

CAUTION

HARMFUL BY SWALLOWING, INHALATION, OR SKIN CONTACT—If accidental poisoning occurs, get prompt medical attention. Antidote: Atropine. Avoid breathing spray mist. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Change contaminated clothing. Do not contaminate food or feed products. Highly toxic to fish. Fish may be killed at the 6 to 8 ounce per acre rate of application. Do not contaminate any body of water, by direct application, cleaning of equipment, or disposal of wastes and containers. Do not dispose of any unused material in such a manner that contact with humans and beneficial animals may occur.

AMOCO Malathion LV 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 1/16 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 AMOCO 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 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 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 1/16 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 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 nozzle.

USDA REG. NO. 1145-101
(016)

AMOCO

Malathion LV* Concentrate

Insecticide



AMERICAN OIL

MADE FOR AMERICAN OIL COMPANY • CHICAGO, ILL.

ACCEPTED

Jun 20, 1967

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND ROENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 1145-101

WITH COMMENTS

CAUTION KEEP OUT OF REACH OF CHILDREN
SEE OTHER CAUTION STATEMENTS ON SIDE PANEL

DIRECTIONS FOR USE

AMOCO 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 20 to 25 feet.

NOTE: AMOCO 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

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| ACTIVE INGREDIENT (by weight) | |
| Malathion** | 95.0% |
| INERT INGREDIENTS (by weight) | 5.0% |
| TOTAL | 100.0% |

**0, 0-dimethyl phosphorodithioate of diethyl mercaptosuccinate

1 gallon of AMOCO Malathion LV Concentrate contains 9.7 pounds of malathion

ounces of AMOCO 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.

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.

Net Contents

U.S. GALS.

On sugar beets, make no application used for food or feed.

BLUEBERRIES (grown in Michigan Blueberry Maggot on blueberries, apply Malathion LV Concentrate per acre. Applications as necessary.

No waiting period is necessary between

CEREAL CROPS AND GRASSES: For on cereal crops and grasses, apply 4 Malathion LV Concentrate when Adult Spring. Repeat application at the high control of adults and young larvae.

Make no application on cereal crops in use. On grasses, may be applied on day

CORN: For control of Adult Corn Rootworm, apply 4 ounces of AMOCO Malathion LV Concentrate as necessary. Make no application on corn for harvest or forage use.

COTTON: For control of Boll Weevil, apply 4 ounces of AMOCO Malathion LV Concentrate as necessary.

ALFALFA, CLOVER, PASTURE AND RANGE GRASS, GRASS AND GRASS HAY, GRAIN CROPS AND NONAGRICULTURAL LANDS (soil bank lands): Adult Mosquito

Malathion LV Concentrate at the rate of 8 fluid ounces of Adult Mosquitoes and at 6 to 8 fluid ounces of Adult Flies. Repeat applications as necessary on range grass, grass and grass hay, or grazing. Do not apply to alfalfa or grain crops, make no application in use; on corn, within 5 days of harvest days of harvest; on beans and tomatoes

NONAGRICULTURAL LANDS: For wild host plants, use 8 fluid ounces of Malathion LV Concentrate per acre.

Consult the State Agricultural Extension Service concerning proper timing of sprays. Keep out of lakes, ponds, and streams.

DISPOSAL OF EQUIPMENT

Drain drum completely. Add 5 pounds of detergent, and 2 pounds of lye. Wash to wet all surfaces and let stand 24 hours. Rinse completely and rinse several times. Transport to a professional drum cleaning equipment for reconditioning.

NON-WARRANTY

AMERICAN OIL COMPANY warrants to the chemical descriptions on the label, express or implied (including merchantability), with reference to the contents of this product. No person has any other warranty or guarantee that is not contained

*AMERICAN CYANAMID COMPANY

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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

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| ACTIVE INGREDIENT (by weight) | |
| Malathion** | 95.0% |
| INERT INGREDIENTS (by weight) | 5.0% |
| TOTAL | 100.0% |

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1 gallon of AMOCO Malathion LV Concentrate contains 9.7 pounds of malathion

ounces of AMOCO 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. 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.

Net Contents

U.S. GALS.

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 AMOCO 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 AMOCO 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 AMOCO 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 AMOCO 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 NONAGRICULTURAL LANDS (wastelands, roadsides, soil bank lands): Adult Mosquitoes and Flies—Apply AMOCO Malathion LV 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 grain crops, make no application within 7 days of harvest or forage use; on corn, 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 AMOCO Malathion LV Concentrate per acre.

Consult the State Agricultural Extension Service or Experiment Station concerning proper timing of sprays.

Keep out of lakes, ponds, and streams.

DISPOSAL OF EMPTY CONTAINERS

Drain drum completely. Add 5 gallons of water, 1 cup of detergent, and 2 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.

NON-WARRANTY NOTICE

AMERICAN OIL COMPANY warrants this product to conform to the chemical descriptions on this label but makes no other warranty, express or implied (including a warranty of merchantability), with reference to the results or effects of the use of this product. No person has authority to make any warranty or guarantee that is not contained on this label.

*AMERICAN CYANAMID COMPANY TRADE MARK

MADE IN U.S.A.

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ACCEPTED
JUN 20, 1967
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON, REGISTERED
UNDER NO. 1145-101

WITH COMMENTS

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