



# MALATHION ULV CONCENTRATE INSECTICIDE

<b>ACTIVE INGREDIENTS</b>	<b>BY WEIGHT</b>
Malathion**	95.0%
<b>INERT INGREDIENTS</b>	<b>5.0%</b>
<b>TOTAL</b>	<b>100.0%</b>

\*\*OC-dimethyl phosphorodithioate of diethyl mercaptosuccinate  
Contains 9.7 pounds of Malathion per gallon.

CLEAN CROP MALATHION is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for the control of the insects indicated on this label.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.

See Side Panel For Additional Precautionary Statements

NET CONTENTS \_\_\_\_\_ U.S. GAL(S).

EPA REG. NO. 34704-18

EPA EST NO. \_\_\_\_\_

Malathion  
RQ NA2783

ORM-A

Before using, read the directions retained on this label 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.  
**IMPORTANT** - Undiluted spray droplets of Malathion 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.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**CAUTION  
HARMFUL BY SWALLOWING, INHALATION,  
OR SKIN CONTACT**

Avoid breathing spray mist. Avoid contact with skin. Wash thoroughly after handling. Change contaminated clothing.

**STATEMENT OF PRACTICAL TREATMENT**

If Swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.  
If Inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.  
If On Skin - Remove contaminated clothing and wash affected areas with soap and water.  
If In Eyes - Flush eyes with plenty of water. Call a physician if irritation persists.  
Note to Physician: This product may cause cholinesterase inhibition. Atropine or atropine 2 PAM may be effective as an antidote to atropine.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**RE-ENTRY STATEMENT**

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with the product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:  
**CAUTION**

(Insert area or field description) treated with Malathion on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure:

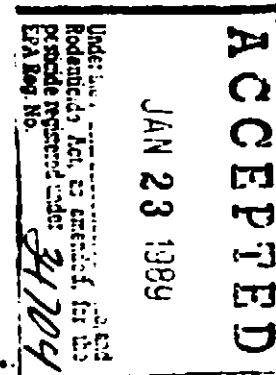
Call a doctor (physician) clinic or hospital immediately. Explain that the victim has been exposed to Malathion and describe his condition. For further information see the "STATEMENT OF PRACTICAL TREATMENT" portion of the pesticide label.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

**STORAGE:** Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



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**GENERAL INFORMATION**

DO NOT USE THIS PRODUCT FOR ANY USES OTHER THAN THOSE SPECIFIED ON LABEL

Aerial applications are most effective when made at a boom height of 2 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 #001 to #002 placed 30" into air blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass medium diameter of 40 to 100 microns. Swath width 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.

Applications should be made as necessary unless otherwise specified.

**FOR ULTRA LOW VOLUME AERIAL APPLICATION WHERE AUTOMOBILES, TRAILERS, AND PLEASURE BOATS ARE PRESENT: IMPORTANT**

Instructions on PLATHEMION ULV is to be used in ultra low volume spraying over cities, towns and other areas where automobiles, trailers and pleasure boats are present.

Apply with aircraft equipped for ultra low volume application. Generally spraying should not be attempted when the wind is at or above 10 mph or temperatures are above 82°F.

Spray droplets of this product undiluted will permanently damage automobile paint unless all of the following conditions are met:

1. Aircraft is operated at 150 mph or more.
2. There are no leaks in the ultra low volume spray system.
3. Nozzles are placed on the boom at 45° angle down and 10" to the wind.
4. Diaphragm check valves are used on all nozzles to insure positive cut off of the spray.
5. Dosage of this product does not exceed 3.2 fluid ounces per acre (40 acres per gallon).
6. The spray system produces droplets of this product in the 50 to 60 mass medium diameter (MMD) micron range, with no more than 10% of the droplets exceeding 100 microns as determined by readings made from microscope slides coated with Dri-Film.

Do not apply this product through any type of irrigation system.

**NOTICE**

Platte Chemical Co., Inc. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as for example incompatibility with other products, the manner of its use or application, or the presence of other products or materials in or on the soil or crop. Platte Chemical Co., Inc. makes no other express or implied warranty of fitness or merchantability. The exclusive remedy of the buyer or user and the limit of the liability of Platte Chemical Co., Inc. or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verbal or written agreement.

**DIRECTIONS FOR USE**

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Alfalfa	Alfalfa Caterpillar, Western Yellow Stiged Armyworm	8-12	Use lower rate when larvae are small. May be applied on day of harvest or grazing. Use higher rate when larvae are large or when alfalfa is thick. 5 days.
	Alfalfa Weevil Larvae	16	5 days. Apply when day temperature is expected to exceed 65°F and when 50-75% of leaves show feeding damage.
	Beet Armyworm	8-16	Use lower rate when larvae are small. May be applied on day of harvest or grazing. Use higher rate when larvae are large or when alfalfa is thick. 5 days.
	Grasshoppers	8	May be applied on day of harvest or grazing.
Do not apply to alfalfa in bloom Do not apply to seed alfalfa			
Beans (imm. green snap, heavy, too shoney and dry packages)	Mexican Bean Beetle, Leaf Hopper's Green Chalcidiform, 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 damage is heavy or infestation is severe. Make test application as soon as flies appear.
Cereal crops (barley, corn, oats, wheat) and pastures	Cereal Leaf Beetle	4-8	Barley, Oats, Wheat: 7 Days of harvest or forage use. Corn: 5 Days. Grasses: May be applied on day of harvest or grazing.
Other Pasture and Range Grass	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, Thrips, Flea beetles, Leafhoppers	4-8	8 day
	Bull Weevil	8-12	Early to midseason: 8 day
	Grasshoppers	8	Late season: 8 day
	Lygus Bugs	8-12	0 day
Green Crops (barley, corn, oats, rice, grain sorghum & wheat)	Grasshoppers	8	Very heavy migrating populations: 8 day
Green Sorghum	Grasshoppers, Lygus Bugs	8	7 days. Corn: 5 days of harvest or forage use.
Soybeans	Mexican Bean Beetle, Grasshoppers, Japanese Beetle, Green Cloverworm	8	Apply during the bloom stage. 7 Days of harvest or forage use.
Sugar Beets	Grasshoppers, Sugar Beet Root Maggot Adults	8	3 Days of harvesting seeds.
Nonagricultural Uses	Beet Leafhopper (on wild fruit plants)	8	7 days if tops are to be used as feed.
Beet Cane Feed Lots and Hauling Pens	Adult Flies & Mosquitoes	8-8	0 day

**OTHER AGRICULTURAL USES:** Alfalfa, Clover, Pasture and Range Grass, Grass and Grass Hay, Green Crops, Beans, Rice, Tomatoes and Nonagricultural lands (residential, soil bank lands). Adult Mosquitoes and Flies. Apply MAXIMUM at the rate of 2 to 8 fluid ounces per acre for control of adult mosquitoes and 4 to 8 fluid ounces per acre for control of adult flies and mosquitoes. Repeat applications as necessary. On alfalfa, clover, pasture and range grasses, grass and grain 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 green crops, make no application when 7 days of harvest or forage use on corn within 5 days of harvest or forage use on beans and tomatoes within 1 day to harvest. **FOREST INSECTS:** Apply with aircraft equipped for ultra low volume application. Make application when air is calm and temperature is below 80°F. Do not apply to control ticks, fleas and mites as injury may result. Do not spray on sites under extreme heat, drought and drought conditions.

TREE	PESTS CONTROLLED	FLUID OUNCES PER ACRE	DIRECTIONS
Douglas Fir, True Fir, Spruce	Spruce Budworm	12	Apply when highest percentage of larvae are in the first instar.
Hemlock	Hemlock Looper	8	Apply when most larvae are in the third and fourth instar.
Pine	European Pine Sawfly	10	Apply when larvae are in the first or second instar or before they can reach 1/2 inch in length.
Larch	Spruce Spittlebug	8	Apply when 85% of the population has become adult.
	Larch Casebearer	8	Apply in spring as soon as larvae break hibernation and begin feeding on new foliage.

FORMULATED FOR  
**PLATTE CHEMICAL COMPANY, INC.**  
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