

EXY CYTHION ULV

ACTIVE INGREDIENT:		BY WT.
Malathion*		95 0%
INERT INGREDIENTS:		5 0°°0
O O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate	TOTAL	100.0%

(1 gallon contains 9.7 pounds of Maiathion)

EPA Reg. No. 7001-227-AA EPA Est. No. 7001-CA-1

CAUTION KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed.

Avoid breathing spray mist. Avoid contact with skin. Wash thoroughly after handling. Change contaminated clothing. Do not contaminate food or feed products.

This product is toxic to fish, shrimp, crabs and other wildlife. 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 crabs 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.

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.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

DIRECTIONS FOR USE

AGRICULTURAL USES

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

Cythion ULV 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 ps; and blower speeds of 2600 rpm are satisfactory. Use flat

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 inpm 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 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

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

Cons: It your state experiment station or state extension service for proper timing of sprays.

This product is norm, toxic to bees exposed to direct treatment or residues on crops. Protective in the normal time of a ned from your Cooperative Agricultural Extension Services.

Alfalfa: Aif at the second Amount of the Stein Yellow Striped Armyworm. Beet Armyworm. Apply to 1 pint per acre. Aifa for where the second pint per acre. Pates of the pint not menimisation. Bates over the pint do not apply within 5 days of harvest. Do not apply to alfalfa in the important point per acre. Been Beet et Leathoppers. Green Gioverworm to a chese Beetle. Lygus Bugs. Apply pint per acre. Do not apply within 1 day of harvest.

Blueberries: Blueberr, Maggot Apply pint per acre. No time amitation

Cherries: Cherry Fruit Five Northwest states only. Apply to 1 pint per acre. Apply by aircraft only. Use higher rate when foliage is heavy or infestation is severe. Make application as soon as fliet appear. Do not apply within 1 day of harvest.

Corn, Barley, Oats, Wheat, Grasses: Cerear Leaf Beet e. Apply — to —pint per acre. Grasshoppers Apply —pint per acre. Do not apply within 7 days of harvest on bariev loats, wheat, and 5 days charvest on corn. No time limitation on grasses.

Clover, Pasture & Range Grass, Grass, Grass Hay, Non-Agricultural Land: Grasshoppers Applipint per acre. Do not apply to clover in ploom. No time limitation.

Corn: Adult Corn Rootworm: Apply II. piet per acre. Do not apply in the 5 days of harvest

Cotton: Thrips, Fleahoppers: eafnoppers: Apply: ito: pint per acre Bill Week: Grasshoppers Lygus Bugs: Apply: to:1 pint per acre. No time limitation

Grain Sorghum: Sorghum Midge: Grasshoppers: Apply: Ito is pint per abre. Do not apply within 7 days of harvest.

Rice: Grasshoppers, Rice Stink Burg. Louisiana & Texas only). Apply—pint per acre. Do not apply within 7 days of harvest.

Safflower: *Grasshoppers Lvgus Bugs.* Apply — pint per acre. Do not apply within 3 days of harvest. **Soybeans:** *Mexican Bean Beetle. Grasshoppers. Japanese Beetle. Green Croverworm:* Apply — pint per acre. Do not apply within 7 days of harvest.

Sugar Beets: Grasshoppers, Sugar Bewithin 7 days of harvest if tops are to be food or feed

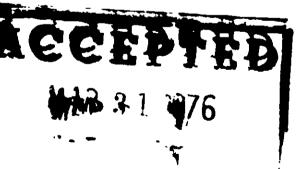
Non-Agricultural Lands: Beet Leafho limitation

Beef Cattle, Feed Lots & Holding Penapplied with beef cattle present. No time Adult Mosquito & Fly Control: Apply 7 pint per acre for control of Adult Flies and clover, pasture and range grass, grass agricultural lands. Do not apply within 7 corn. 1 day of harvest on beans and tome grass, grass and grass hay. Do not apply a stagnant pools, marshy areas, ponds and body of water is prohibited.

Forest Insects:

Apply with aircraft equipped for ultra love temperature is below 68° F. Do not alice result. Do not spray on elims under extra Douglas Fir, True Fir, Spruce: Spruce percentage of larvae are in the fifth ins Hemlock: Hemlock Looper. Apply 16 pi

Pines: European Pine is willy (apply will rapply when 95% of population have be Larch: Larch Casebearer Apply is pine feeding on new foliage.



Occidental (

P.O. Box 198 Lathrop, California 9533 DISCLAIMER OF WARRANTIES Seller warrants that I given on this label. THIS WARRANTY IS EXPRESSLY IMPLIED OR STATUTORY. INCLUDING WARRANTIES OF method of application, weather and crop conditions accompanying written recommendation, are beyond to material not in strict accordance with directions give this product to accept a replacement of the product or of seller's hability. No one is authorized to make any warranties, quarantees or directions shall be valid or

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CHILDREN

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Repeat applications should be made as necessary unless otherwise specified

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Alfalfa: Alfalfa Caterpicar, Western Yeilow Striped Armyworm, Beet Armyworm, Apply 1, to 1 pint per acre. Alfalfa Weevil Larvae, Apply 1 pint per acre. Rates of pint not me limitation. Rates over pint to 1 pint do not apply with n 5 days of harvest. Do not apply to alfalfa in the norm Do not apply to seed alfalfa. **Beans:** Mexican Bean Beetre, Leathoppers, Green Cloverworm, and a nesse Beetle, Lygus Bugs. Apply pint per acre. Do not apply within 1 day of harvest.

Blueberries: Biveberrie Maggot, Apply profiper acre. No time limitation

Cherries: Cherry Fruit Exp Northwest states only. Apply 1: to 1 pint per acre. Apply by aircraft only. Use higher rate when foliage is heavy or infestation is severe. Make application as soon as flies appear. Do not apply within 1 day of harvest.

Corn, Barley, Oats, Wheat, Grasses: Cerear Leaf Beetle Apply to pint per acre. Grasshoppers Apply pint per acre. Do not apply within 7 days of harvest on barley, oats, wheat, and 5 days of harvest on corn. No time limitation on grasses.

Clover, Pasture & Range Grass, Grass, Grass Hay, Non-Agricultural Land: Grasshoppers Applipint per acre. Do not apply to clover in bloom. No time limitation.

Corn: Adult Corn Rootworm: Apply a pint per acre. Do not apply within 5 days of harvest

Cotton: Thrips Fleahoppers: eafhoppers Apply: to pint per acre Boll Weevil, Grasshoppers: Lygus Bugs Apply to 1 pint per acre. No time limitation

Grain Sorghum: Sorghum Mage: Grasshoppers: Apply: to -- pint per acre. Do not apply within 7 days of harvest.

Rice: Grasshoppers Rice Stine Bug it oursiand & Texas only). Apply—pint per acre. Do not apply within 7 days of harvest.

Safflower: *Grasshoppers Lingus* Bugs. Apply — pint per acre. Do not apply within 3 days of harvest. **Soybeans:** *Mexican Bean Beetre. Grasshoppers. Japanese Beetle, Green Cloverworm.* Apply — pint per acre. Do not apply within 7 days of harvest.

Sugar Beets: Grasshoppers. Sugar Beet Root Maggot Adults. Apply—pint per acre. Do not apply within 7 days of harvest if tops are to be used for food or feed. No time limitation if tops are not used for food or feed.

Non-Agricultural Lands: Beet Leafhoppers (on wild host plants). Apply—pint per acre. No time limitation.

Beef Cattle, Feed Lots & Holding Pens: Adult Mosquitoes, Flies. Apply '- to pint per acre. May be applied with beef cattle present. No time limitation.

Adult Mosquito & Fly Control: Apply % to is pint per acre for control of Adult Mosquitoes and is to pint per acre for control of Adult Flies and Mosquitoes. Repeat as necessary Can be applied to alfalfa clover, pasture and range grass, grass and grass hay, grain crops, beans, rice, tomatoes and non-agricultural lands. Do not apply within 7 days of harvest on grain crops and rice, 5 days of harvest on corn, 1 day of harvest on beans and tomatoes. No time limitation on alfalfa, clover, pasture and range grass, grass and grass hay. Do not apply to alfalfa and clover in bloom. Do not use on seed alfalfa. Treat shrubbery and vegetation where mosquitoes may rest. Shrubbery and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Application of this product to any body of water is prohibited.

Forest Insects:

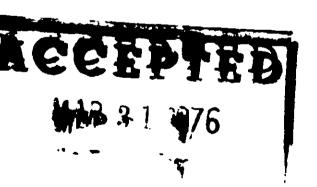
Apply with aircraft equipped for ultra low volume application. Make application when air is calm and temperature is below 68° F. Do not allow spray to contact ferns, hickory and maples as injury may result. Do not spray on elius under extreme heat, drought and disease conditions.

Douglas Fir, True Fir, Spruce: Spruce Budworm. Apply 's pint per acre. Apply where in ghest percentage of larvae are in the fifth instar.

Hemlock: Hemlock Looper. Apply ½ pint per acre. Apply when most larvae are in third and fourth instar

Pines: European Pine Sawtly (apply when larvae are in third or fourth instar). Saratoga Not thebug (apply when 95% of population have become adults). Apply a pint per acre.

Larch: Larch Casebearer. Apply 2 pint in spring as soon as larvae break hibernation and begin feeding on new foliage.



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SOLD BY

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Occidental Chemical Company

P.O. Box 198 Lathrop, California 95330 — P.O. Box 1185 Houston, Texas 77001

DISCLAIMER OF WARRANTIES Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSEY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS. EXPRESSED IMPLIED OR STATUTORY INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or a raccompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's hability. No one is authorized to make any other warranty quarantee or directions concerning this product, and no such warranties, quarantees or directions shall be valid or brighing upon seller.