
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NET CONTENTS



5 GALLONS

MALATHION LV* CONCENTRATE

Insecticide

CAUTION—Keep out of reach of children

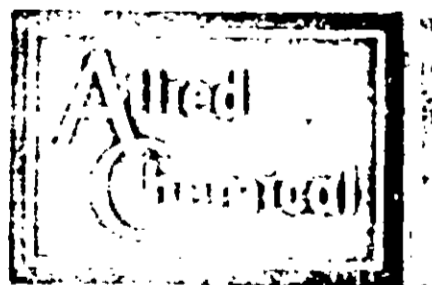
For Additional CAUTION Information See Side Panel

USDA Reg. No. 218-

*Trademark of American Cyanamid Company

Active Ingredient:		
Malathion**	95%	
Inert Ingredients	5%	

**O,O dimethyl phosphorodithioate of diethyl mercaptoacetic acid.
(One gallon contains 9.7 pounds of malathion)



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NITROGEN DIVISION
40 BECTON STREET, NEW YORK, N. Y., U. S. A.

(Directions continued from opposite side)

On grain crops and 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 or feed.

BLUEBERRIES (grown in Michigan and Indiana)

For control of blueberry maggot on blueberries, apply 10 fluid ounces of MALATHION LV CONCENTRATE per acre. Apply uniformly and repeat applications as necessary.

No waiting period is necessary between last application and harvest.

CEREAL CROPS AND GRASSES

For control of cereal leaf beetle on cereal crops and grasses, apply 4 to 8 fluid ounces of MALATHION LV 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.

CORN

For control of adult corn rootworm on corn, apply 4 fluid ounces of MALATHION LV CONCENTRATE per acre. Repeat applications as necessary.

Make no application on corn within 5 days of harvest or forage use.

COTTON

For control of boll weevil on cotton, apply 8 to 12 fluid ounces of MALATHION LV CONCENTRATE per acre. Repeat applications as necessary.

ALFALFA, CLOVER, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, GRAIN CROPS, BEANS, RICE, TOMATOES AND NON-AGRICULTURAL LANDS (wastelands, roadsides, soil bank lands)

Adult mosquitoes and flies—Apply MALATHION LV CONCENTRATE at rate of 2 to 4 fluid ounces for control of adult mosquito and 6 to 8 fluid ounces per acre for control of adult flies. Repeat applications as necessary. On alfalfa, clover, pasture and range grass, grain and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom.

On grain crops, make no application use, on corn, within 5 days of harvest or forage use; on beans and tomatoes, within 7 days of harvest.

NONAGRICULTURAL USES

For control of leaf beetles on alfalfa, apply 10 fluid ounces of MALATHION LV CONCENTRATE per acre. Repeat applications as necessary. Consult your State Agricultural Extension Office for Agricultural Extension Office for timing of sprays.

Before using MALATHION LV CONCENTRATE, consult the manufacturer for malathion insecticides, manufacturer's instructions and safe disposal for manufacturing and safe disposal.

DISPOSAL OF DRUMS: Drain drum with 1 cup of detergent and 2 pounds of detergent. Wash all surfaces and let stand for 24 hours. Rinse several times with water and professional drum conditioner for conditioning.

CAUTION

KEEP AWAY FROM CHILDREN

HARMFUL BY SWALLOWING.

Avoid Breathing

Avoid Prolonged or Repeated

Wash Thoroughly

Change Clothing

Do Not Contaminate

Highly toxic to fish. Do not use for direct application, cleaning of fish tanks and ornamental ponds.

Seller makes no warranty of any kind for the use of this product. Buyer assumes all liability for use, whether in accordance with directions or otherwise.

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