

*BEST AVAILABLE COPY*

Before using, read the directions for the proper methods and procedures which must be followed to achieve effective insect control and avoid permanent damage to automobile and other paint finishes.

**AGRICULTURAL USES  
DIRECTIONS FOR USE**

Do not use this product for any uses other than those specified herein.

MALATHION is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications are most effective when made at a boom height of 5 feet and a swath width of 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 or 8002, placed 30° into air blast or rotary atomizers into the air blast that produce a spray particle with a mass medium diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. Air should be regulated with relief valve and gauge for proper air and liquid mixture. Pneumatic-type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph.

Repeat applications should be made as necessary unless otherwise specified.

**IMPORTANT**

Undiluted spray droplets of MALATHION ULV CONCENTRATE will permanently damage automobile paint. Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately.

Consult your state experiment station or state extension service for proper timing of sprays.

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.

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	DAYS TO HARVEST or GRAZING and COMMENTS
Alfalfa	Alfalfa caterpillar	8	0 day. Apply when larvae are small.
	Western yellow striped armyworm	12	5 days. Apply when larvae are large or when foliage is dense.
	Alfalfa weevil larvae	16	5 days. Apply when day temperatures are expected to exceed 65°F. and when 50-70% of leaves show feeding damage.
	Beet Armyworm	8	0 day. Apply when larvae are small.
	Grasshoppers	8	5 days. Apply when larvae are large or when foliage is dense. May be applied on day of harvest or grazing.
Do not apply to alfalfa in bloom. Do not apply to seed alfalfa.			
Beans (lima, green, snap, Navy, red kidney, wax, dry, black-eye)	Mexican Bean Beetle, Leafhoppers, Green Cloverworm, Japanese Beetle, Lygus Bug	8	1 day.
Blueberries	Blueberry Maggot	10	0 day.
Cherries	Cherry Fruit Fly	12 - 16	1 day. Apply by aircraft only. Use higher rate when foliage is heavy or infestation is severe. Make first application as soon as flies appear. Northwest U.S. & Michigan only.
Cereal Crops, (barley, corn, oats, wheat)	Cereal leaf beetle	4 - 8	Barley, oats, wheat 7 days of harvest or fringe use. Corn, 5 days. Grasses. May be applied on day of harvest or grazing.
Clover, Pasture and Range Grass, Grass, Grass Hay, Nonagricultural Land (wasteland, roadsides, soil bank lands)	Grasshoppers	8	May be applied on day of harvest or grazing. Do not apply to clover in bloom.
Corn	Adult Corn Rootworm	4	5 days.
Cotton	Early Season Insects Trips, Fleahoppers, Leafhoppers	4 - 8	
	Beet Weevils	8 - 12	Early to mid season. 0 day.
		16	Disease Weevils: control - late season.
	Grasshoppers	8	
	Lygus Bugs	8 - 12	
Grain Crops (barley, corn, oats, rye, rice, grain sorghum and wheat)	Grasshoppers	8	Very heavy migrating populations. 7 days. Corn 5 days of harvest or fringe use.

**NET CONTENTS:**



**ACCEPTED**  
MAR 19 1975  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide EPA Reg. No. 6720-207 registered under 6720-207

**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. Reg. No. 6720-207

E.P.A. Est. No. 6720-FL-1

MANUFACTURED BY  
**Southern MILL CREEK PRODUCTS COMPANY, Inc.**  
TAMPA, FLORIDA

6720-207

63/19/1975

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CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Grain Sorghum	Sorghum Midge	8 - 12	Apply during the bloom stage 7 days of harvest or forage use.
Rice - Grain Farm (Louisiana, Texas)	Rice Stink Bug	8	7 days. Apply by aircraft only. Apply during early milk and dough stage of growing rice.
Safflower	Grasshoppers, Lygus Bugs	8	3 days of harvesting seeds.
Soybeans	Mexican Bean Beetle, Japanese Beetle, Green Cloverworm	8	7 days of harvest of forage use.
Sugar Beets	Grasshoppers, Sugar Beet Root Maggot Adults	8	0 day 7 days. If tops are to be used for food or feed.
Nonagricultural Lands	Beet Leafhopper (on wild host plants)	8	0 day.
Beef Cattle Feed Lots and Holding Pens	Adult flies and Mosquitoes	6 - 8	0 day.

**OTHER AGRICULTURAL USES**

**Alfalfa, Clover, Pasture and Range Grass, Grass, and Grass Hay, Grain Crops, Beans, Rice, Tomatoes and Nonagricultural Lands (wastelands, soil bank lands), Adult mosquitoes and flies. Apply MALATHION ULV CONCENTRATE at the rate of 2 to 4 fluid ounces per acre for control of adult mosquitoes and at 5 to 8 fluid ounces per acre for control of adult flies and mosquitoes. Repeat applications as necessary. On alfalfa, clover, pasture and range grass, beans, and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. Do not use on seed alfalfa. On grain crops, make no application within 7 days of harvest or forage use, on corn, within 5 days of harvest or forage, on rice, within 7 days of harvest, on beans and tomatoes, within 1 day of harvest.**

**FOREST INSECTS**

Apply with aircraft equipped with ultra low volume application. Make application when air is calm and temperature is below 68°F. Do not allow spray to contact ferns, hickory and maples as injury may result. Do not spray on dunes under extreme heat, drought and disease conditions.

TREE	PESTS CONTROLLED	FLUID OUNCES PER ACRE	DIRECTIONS
Douglas Fir, True Fir, Spruce	Spruce Budworm	13	Apply when highest percentage of larvae are in the fifth instar.
Hemlock	Hemlock Looper	8	Apply when most larvae are in third and fourth instar.
Pine	European Pine Sawfly	10	Apply when larvae are in the first or second instar or before they reach 1.2 in length.
	Sawtooth Sparling		Apply when 95% of the population has become adult.
Larch	Larch Casebearer	8	Apply in Spring as soon as larvae break hibernation and begin feeding on new foliage.

**CAUTION**

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**PRECAUTION**

AL URJARIC Si usigé no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

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. Protect 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 add to water tubs, streams, or ponds. Do not add to water tubs, streams, or ponds. Do not add to water tubs, streams, or ponds. Do not add to water tubs, streams, or ponds.

DISPOSAL OF DRUMS: Drain drum completely. Add 5 gal. of water, 1 cup detergent and 2 lbs. of lime to drum. Shake drum thoroughly. Rinse drum completely. Transfer liquid to another drum. Rinse drum completely. Dispose of liquid in a safe manner.

NOTICE: Safety liability shall be limited to the terms of the label and subject to laws and regulations. The manufacturer assumes no liability for any loss or damage to property arising out of use of this product or the product on these conditions.