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### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

HARMFUL BY SWALLOWING, INHALATION OR SKIN CONTACT  
Avoid Breathing Spray Mist — Avoid Contact With Skin  
Wash Thoroughly After Handling — Change Contaminated Clothing  
Do Not Contaminate Food or Feed Products

### ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment. Protective information may be obtained from your Cooperative Agricultural Extension Service.

This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff 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. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

### DIRECTIONS FOR USE

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

MALATHION ULV CONCENTRATE 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 pump capable of producing up to 40 psi and blower speeds of 2000 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, 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 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 manufacturers, 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.

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

NOTE: MALATHION ULV CONCENTRATE may cause spotting on automobile paint finish. Cars should not be sprayed directly. If accidental exposure does occur, the car should be washed immediately.

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Alfalfa, Clover, Pasture and Range Grass, Grass, Grass Hay, Nonagricultural Land (wastelands, roadsides, soil bank lands)	Grasshoppers	8	May be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. Do not apply to seed alfalfa.
Cereal Crops and Grasses	Cereal Leaf Beetle	4 - 8	Cereal Crops: 7 days of harvest or forage use. Grasses: May be applied on day of harvest or grazing.
Grain Crops	Grasshoppers	8	7 days. Corn: 5 days of harvest or forage use.
Cotton	Boll Weevil	8 - 12	Early to midseason: 0 Day. Late season: 0 Day.
	Grasshoppers	8	0 Day.
Soybeans	Lygus Bugs	8 - 12	0 Day.
	Very heavy migrating populations	16	0 Day.
Safflower	Early Season Insects: Flea-hoppers, Thrips, Leafhoppers	4 - 8	0 Day.
	Grasshoppers, Lygus Bugs	8	3 days of harvesting seeds.
Sugar Beets	Mexican Bean Beetle, Grasshoppers, Japanese Beetle, Green Cloverworm	8	7 days of harvest or forage use.
	Grasshoppers	8	7 days, if tops are to be used as feed.
Corn	Adult Corn Rootworm	4	5 Days.

ACCEPTED  
JUN 3 1980  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, it is certified for the pesticide Malathion ULV Concentrate, EPA Reg. No. 2393-250.

# Hopkins MALATHION ULV® CONCENTRATE INSECTICIDE

ACTIVE INGREDIENT:	
Malathion**	91.0%
INERT INGREDIENTS:	9.0%
TOTAL	100.0%

\*\*O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate  
(One gallon contains 9.33 pounds of malathion.)  
®Trademark of American Cyanamid Company  
EPA Reg. No. 2393-250

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### KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Call a physician or poison control center immediately. Induce vomiting by giving 1 glass of water and touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on skin:** Remove contaminated clothing and wash affected areas with soap and water.

**If in eyes:** Flush with water for at least 15 minutes and get medical attention.

**Note to physician:** This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidote.

See Side Panel for Additional Precautionary Statements

### NOTICE OF WARRANTY

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

### NET CONTENTS



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CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Beans (lima, green, snap, Navy, red kidney, wax, dry, blackeye)	Mexican Bean Beetle, Leafhoppers, Green Clover-worm, Japanese Beetle, Lygus Bugs	8	1 Day
Blueberries	Blueberry Maggot	10	0 Day
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

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 Malathion ULV 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 and mosquitoes. 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. 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 use; on rice, within 7 days of harvest; on beans and tomatoes, within 1 day of harvest.

### FOREST INSECTS

Apply with aircraft equipped for 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 elms 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 the third and fourth instar.
Pines	European Pine Sawfly	10	Apply when larvae are in the first or second instar or before they reach 1/2 inch in length.
Larch	Larch Casebearer	8	Apply in spring as soon as larvae break hibernation and begin feeding on new foliage.

Before using Malathion ULV Concentrate for the preparation of malathion insecticide, manufacturers should consult American Cyanamid Company for manufacturing and safe handling instructions.

### STORAGE AND DISPOSAL

- Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- Pesticide Disposal:** Pesticide, spray, mixture or rinse that cannot be used or chemically reprocess, should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- Container Disposal:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.  
**Rinse Procedure:** Drain pail completely. Add 1/2 gallon of water, 1/4 cup of detergent and 1/4 pound of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Bury rinse solution 18 inches deep.
- General:** Consult Federal, State, or local disposal authorities for approved alternative procedures.

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